

A Complete Bibliography of Publications in *Journal of Computational and Applied Mathematics* (2005–2009)

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA

Tel: +1 801 581 5254
FAX: +1 801 581 4148

E-mail: beebe@math.utah.edu, beebe@acm.org,
beebe@computer.org (Internet)
WWW URL: <http://www.math.utah.edu/~beebe/>

06 September 2019
Version 1.04

Title word cross-reference

$(0, \infty)$ [BE07]. $(0, m)$ [dB05b, dB05a]. (A, η) [DF08]. $(d+1)$ [KV09a]. (du/dr) [Moh05].
0 [MVVA06]. 1 [Hsu05, LP07c, MDT09]. $1/9$ [SS09e]. 2 [BCH06, CGRVP08, DL05, Ehr06, GC06, HV06a, KSE09, LN09, LYT07, NGS05, TS06a, WHG07, XXL08]. 3 [BGP07, BFGM06, BCK07, Cim08, GMM09, GF08, KD05, LLL06, LT07, Li06a, LC08c, MMM08, MK09, Scu09, SBO09, VVE08a, VVE08b, ZGV06]. 6 [DS09a, HKA07]. 8 [LW06b]. $[-\infty, 0]$ [BGVHN05]. $[0, 1)^s$ [LP07b]. $[0, 1]$ [Has09a]. $[3/2]$ [GMFB06]. $]-\frac{\pi}{2}, \frac{\pi}{2}[$ [Cho05]. 1 [LP06b]. 2 [HS09a]. X [TYH08]. 0 [ZZ09a]. $_{10}\phi_9$ [LV07]. 2 [AM09a, CZ08b]. 2F_2 [Par05b]. 3F_2 [Ext99, Mil06]. $^3F_2(1)$ [Mil07]. A [FD09]. $A_{T,S}^{(2)}$ [SCG08]. $A^*X + X^*A = B$ [Djo07]. $A^HXB = C$ [yPyHZ07]. $A_{T,S}^{(2,3)}$ [YL09a]. α [FSL09, Jay08, MPR07]. $AXB = C$ [HYG08a]. B [PJ06a]. BaF_2 [BRVWM07]. C [LP06b, FLS06]. C^* [Par05c]. C^1 [CHNZ08, DL05, MB06, PS08]. C^2 [CJ06, Han05, YS06, DS09a]. C^M [CD07b]. C^r [BFGP08]. $\mathcal{O}(1)$ [BG07f]. \mathcal{S} [Mor07]. \mathcal{S}_m [Sid05]. D [QWW08, ZW09a, Ant09, CZ07, CLO09, Kok05]. $\{D_n\}$ [WK07b]. Δ [AGMMB05]. δ^2 [AGM09]. E [KKW06]. ℓ_2 [MY06]. ϵ [BMW08]. η [PZ08]. η_j [Cof09b]. F [Abd08, CZ08b]. $F(a, b; c; z)$ [FLS06]. $f(x) \sin(w/x^r)$ [Has09a]. G [Ant08, HS09a, LW08d]. G^1 [MW08, MW09c, WM09]. Γ [Yam08]. $\Gamma(1/x)$

- [Alz06]. $\Gamma(x)$ [Alz06]. GMRES(m) [BJK09]. H [AU09, BISS05a, BS07, CK05, HR05c, LF08, MPS05, PJ06a, Yun08a, yZXL09, ZHG⁺09, Din05a, YG09b]. H_A [Tur09]. H_∞ [MZC08]. $H'_\nu(x) + i\zeta H_\nu(x) = 0$ [SA07a]. $H_{q,\omega}$ [Pet07b]. hp [ER09, Sur05, GGD08, SV07b, VS08]. I [BFP09, KN06, Tem09]. ijk [Moh09]. $\int_a^b f(x)e^{i\omega g(x)} dx$ [Xia07b]. J [CK09b]. K [LF07b, LF08, ÁNPQ05, FY06, Kil07, LRH07, MW09b, XY05]. $K(2, 2)$ [Waz07b]. $K(n, n)$ [AEET09, LWW08]. $K(p, q)$ [TY07a]. $K + 1$ [CHJZ09]. $K_{n=1}^\infty a_n/1$ [LW05a]. L [BBR05, HJR07, tLxLIW07, RS08b, RH09, WtL09, YH09b, Yun08b]. L^1 [Las09]. L^2 [GNP09]. $l^2 \times l^2$ [LZ05]. L_1 [CFL05, WFL07]. L_2 [HW08, PVC06, VC06]. L_∞ [PVC06]. L_p [CW08c]. LU [AKK06, Moh09]. M [CW08d, KBA09, LGYH09, LC09b, MS07d, WS09a, Yun05b, ZM09b, HY09a, HJK09, JG09, LZ08a, LZ08b, LZ09b, LZ09c, LLW09, Pre09, Sal09, SS09b, ZC08a]. \mathbf{R}^1 [RS05c]. \mathbf{R}^2 [Roo06]. \mathbf{R}^N [AV06, EE06, Koh07, SFV09]. \mathbf{S}^{q-1} [Fer07]. N [CKT09, GPTT05, KL08a, CKWZ07, CHCW05, Dub09, FWY09, JG09, Lei08b, LZ09c, LM07b, Par05c, Sto06, WW07]. $O(k^2 + kh^2 + h^4)$ [MS07c]. ω [Yun05b]. P [DWW06, LW07, LP07c, PZ08, Tsi06, Van06a, Van07a, ZZ09a, BB05, BE07, DF08, Gal09, GJL08, HM09a, He05, HWY09, Hon07, Liu08a, LOA05a, LOA05b, LJ09, Luo07, ML09, WSM⁺09, XKF06, YG09b, ZFG08]. $P_*(\kappa)$ [Cho08, WB09]. P_0 [CP08b, MC08]. $P_m = (I + S_m)$ [KN09]. ϕ [Lin09a]. q [AÁN07, AGRZ05, CJ07, CZ08b, CS09b, DF08, DO06, IS09, OS07a, PV05, RK08b, YH05]. QR [DV06a, DV06b, Gem05, SEAA08]. QZ [VVV08]. R [CGP09, EH06, HR05b, Yua09, Ant09, Pre09]. \sinh [EJ07]. T [CG05, DCF06, Mar07c, WWP09, SO05]. θ [CEJ09, Gan07, KVK08, RS05c, WYL09b]. $VA + A^*V = \mu V$ [Koh08]. $VPAStab(J, L)$ [GM09c]. W [Ehr06, FL08b, Nov08]. $X + A^*X^{-n}A = Q$ [Iva06]. $X + A^*X^{-\alpha}A = Q$ [yPESIZ07]. $X + A^*X^{-1}A = Q$ [ESAD05]. $X - A\bar{X}F = C$ [WWD09]. $X - AXF = C$ [WWD09]. $X - \sum_{i=1}^m A_i^* X^r A_i = Q$ [DL09c]. $x_{n+1} = (\alpha - \beta x_n)/(\gamma + g(x_{n-k}))$ [ZSZ05]. $y'' = f(x, y)$ [FT08, Van07b]. $y'' = f(x, y, y')$ [VAR06]. Z [CHS08, Kon07, NT06, WHF07]. $\zeta(2n + 1)$ [DH06].
- accretive** [AU09, DF08, PZ08]. **-Adaptive** [GGD08]. **-adic** [HM09a, YH05]. **-algebra** [Las09]. **-algebras** [Par05c]. **-algorithm** [BMW08, DV06a, DV06b]. **-analogues** [CZ08b]. **-asymptotically** [Tem09]. **-based** [Gem05, KKW06]. **-Bernoulli** [RK08b]. **-cardinality** [FY06]. **-centrohermitian** [LF07b]. **-centrosymmetric** [LF08]. **-constant** [HKA07]. **-convergence** [Yam08]. **-curve** [HJR07, RS08b, RH09]. **-curves** [PJ06a]. **-D** [Ehr06, Li06a, LP07c, LC08c, NGS05, XXL08]. **-decomposition** [AKK06]. **-difference** [AGRZ05, DO06, IS09]. **-dimensional** [BFGM06]. **-discrepancy** [VC06]. **-eigenvalues** [QWW08]. **-error** [GNP09]. **-expansion** [Abd08]. **-FEM** [SV07b, VS08]. **-fold** [XY05]. **-functions** [MS07d]. **-gap** [ZW09a]. **-Ginzburg** [Lei08b]. **-invexity** [MPR07]. **-Jacobi** [CS09b, PV05]. **-Laguerre** [OS07a]. **-Laplacian** [BE07, Gal09, GJL08, He05, HWY09, Hon07, Liu08a, LOA05a, LOA05b, LJ09, ML09, WSM⁺09, ZFG08]. **-like** [SEAA08]. **-linearly** [CGP09]. **-matrices** [LC09b, Yun08b, CHS08, CK05, HR05c, tLxLIW07, LF08, NT06, WHF07, WtL09, WS09a, Yun08b, yZXL09, ZM09b]. **-matrix** [CW08d, LGYH09, Mar07c, Yun05b, Yun08a, ZHG⁺09]. **-maximal** [Din05a].

-meshes [DCF06]. **-method** [CEJ09, VVV08]. **-methods** [Gan07, KVK08, Nov08, RS05c, WYL09b]. **-mixing** [Lin09a]. **-monotone** [FD09]. **-node** [LW06b]. **-norms** [MY06]. **-order** [EH06, HR05b]. **-orthogonal** [BBR05, Pet07b]. **-orthogonality** [CLO09, Kok05, CZ07]. **-pencil** [KV09a]. **-periodic** [SO05]. **-point** [CHCW05, DS09a, HY09a, HJK09, JG09, LZ08a, LZ08b, LZ09b, LZ09c, LLW09, Sal09, SS09b, ZC08a, GPTT05]. **-policy** [CKT09]. **-polynomials** [AÁN07]. **-pre-invex** [Ant08]. **-preinvex** [LW08d]. **-problem** [SS09e]. **-proximal** [KBA09]. **-rational** [LP06b]. **-regular** [BS07]. **-series** [CJ07, CZ08b, LV07]. **-sesquilinear-quadratic** [Par05c]. **-shaped** [YH09b]. **-simplex** [Sto06]. **-Sobolev** [AGMMB05]. **-species** [WW07]. **-sphere** [LM07b]. **-splines** [BISS05a, CJ06]. **-stability** [FL08b]. **-stable** [MVVA06, Van07a, DWW06, LW07, Tsi06, Van06a]. **-step** [DF08]. **-surfaces** [BFGP08]. **-symmetric** [Yua09]. **-th** [BB05, CKWZ07, Dub09, FSL09, JG09, MW09b, Luo07]. **-th-copy** [LRH07]. **-th-order** [FWY09, LZ09c]. **-Toeplitz** [ÁNPQ05]. **-transformation** [Ehr06]. **-type** [GMFB06, Ant09]. **-uniformly** [DF08]. **-univexity** [Jay08]. **-version** [XKF06]. **-waves** [LP07c].

/1 [WK07b]. **/G/1** [TYH08].

1 [AA09b, ÉT08, TYH08, Ver05, WWP09, WK07b]. **173** [KYF05a]. **1734** [Gau08]. **184** [ByXy06]. **189** [GPPRB07].

204 [AMO08]. **206** [Yun08b]. **214** [yCyZ09]. **217** [SZ09b]. **219** [LC09b]. **224** [LHL11, TSC10, ZJ12]. **231** [Dai11, LB10]. **233** [Asl10, vDvFZ13]. **2nd** [Ano05-33, Ano05-34, Ano05-35, Ano05-36,

Ano05-37, Ano06-28, Ano06-29, Ano06-30, Ano06-31, Ano06-32, Ano06-33, Ano06-34, Ano06-35, Ano06-36, Ano06-37, Ano07-32, Ano07-33, Ano07-34, Ano07-35, Ano07-36, Ano07-37, Ano07-38, Ano07-39, Ano07-40, Ano08y, Ano08z, Ano08-27, Ano08-28, Ano08-29, Ano08-30, Ano08-31, Ano08-32, Ano08-33, Ano08-34, Ano08-35, Ano09z].

65th [VAW07].

= [BCH06, Ben07].

ABC [GST06]. **Abel**

[CC06a, CC08, CJ07, pLT07, SH09].

absolute [BB08a, DZ09a, Dmi08].

absorbing [Tar09]. **absorption** [Fer09].

abstract [LCA07]. **accelerate** [Koç08b].

Accelerated [And09b, HR05a, Kou08].

Accelerating [SaLJ08]. **acceleration**

[TF07, VRL07, VR08, ZW09d].

accommodating [BdAR08]. **according**

[Sie07a]. **accretive** [AU09, DF08, PZ08].

accumulation [ZL09b]. **Accuracy**

[VR08, BG07d, DZ09a, FZL07, Har08a, JF06, JR08, LCZ09, NGS05, YY07a].

Accurate [DAE05, BD07, CH09, DRT09,

LT07, LG07, Rad05, RVAD08]. **accurately**

[AOSY05]. **acoustic**

[Dem07a, DDLM07, GLS07, HMPR07,

HKM08, Jen07, LmLgF09, RDH07, ZP06].

acoustics [TS05]. **activated**

[KRAH07, ZBB⁺05]. **activation**

[CG05, Liu07]. **activations** [Moh07]. **active**

[EM08a, IV08, Liu05]. **acute** [YY08].

Adams [Gar09, JL06a]. **adaptation**

[GM07b, MS09c]. **Adaptive**

[BN08b, Ban08, FLMR07, FP08, HT06, HO09, JF06, KVK08, Lai09b, Lan05, LT06b,

LRT06, Par08b, SWZ05, SW06a, TL09,

AAPP07, AS09b, ABG06b, ABP08, BH07a,

BH09, BKB06, CGPM08, CMV09, CCCH09,

DA09, DVCH06, DDL09, Gan08, GKMS09,

HKB⁺05, HJR07, HAS09b, HRGD08, Hos09,

HGS06, LS06a, LY05a, NQDJ06, PP09, SS09c, Sha08, TYH08, WSST05, Wu07, YW08, ZZZ06, ZT06a, GGD08]. **add** [MS05b]. **added** [Hat09]. **adding** [AEET09]. **additional** [Bno07a]. **additive** [LZ06, Toc09, Wik08]. **adhesion** [CG05]. **ADI** [BLT09, FZL07, HL07a, TG07]. **adiabatic** [SS08]. **adic** [HM09a, YH05]. **adjacencies** [PR05]. **Adjoint** [MSB05, AGH06, BR07b, Car05b, Cha07, EGFOA09, EGFO09, EMMP07, KN06, KM09c, LP06a, MV08, MS07d]. **adjoints** [AS09b]. **ADM** [GJM07]. **Adomian** [Abb07b, AHC05, BSC07b, Eba09, Has06, Hos06, HLL08a, JDG06, Jan08, Li09a, Swe07a, Waz07a, Zha05]. **advances** [Bru09, GM09b]. **advection** [ABR07, CVB07, HPS06, Kan08, MBCV09, RVAD08, Roo06, SK05, SKAW09, Wil06]. **advection-reaction** [ABR07]. **advective** [DJ07a]. **aeration** [AHM09]. **aeroacoustic** [LN07a]. **aerodynamic** [FGB07, PLGS09]. **aeroelasticity** [Sv08a]. **Affine** [Zhu06, Zhu08a, CKC⁺07, HYYF05, Lan08b, Lan08a, MK07, SLMW06, Zhu05a, Zhu05b]. **affinely** [KR07]. **after** [Sim07a]. **against** [Zin05]. **Age** [KS09, LkLkP09, RHQ06, Zha08]. **age-dependent** [LkLkP09, RHQ06]. **age-structured** [Zha08]. **Age-time** [KS09]. **aggregation** [GW09]. **ahead** [GM09c]. **aided** [IOS07]. **AIDS** [CLGG09]. **AINV** [RT08]. **air** [AMO07, AMO08, ZMAZ09]. **aircraft** [DDL09, KGB⁺07]. **airfoil** [DFHS08, Gon07, MT05]. **Airy** [TV09a]. **al** [Mil07]. **ALE** [SST09]. **algebra** [GW09, Las09, PPG07, sR07]. **Algebraic** [NPQ05, AKLT09, BG07b, CZ09, DSW08, GGT07, GL06, Guo06, HS07a, HS09b, Hos06, Kuz08, LZSD09, PS05, SS05, SEAA08, SLMW06, Wan08b, rWIC06, XZS07, XFgS06]. **algebraic-logarithmic** [HS07a]. **algebras** [Par05c]. **Algorithm** [XH08, Yi09, AM09b, AMV06, And09b, Att05, BGRS05, BMW08, Bog05a, BC06, BdAR08, Bru08, BD07, CG08a, CDM07a, CC08, CM05b, CCJ07, CW08b, yCyZ08, yCyZ09, CGP09, CNN07, Cho08, Cof09a, DRT09, DV06a, DV06b, DF08, DC09c, DHS09, EIM⁺09, EM09, Fan09, FL06c, GXgL05, Gem05, HPS06, HJR07, HM09a, He06a, HHC09, HZW08, JLR06, JTHZ05, bJQIZ07, bJxC09, Kaz06, KBA09, KCLW08, KSE09, LCKK06, LFS08, LH09, LZWQ09, Lin08, LXX08, LW08a, LYW08, LCZ09, LL07b, LHR09, MVV08, MGS08, PP09, QCK09a, SVC09, Sak09, Sha09a, SDP09, SJZ09, SLN06, TGB08a, TH07, TLQ08, VRBF07, VMV07, VB05c, VN09, WZ07, WOK05, Wu07, XZ08, YJGL07, YY07b, YCJ09, ZGSF08, ZW09a, ZSGF09, ZZ09b, ZZ08b, ZCL09, Zhu05a, Zhu05c, Zhu05b, Zhu06, Zhu08c]. **algorithmic** [ADDdM05, CLS08, Rob08]. **Algorithms** [CS06b, CW08c, AS09b, AT09c, BMS05, BNP07, BW07a, CMST06, CY08a, CY08c, CZ08a, CHLW08, DP08a, DFZ07, Din05b, Dub09, DS05c, Dus05, FP08, GPS09, KS07b, KK08, Kon07, LM08, Mai08a, MV05a, MVVA06, Mat07a, McC05, NVD08, PLGS09, Qui07, Rom09, SW06b, VAMVC05, WB09, YN08, YSY09]. **aliasing** [GPV05]. **allelopathy** [CLCL07, LC06b]. **allocation** [GBR09, WW09, YW08]. **alloys** [Ahm07]. **Almost** [Hsu05, Liu07, PDM08, RS05c, CV09, KN06, LH07a, MLH08, Sch07b, ST07]. **along** [HeM05]. **alternate** [Mur07]. **alternating** [Qin09, Yu06, Zhu07]. **alternation** [Bla05]. **Alternative** [JM07a, SdJMH09, YW09a]. **amenability** [Las09]. **American** [BS08b, HLJ09, KVK08, LWH09b, NST08, TGB08a, ZDC07]. **amplification** [CC06b, Van07b]. **amplification-fitted** [Van07b]. **amplitude** [CU09a, OW06a, SC07a]. **analog** [FHtMP06]. **analogues** [CZ08b, Moh08]. **analyses** [BG07a, FH09b, GP08]. **Analysis** [BGJ07, BD06, CFHM06, Chr09, Cui08,

DB08, Dol08, ER09, Fai07, GSBB09, HK07a, JW08b, LN09, LTC06, Nag09, NSC07, Tar09, TY07b, TV09b, WNZ09, WK07b, YA08, AHM09, ABD⁺05, AB09b, BP06, BF08a, Bou07a, BG07e, Bru09, BSKS07, CLGG09, CFV06, CY08c, CHS07, CNN07, Cho05, Civ07, Cop05, CHV⁺08, CDM07b, DP08a, dCDND06, DF09, Dom09, EKEHR08, EJ07, ÉT08, EPP⁺09, EKL⁺07, FFK05, GVC⁺08, GHT06, HCL08b, HeM05, HyLC06, HGS08, HL09c, IV08, Jia06, JW08a, KJ09, Kar06, KM09a, KG09, KKLY06, KS06, Koi05, KLS⁺07, Li06a, Li07a, Li07b, LZ09a, LY09, LWMT07, LLZ09, LP09, LL07b, LRB05, MDP08, MSB05, Meh05, MMS⁺09, Pie09, RK08a, Sen07, SC06a, Tac07, Tan06, Tor05, TM08, VMMM09, Val09, VRL07, VR08, VN09, WPC08, WCW09, WLL09, WZ06, WL09b]. **analysis** [Won09a, WH09b, XC08, XGM09, YC06, YZ09a, YZL08, YHH05, ZBB⁺05, ZC08b, vdBHPS07]. **Analytic** [GS06c, HAS08, Soh05, XFgS06, AS05d, AAK06, FG09, HPS06, JT09a, Lóp07a, MSP08, MSP09, NSS07, Osa08, Rea07, Sch08, Sza05b, VJ09, YA07]. **Analytical** [HLL08a, LKSC06, LM09a, QW08, RDH07, Tem07, eMH06b, Ahm07, ÁNPQ05, Bat08, FFSS09, HK08, HY09b, LYB09, LB07, PT09b]. **Analytical-numerical** [LKSC06, LM09a]. **and/or** [Fin08]. **Andersen** [GY08, YZ09b]. **anergy** [CSG05]. **Angelesco** [BFM09]. **angiogenesis** [KS07f]. **angle** [BBB07, Den07a, MS09b]. **Anisotropic** [AG06, YA07, CYM08, Jai06]. **announcement** [CSZ09]. **Annual** [Zhu08d]. **annuity** [Spr06]. **annular** [Li09c]. **annulus** [HC08]. **anomalies** [LB07]. **anomalous** [LYB09, LXZG09, Sch06a]. **anomaly** [yCyZ08, yCyZ09]. **antenna** [JAE09]. **Anti** [FWY09, GHZ06, Liu09a, yPyHZ07, Sha09b]. **Anti-periodic** [FWY09, Liu09a, Sha09b]. **anti-reflexive** [yPyHZ07]. **anti-symmetric** [GHZ06]. **anticontrol** [LY05b]. **antigen** [ZBB⁺05]. **antigen-activated** [ZBB⁺05]. **AOR** [Yun08b, tLxLIW07, THC08, WtL09, WS09a, Yun08b]. **APC** [CSG05]. **Apéry** [Zud05]. **Apéry-like** [Zud05]. **apparent** [MS06b]. **Appl** [AMO08, Asl10, ByXy06, yCyZ09, Dai11, GPPRB07, KYF05a, LC09b, LB10, LHL11, SZ09b, TGJ19, TSC10, Yun08b, ZJ12, vDvFZ13]. **applicability** [KM06]. **Application** [AYK09, AHM08, BMC09, CLQ09, CHS06, CMRS06, DS08, Ehr06, FHM09, GS07a, GJM07, HAS09b, Log08, LW08b, MSB05, QW06, SVC09, SZD09, Sid05, SS08, Svá08a, Abb07b, BLR07, BK09b, Boy09, BSS09, CW08a, Dol08, FHZ09, HO06, HL09c, KAP07, KRAH07, KSE09, Lan08a, LRV⁺09, LBS09, Mar08, Qi09, SV07a, SAFS07, Tor08, TM08, Val09, XTZ06, YB05, ZLLW08, ZLYW09, ACV05]. **applications** [Abd08, AZGN06, AABL08, AI06, BRVWM07, ByXy05a, ByXy05b, ByXy06, BFGM06, CMX09, CJCD06, CZ09, Che09, CD07b, DGS06, DS05a, DK06b, Gei08, Gei09, GS08, JAE09, Koh08, KKS⁺07, KLS⁺07, Lai09b, Lan06, Las09, LH05b, LHM05, LZ06, MC07, Ma08a, MST05, MJ07, Mon09, NH08, PT09b, PN06, QCK09a, SP09a, SCS08, SLN06, SS09d, TYZ⁺05, TV09a, TS06b, Tsa09, VMMM09, Wan07a, WPC08, WeR07, Wu08, YZ09d, YL09a, ZL09a, ZWY09, vdBHPS07, ÁNPQ05]. **Applied** [BBG05, AKW05, BSC07b, CU09b, Fin07, HBS⁺07, OMC08, PP09, Pul09, Suz05, VN09, WLMS08, WDC⁺08, ZXZ09]. **Applying** [TND⁺09, MK07]. **Approach** [CU09a, AS05c, AA08, ADLT09, BLR07, BMfX07, BS08b, BBB07, BNDN09, Cak07, CG08a, CS09a, Civ07, DA09, DS06, DVCH06, Den07b, EM06, FL09b, FG07, GGM06, GS06b, HS08a, HHST05, IOO07, JT09a, KL08a, Kho09, KGW09, LZ09d, MLL09, MP06a, MG08, MO07b, MLOP06, NL05, PW08, Pit09, RM07, SL06, Sie07b, SD09, Tok07, VV09b, WLMS08, XGZ09, YYF09, YZ09d, YJY06, YW09a, ZMH09].

approach-application [BLR07].
approaches [ABB07e, BBF⁺05, JM07a, SEAA08, Wil06, WDC⁺08]. **approximant** [GS08]. **approximants** [DMGVP05, GPTT05, GMFB06, MV05b, Mat07a, Sab08]. **Approximate** [Bat08, CY08a, GEK09, JKM09, MB07a, MNHA09, SyS08, YG06, And09a, BY09, ED06, Enr06, FC09, HL07b, HYG08a, LXX08, LS06c, MN07b, Smo06, Wil06, WA08]. **Approximating** [Lu09a, XW09, ELA09b, HR05a, Rom09, SRB06, SCS08, SH09]. **Approximation** [AS05c, Ben07, CC07, CGPS08, HV06a, KLLP06, KP08a, KP08b, LNL09, MW09b, PRZW08, Vol08, ZP06, Abb07a, AH07, AAK06, AR09b, And09b, BF05, BGRS05, ByXy05a, ByXy05b, ByXy06, Bla05, BCP07, BT09, CY09, CYZ09, CLN09, CEJ09, Cop05, CD07b, CK08, DH06, DR08, DP08b, EGFOA09, Eng09, Fai07, GJ08, GA09, GHZ06, GSBB09, GNP09, GNS06, GW06b, HS09b, Her09, HMG06, How09b, HV05, KP07, KR08, KSVW07, KKD06, LS07a, LF07b, LLT07, MW07, Mur07, Par05a, Par08a, PR08a, RD08, Roo06, SFSK07, SK09a, SWZ09, SY09, Svá08b, TG09, WT08, Wri08, Xu05a, Xu07b, YWD09, YB05, Yua09, ZW06a, ZLA07, ZLLW08, ZW08, ZYLY09]. **Approximations** [MY07, Yüc06, Zud07, ALR05, BLP07, CYB09, Chr09, CCS05, CH09, Dun06, EZ07, Fin07, Ham09, KS07c, LC08a, LY07a, LS05, Mao07, NH08, RVA07a, Spr06, TR09, VCD⁺08, YG07, YZ09d]. **aquifer** [Har08b, KY07]. **arbitrarily** [OTOR07]. **arbitrary** [EE06, ET06, GH08, KKLM06, Log08, LW06c, LLC08, SF08, SV09, TYZ⁺05]. **arbitrary-order** [Log08]. **Arc** [SLZ06, SFV09]. **Arc-length** [SLZ06]. **ARCH** [HL09c]. **architecture** [Saa06]. **area** [IT07]. **argument** [Ext99, Liu08a, LJ09, Mil06, SAD07, SWYZ09, XW07b]. **arguments** [GX09, MLH08, Sza08, WTL05, WSZ09, WSM⁺09, Won08, YLN09, ZL07]. **arise** [Woj06]. **arising** [CJCD07, Deu07, GZ05, Guo06, LXUK06, NL05, Nou07, TS05, Var07, WF09]. **arithmetic** [CKC⁺07, FHL07, MK07, RKAH07, SLMW06, VDL⁺06]. **arithmetic-type** [CKC⁺07]. **ARK** [Moi05]. **ARKN** [Fra05]. **Arnoldi** [LR09, LBS09, VRBF07, Wu07]. **array** [Oga06, OA06]. **arrays** [FIR06]. **arrival** [KL08a]. **artery** [ICW⁺09]. **Artificial** [HZBM06, AEET09, HLY09, Moh08]. **Asian** [DDV08, FL08a, Hug06, LWH09b, VDL⁺06]. **Askey** [CLO09, Koo07, VZ08]. **Askey-scheme** [CLO09]. **aspects** [ADF07, ÁNPQ05, BBPR09, BG07b, CDV08, CKWZ07, CLS08, Hui05, PD06, RS05a, Roo06]. **Assessing** [LWH09a]. **assessment** [GVC⁺08, Joh05]. **asset** [NST08, WWFV07]. **assignment** [FY06]. **assimilation** [MDB06, RCR05]. **assisted** [CBH07, Sch07a, Wat09]. **associated** [Ass09a, BISS05a, BBR05, Ben06, BFM09, Cho05, Cla05, DMGVP05, GM09a, GQ09b, Kok05, KW07, LZZ09, LF07b, LD06, Skr05, Swa06]. **associative** [SC07b]. **astronomical** [ABB⁺07d]. **Asymmetric** [DGS06, PRL09, Tay08, CT09b]. **Asymptotic** [BCGA05b, BDS08, CHBMBR07, Dom09, EPS05, FLS08, IV06, Jia06, KS07c, KTM09, LL01, LS05, Lóp07a, Luo06a, Osa06, Pet05, Sto05b, TV09a, Wan09a, WYO09, YM07, YXJG08, YW09b, AS05a, ADMM07, CdWJ06, Dun06, FL06a, IV08, JM07a, KT09, Lin09a, MM07, Oou08, Par05a, Par08a, RS05c, Sav08, SLH06, SK06, TXZ09, WYL09b, ZZ06b, vD05]. **asymptotical** [ABÇ06, XZL09]. **Asymptotically** [Gil07, Tem09, Thi09]. **asymptoticity** [Ela09a]. **Asymptotics** [RS05b, AGMMB05, CW05, CW08d, MOZ07, MOC09, MB05, Par09b, Par09a]. **Asynchronous** [EFS05, MSE08]. **atlas** [TM08]. **atmosphere**

[BB09a, CdVT07, SM07]. **atoms** [Sie07a]. **attempt** [Gau08, IOS07]. **attracting** [ABP06, ABB⁺07c]. **attractive** [LC06a]. **attractivity** [FL09c, LW05b, LH05a, LF07a, WJS⁺09]. **attractor** [ZZL08]. **Attractors** [LZ05, RW06]. **augmented** [BG07a, FHM09, GMM09, Sta07, TJ08, WHZ09, ZhL08]. **Author** [Ano05g, Ano05h, Ano05i, Ano05j, Ano05k, Ano05l, Ano05m, Ano05b, Ano05a, Ano05c, Ano05d, Ano05e, Ano05f, Ano06b, Ano06c, Ano06d, Ano06e, Ano06a, Ano06m, Ano06n, Ano06f, Ano06g, Ano06h, Ano06i, Ano06j, Ano06k, Ano06l, Ano07a, Ano07b, Ano07c, Ano07d, Ano07e, Ano07f, Ano07g, Ano07h, Ano07i, Ano07j, Ano07k, Ano07l, Ano07m, Ano07n, Ano08a, Ano08b, Ano08c, Ano08d, Ano08e, Ano08f, Ano08g, Ano08h, Ano08i, Ano08j, Ano08k, Ano08l, Ano09a, Ano09b, Ano09c, Ano09d, Ano09e, Ano09f, Ano09g, Ano09h, Ano09i, Ano09j]. **autocorrelation** [MPXK06, SJZY09, SJZ09]. **autocorrelations** [ZSGF09]. **automata** [Aki08]. **autonomous** [LC06b, ZCS06]. **auxiliary** [GH06, ZLYW09, ZA09]. **Average** [PR05, BH07b, Gu07, Kag09, MLY07, ZZL08]. **average-shadowing** [Gu07]. **averaging** [AHL⁺05, Cao08]. **avoid** [AMCM05]. **axes** [rWIC06]. **axial** [BFT07]. **axis** [GPTT05, vOP07]. **axisymmetric** [KS07b, Nke05, Soh05].

B [AM09a, AS05c, Bej06, CMS08, DSI06, GXZ06, KGA08, KRA08, KKD06, LWLL09, Maz08, Müh06a, Ros08, Sab08, WLL06]. **B-form** [WLL06]. **B-spline** [AS05c, GXZ06, KGA08, KKD06, LWLL09]. **B-splines** [Bej06, CMS08, DSI06, KRA08, Maz08, Müh06a, Ros08, Sab08]. **backed** [CH09]. **Bäcklund** [WHG07]. **backtracking** [Zhu05a, Zhu06]. **backward** [Dao07, HK07b, HR09b, KT07a, RLH09, TGJ19, Wil07, ZGH09]. **bacterio** [BLR07]. **bacterio-phage** [BLR07]. **Bailey** [LV07]. **balance** [DJ06, DJ07a, Pit09]. **ball** [HQ06]. **Banach** [AU09, AABL08, ACQ09, Arg09b, CAY09, DF08, FJG08, FD09, HLH07, Kaz06, KBA09, KA06, yL08, PG07, Par05c, QCK09b, QCKK09, RS05e, Sal09, Thi09, WYL09b, XH08, ZTY07, ZC08a, ZLL08]. **band** [Fer07, VMV07]. **band-limited** [Fer07]. **banded** [NS09a]. **barrier** [Tar09, WKY⁺07, YW09a, YSY09]. **barycentric** [PR07]. **based** [AAPP07, AA08, AG06, AMV06, ABR07, BP07, BGV⁺09, BC06, CG08a, CLM06, CGPM08, CK09a, Cas07, CM05b, CHS07, yCyZ08, CP08b, yCyZ09, CGP09, CT09b, CDMR07, DC08, DOY08, EIM⁺09, FR06, FC09, Gás09, Gem05, GC09, GH08, GDA07, GPS09, GBR09, HPS06, Han08, HTS09, HH07a, HG09, HO07, KKW06, KBA09, Kho09, LT05, LH08a, LW08a, LC08b, LL07b, LYZ09, Ma06, MC08, MDP08, MDT07, MT05, MPP09, MLY07, MNMS05, MS09c, NS09a, NT08, NQDJ06, NaLH07, NMM07, PK09a, Pit09, QLJ09, QZY09, RVA07a, SK05, SJV⁺09, SS09c, SZ09a, SRW09, Sin09, Śmi07, SLZ06, Sur05, TH07, VVV08, VCD⁺08, Ver08, WK07a, WYW08, WOK05, WeR07, XGZ09, XC06, YOY07, YLSX06, ZLdST09, ZLLW08, ZW09a, ZSGF09, ZZ09a, ZT06b, vdBHPS07, JKK06, OZL09, PW08]. **bases** [BBM07, FTT⁺05, MB06, WC08]. **Basic** [rWIC06, ABI07, LV06, MJ08a]. **basis** [BB07, DS09b, DT06b, JAE09, LÅH08, LW08b, OS07a, PLMP08, Pir09, RB05, Sch08, SBO09, STB09, VS08, WZD09, YXYJ06, vOP07]. **basket** [DDV08, LO08]. **batch** [CK09b, KL08a, Liu09c, QW08]. **batch-arrival** [KL08a]. **Bayesian** [Cal07, Tor05, YYF09]. **BDF** [MVVA06, RVA07a, VAMVC05]. **BDF-type** [RVA07a]. **beach** [Ehr06]. **beam** [FIR06, lLzS07, WCL08]. **beam-induced** [FIR06]. **beams** [AT09d]. **bearings**

[BSKS07]. **bed** [DP08b]. **bed-load** [DP08b]. **behavior** [AA09b, BM08b, CC09, CHL09, EPS05, LMZ08, LJM09, Lin09a, LZD09, Luo06a, Pet05, PP05, TH07, Wan09a, Yan06c, YM07, YSYX08, YW09b, Zho09b]. **behaviors** [CLCL07, CHJZ09]. **behaviour** [BdWG06, CL06a, CP09b, FDFL07, FN09, JM07a, KT09, LLT07]. **being** [SHC08]. **Bell** [Dom09, Par09b]. **belonging** [BBR05]. **BEM** [Bou07a, Scu09]. **Benjamin** [OOO⁺07]. **Berger** [Tur06]. **Bergman** [BFGM06]. **Berk** [AG09]. **Bernfeld** [ZWF09]. **Bernoulli** [CDL05, Gau08, RK08b]. **Bernstein** [Ber05, BB07, BI08b, CEF08, KA08, LW06a, Lin07, LW08b, Lu09b, Sau07, Sza05a, Win06]. **Besov** [GO07, Kam07]. **Besov-type** [GO07, Kam07]. **Bessel** [Sto05b, DMS05, DGS06, DA06, EK07, Har08b, LL01, LD06, Par09c, Xia05]. **Best** [Xie08, BISS05a, KY06, Qi07, QG08, Qi09]. **Bethe** [Sie07a]. **Between** [CK06, AM09a, BCGA05a, COEV05, CFS09, CCW⁺09, Den07a, DCZ07, FLS08, FT05, HS09a, LW06a, LW08d, Tab07, Waz07a]. **Beyond** [Jay07, MGV07, CSSL09, JLNP06, Sie07a]. **Bézier** [CCW⁺09, HMH08, KI08, KA08, LW08b, Lu09a, Lu09b, WLL06, XW09, HW08]. **Bezout** [AGRZ06]. **BFGS** [LNL09, XZ08, XSW09, YLW09a]. **BGT2** [RDH07]. **bi** [CY09, CBDGVN07a, CBDGVN07b, DZLL06, GZLL09]. **bi-conjugate** [GZLL09]. **bi-harmonic** [CY09]. **bi-orthogonality** [CBDGVN07a, CBDGVN07b]. **bi-quadratic** [DZLL06]. **biarcs** [MW08]. **bias** [CV06, Han05]. **Bibliography** [Ano05-38]. **BiCGStab** [GM07b]. **bidagonal** [TM09]. **bidirectional** [SC07b]. **BIEs** [FG09]. **Bifurcation** [JW08a, Ko07, LSTS06, WZ06, XC08, CCS05, DL09b, FN09, KLO08, LRB05, XGM09, Yan06a, YC06, YHH05]. **Bifurcations** [ZCH07, LY05b, ZCZ08]. **biharmonic** [ALR05, Dan06, MDT07]. **bilateral** [Gon06]. **Bilevel** [CG08a]. **bilinear** [KV09b, RS05c, WHG07]. **billiards** [ET06]. **binary** [Ahm07, MCD06, Tor05]. **Bingham** [NT08]. **binomial** [KG09]. **biochemical** [SLN08]. **Biography** [Lor05]. **bioinformatics** [HKK07, KLS⁺07]. **biological** [HSN09, Nag09, RKAH07]. **Biorthogonal** [CP09c, ARN07, KM05]. **biosciences** [Car06]. **biparametric** [HL07a]. **Birkhoff** [NBSV08, Fin08, WZD09]. **birth** [Chr05, GLV05, SMT07, YH07]. **birthday** [VAW07]. **bisection** [fLxXT08]. **Bivariate** [CDV08, WL06a, dMFPP09, BRIP09, CG08b, CJ06, DL05, DZLL06, GU08, Liu06, LLC08, WFL07, Win06, ZW06b]. **blades** [DDL09]. **Blasius** [AS05d, PT09a]. **Blended** [BMM06, BM07b, DD08]. **blending** [ZT06b]. **Blind** [SJZY09, SJZ09, SC06b, ZSGF09]. **Block** [KL09, ZT06b, BM08a, Bog05a, BJSS06, DKHNZ08, HR05c, KT07b, Śmi07, TM09, WWM07, Wu07, yZXL09]. **Block-based** [ZT06b]. **block-pulse** [BM08a]. **block-SOR** [DKHNZ08]. **block-triangular** [Śmi07]. **blood** [ICW⁺09, MG08]. **blossoms** [Maz08]. **Blow** [Du07b, KV07, Gal09, HO06, MO07a, Rob07]. **Blow-up** [Du07b, KV07, Gal09, HO06, MO07a, Rob07]. **blowflies** [LF07a, LD08]. **Blowing** [CC09, NMKS09]. **blowing-up** [NMKS09]. **blowup** [MJX09]. **blurring** [DESC07]. **Board** [Ano08m, Ano09k, Ano09l, Ano09m, Ano09n, Ano09o, Ano09p, Ano09q, Ano09r, Ano09s, Ano09t, Ano09u, Ano09v, Ano09w, Ano09x, Ano09y]. **Bochner** [VZ08]. **bodies** [KBSK08]. **body** [ABF⁺07, CFS09, TANT09, XZS07]. **Boltzmann** [DL07a]. **boosting** [ZZZ08]. **Border** [SB09]. **Born** [BCP07]. **Bose** [CCCH09, Wan07a]. **both** [SC06a]. **bound**

[AT09c, DFY09, DS05c, LH07b, PIP07, Qi08, QGC08, SDP09, SV07a, XZ08, Zhu05a, Zhu06, Zhu08a]. **bound-constrained** [AT09c, Zhu05a, Zhu06, Zhu08a].

boundaries [And08, BBSV08, SLN08, XKF06].

Boundary [BN08a, DESC07, Koh07, Sma05, WYS09, eMH08, AABL08, AM09b, AGH06, Att05, BNT08, BV06, CD05, CM05b, CMST06, Cha07, Cha08, CHCW05, CS07d, CDL05, CD07b, CHY05, CG07, Dan06, Dao08, Di 07, DLG05, EE06, EZ07, EGO06, EGFOA09, EJ07, FZ09, FH07, FI07, FJG08, FZ08, Fin07, FOP05, Gao05, Gao06, GC09, Gil07, GJL08, HK07a, HL07b, HY09a, HZBM06, HLX06, He05, Hem06, HCDP08, HVV09b, Hon07, HR09b, HLY09, Hug06, JLNP06, Jan08, JG09, Kar07, Kar09, KMJ06, KV07, Koy09, Lan06, Lan05, LS06b, Li06b, lLzS07, LS09, LZ09a, Li09b, LFHW09, LS07c, LZ08a, LZ08b, LZ09b, LZ09c, LZW09, LM09a, LJL06, LT06b, Liu08b, LLW09, Liu09d, Log08, LOA05a, LOA05b, Lu07, xMzY09, MDT07, MD09a, Moh05, MD09b, NM06, NMMS05, NMM07, OYA07, PS07a, PS09a, PK09a, RS08a, Rea07].

boundary [RS07b, Sal09, SFSK07, SA08a, SK09a, SZ08b, SD09, SÁ08b, SO05, SDV07, Sto05a, Sun08, SLZA09, Tat06, TSB09, Tur06, TM08, Wan07c, WWC07, WWW08, WG08, WSZ09, Won09a, WLK06, WKL06, XWZH08, YS06, Yam08, YOA06, YS07, YLN09, Yao09, YL09b, YCJ09, Zha09a, Zha05, ZCL06, ZFG08, ZC08a, ZLL08].

boundary-layer [eMH08]. **boundary-only** [Gao05]. **boundary-value** [AABL08, AGH06, FJG08, MDT07, YL09b].

Bounded [MY06, MY08, BCGA05a, DL08a, DL08b, FG08, KI08, Koh07, Luo06b, Roo06, YJJ09].

Boundedness [AHL⁺05, BGG07].

bounding [MDT09, NSS07]. **Bounds** [AR06, DDV08, LvGJ06, MS05a, VDL⁺06, YH09b, ADGH06, ADD⁺08, BM06, BS07, CL06c, DSW08, DD07, Deu09, ED06, Har06, HYG08b, JM07b, Li08, MS07b, Mor07, MCD06, NH08, Neu08, PK07, Qi07, QG08, Qi09, Shi07, TR09, XDW05, YW08, Zhu08b].

Boussinesq [Gin08, HEOS05, Lai09a, LWLL09, Waz07b, ZT06a]. **box** [Bej06, CGPS08, FKM05, LMS08b, MRSZ07, BBC07]. **box-constrained** [FKM05]. **box-spline** [Bej06]. **box-splines** [CGPS08].

Bradyrhizobium [MMS⁺09]. **brain** [SNV06]. **branch** [BCeAJ09, Boy09, CS09a, DS05c, SDP09].

branch-and-bound [DS05c]. **Branges** [KS05a]. **Brazilian** [MMS⁺09]. **Breakdown** [RT09, RT08]. **Breakdown-free** [RT09, RT08]. **breakdowns** [WWP09].

Brown [GXgL05]. **Brownian** [FW09]. **Bruno** [CHS06]. **bubble** [LKSC06].

bubble-type [LKSC06]. **budgeting** [Hua07]. **Burger** [AS05b]. **Burgers** [BSC07a, BSC07b, BSC09, CP09b, DA08, DL07a, Gei09, HS08a, KTH08, LLZ09, LYZ09, MNP08, Rad05, Sma05, Waz07b, XHK⁺08].

Burgers'-type [KTH08]. **Burgers/Korteweg** [DA08]. **Burmeister** [CP08b, CGP09]. **business** [ZL09b]. **BVP** [HJK09, SS09b, Wei09]. **BVPs** [AS05e, AKW05, CN07, Has06, Jia09a, Kor06].

C [Yun08b]. **Cahn** [BN08b]. **calcium** [BCeAJ09]. **calcium-mediated** [BCeAJ09]. **calculation** [DJ06, EZ06, FPP08a, MVV08, Mot06, SJV⁺09, Wil06]. **Calibration** [Pir09]. **Can** [EFP06]. **canal** [XFgS06].

candidates [WC07]. **Canonical** [Ped05, BC06, Wu08, ZTG09]. **cantilever** [WCL08]. **capacitated** [KCK09]. **capacity** [BJ06, KCK09]. **capillary** [GMFB06, GGP09, KPAT07]. **capital** [BK09a, Hua07, ZL09b]. **Capturing** [SRB06, SBK07, WK08]. **Carathéodory** [BGVHN08, JN09]. **cardinal** [Bej06, Liu06]. **cardinality** [FY06]. **Carlitz** [Dom07]. **Carlo** [HSN09, Lai09b]. **Carrier** [OW06b].

Carter [DD07]. **case** [ADÓ07, BNDN09, CDM07a, CCLS06, CDM07b, DV06a, DESC07, HK08, Kag09, Tup07, Wik08]. **cases** [Daa09a, DA09, NP07]. **Casoratian** [WHG07]. **Catmull** [ZC06]. **Cauchy** [AS07, DL09a, DS08, ELA09b, HLF09, Kou08, LL08, Mai08b, QFX06, QWS09, RW09]. **causal** [BBPR09]. **cavity** [LYT07, RVM08]. **CE** [QW06]. **CE/SE** [QW06]. **cell** [CSG05, CG05, EPP+09]. **cell-centered** [EPP+09]. **cellular** [Aki08, LMZ08, Liu07]. **censored** [LWH09a]. **censoring** [KG09]. **center** [DL09b]. **center-focus** [DL09b]. **centered** [Ber06a, EPP+09]. **centers** [CZ09, YJGL07]. **central** [CD07a]. **central-WENO** [CD07a]. **centro** [XZL08]. **centro-symmetric** [XZL08]. **centrohermitian** [LF07b]. **centrosymmetric** [LF08]. **cepstrum** [SJV+09]. **Certain** [AUY06, Mil09, VK06, AHL+05, BNP06, CS06a, CS07a, CK07, CS09b, DJ07b, GG07, MN05, MA08b, sR07, YM07, ZWY09]. **Certified** [Neu08]. **Cesáro** [AHL+05, CV05a]. **CF** [Waa05]. **CF-coefficients** [Waa05]. **CFD** [PLGS09]. **CFSE** [DP05b]. **CG** [ABG06a]. **chain** [DC09b, MDP08]. **challenges** [XHW07]. **challenging** [Lia05]. **Chance** [Hua07]. **Chance-constrained** [Hua07]. **change** [KK09a, KS06]. **changes** [FN09, MGMT06]. **changing** [LLW09, LOA05b, SS09b]. **channel** [HAS08, LRV+09, LCKK06, MM06]. **channels** [Khu06]. **chaos** [CBH07, LY05b, MSA09, SA09, SS09a]. **chaotic** [NaLH07, Par08b, TH07]. **Characteristic** [eMH05, eMH06a, HHZ07, KV05, VLR08, YY07a, Zar09]. **characteristics** [BSKS07, CJ09a, SY09]. **characteristics-mixed** [CJ09a, SY09]. **Characterization** [HL08, Ism07, VZ08, AÁN07, BM07a, CLO09, CHS06, HR05b]. **characterizations** [ÁN06, FPP08b, HCDP08]. **Characterizing** [BC09b]. **Chebyshev** [ABGH08, ABBM09, BCGA05b, BG07d, Boy09, KTH08, KK05, KAC05, KW09, LW08b, MDT07, Mat06, Osa08, RVA07a, RVA07b, sR07, SFSK07, Sto08, VRBF07, Xie08, YLS07]. **Chebyshev-type** [RVA07b, sR07]. **Chebyshevian** [Maz08]. **chemical** [Eng09, Tar09]. **Chemotactic** [SLN06]. **chemotaxis** [Eps09]. **chi** [SD06]. **chi-squared** [SD06]. **Chlodowsky** [KI08]. **choice** [AML07, GM06, vOP07]. **Choosing** [CFGVP07]. **Choquet** [KM09b]. **Christoffel** [And08, And09a, BC09b, BD07, CBGV05]. **chronic** [YY08]. **Ciarlet** [CY09]. **circle** [BCGA05a, BR09, BDGV09, CBGV05, CBDGVN07a, CBDGVN07b, Khr05, Mar07b, Pet08, Tem07]. **circles** [HS09a]. **circuit** [FHtMP06]. **Circular** [SACJ09, Ber06b, CMM09, KM09a, Var07]. **claim** [KG09]. **claims** [LT06a, ZLY09]. **Clark** [ZC06]. **class** [Arg07, Arg09a, AT09c, BT06, BGP09, BF09, CC09, CS09a, CJB05, DL08c, Dio09, EIM+09, FWY09, FJG08, Fra06, GQ09b, HC09, HNS09, HK07b, Hon08, Jan09, Koç08a, LmY08, Liu09a, LGYH09, Liu09b, LW08c, MJ09, MB07a, MJ08a, MVVV06, MLH08, MA08b, MI09, OZY05, PS09a, PJ08, Qi07, QG08, Qi09, SLN08, SCS08, Sha09b, Sid05, Sid08, SK06, TGJ19, TRST09, UHNC09, WWC05, WLL07, WCW09, WF09, WTZ08, XH08, Xie08, XWZH08, XLHZ05, Yao09, Zha05, ZSZ09, ZW09d, dMFPP09]. **classes** [BBR05, FPP08a, LXSH09, ZLY09]. **classical** [AÁN07, ÁN06, ABP06, ABB+07c, AGRZ06, Ask05, Car05b, CG06, CSSL09, EKL+07, FPP05a, KMJ06, Kra06, NT06, Pet07b, ZCL09]. **classification** [eMH05, ADLT09, DC09c, GPS09, IS06, ZZZ08]. **Clenshaw** [CE09, HS05]. **clinical** [Ver05]. **clock** [Nag09]. **closed** [BGG08]. **cluster** [MMS+09]. **clustering** [HKK07, SAFS07].

Clusters [Par07a, NSS07]. **CMRH** [HS08b]. **CMV** [Sim07a]. **co** [BLR07]. **co-evolution** [BLR07]. **Coalescent** [TL07]. **coalitions** [YZ09e]. **coated** [CCM07]. **coatings** [CH09]. **COCR** [SZ07a]. **code** [Gao05, Gao06, Sak09, SS08]. **codes** [CGPM08, CM05b, WWW08]. **coding** [CZ08a, NQDJ06]. **coefficient** [ASL07, CX07, HV06a, HAS09b, IS06, YYF09, YKS09]. **coefficients** [Asa05, BM06, BP09, CJCD06, Dem07b, DA06, DI06, ED06, FNW06, Gon09a, HV05, IO06, Jai06, KT09, LMZ08, MP08a, Roe08, SyS08, SZ08a, SZ09b, Woj06, Wri08, XCZ08, YLSX06, YSYX08, ZLYW09, Waa05]. **Cohen** [SC06a]. **coherent** [DM05]. **cohesive** [ADF07]. **cohomology** [CK07]. **coincidence** [HL09a]. **collage** [KLV09]. **Collective** [HL09a]. **collector** [Shi07]. **collinear** [AT09c]. **collisionless** [Dem07a]. **Collocation** [CDM07b, Dio09, AM09a, Alh06, ACWL07, AKW05, CD06, CDMR07, DP05a, DL08c, Fin07, KGA08, KRA08, KTH08, KKLY06, LT06b, MDT07, MMM08, MNMS05, NMMS05, PT09a, PT06, RZ07, SZD09, WLK06, WKL06]. **collocation-finite** [MMM08]. **column** [Ata07]. **Combination** [MO08, GNS06]. **combinations** [BBR05, DJ09, Kho09]. **combinatorial** [ABC06]. **combined** [Cui07, XGZ09, YXF07]. **Combining** [TBL09, bJyKyZmT09]. **combustion** [AR06, ABD⁺09]. **come** [DA09]. **Comment** [Asl10, KGW09, Mil06, Mil07, NK10, TSC10]. **commentary** [Gau08]. **Comments** [Jan09, Sto05b, TGJ19, ZJ12, Ter05]. **Common** [Thi09, CS07e, EEGG08, Jai06, QCK09b]. **communal** [BNDN09]. **communication** [EFS05, MGS08]. **communication-less** [MGS08]. **community** [SM07]. **commutation** [BGJ07]. **commutative** [Kom07a, Kom07b]. **Comonotone** [FOT07]. **Comonotonic** [DD07]. **Compact** [Sut07, ZDC07, CK07, DZ09b, FLS05, GHMPV09, GC06, HRGD08, KCK06, KDN08, LT07, Liu06, MD09b, SS06c, TGB08b, TG07, TM08, WG08, WZ09a]. **compacton** [TY07a]. **companion** [BG07d]. **comparative** [Car07]. **comparing** [GJM07]. **Comparison** [BBM07, BB09b, DGR07, Li05c, Rad05, Sav08, WHF07, XTZ06, Eba09, JVVvdZ06, JH08a, NK10, yS05, VB05c, Waz07a]. **Comparisons** [BDHW07, SD06]. **competition** [CXS06, Ko07, THS05, Won09a]. **competition-diffusion** [Won09a]. **competitive** [LC09a, LOZ08]. **complement** [Deu09, NL05]. **complementarity** [BK08, CP08a, CGP09, Cho08, Don09, GKM07, HYYF05, HHC09, JTHZ05, JD05, NB06, Sch07a, WCH05, WB09, ZJW08, ZLL09, Zho09a]. **complements** [Bac09, LHL06]. **complete** [GM07c]. **completely** [Din05a, GQ09b, Qi07, QG08, Qi09]. **completeness** [Ism05b]. **Completions** [CK09a]. **complex** [AMO07, AMO08, BSMT09, CdAHBR06, CFGVP07, FS08, LC08a, LY09, Lui09, MH08, MSB05, MBA09, RS05b, SA07a, SZ07a, TMG09, Wu08]. **complex-step** [LC08a]. **complexity** [DFZ07, JF06, SZ09a, YXF07]. **complicated** [SSW09]. **component** [BP06, CHS07]. **components** [GBR09, ZGSF08]. **componentwise** [XW07a]. **Composite** [HV05, AMV06, Civ07, LN07b, TV09b, ZWY09]. **Composition** [GS09, SS06b]. **compositions** [Dun07]. **compound** [MS06b]. **compressed** [WFL07]. **compressible** [ACV05, Cui07, Cui08, GWG08, Koh07, MS09c, Yan06c]. **compression** [HV06c, LM08]. **Comput** [AMO08, Asl10, ByXy06, yCyZ09, Dai11, GPPRB07, KYF05a, LC09b, LB10, LHL11, SZ09b, TGJ19, TSC10, Yun08b, ZJ12, vDvFZ13]. **computable**

[CdAHBR06, TR09]. **Computation** [ADGH06, AMO07, AMO08, BSS08, CU09a, CDMR07, HS07b, HCL08b, How09a, NMKS09, R0b08, AGM06, BHP07, CHXL06, Daa09b, DB08, DV08a, Dub09, DL07b, ET06, FPO05, Has09a, KW07, LMS08a, Lan05, RK08b, SLN08, SCG08, SV09, Tab07, TM09, UO09, VB05a, VLR08, WK08, YZ09d].

Computational [BBF⁺05, CDV08, KPAT07, Roo06, Tsa09, ZC06, AT09c, MDP08, PPV05, PD06, RB06, SW06a, TS05]. **computations** [Deu09, DD08, VV05a, ZFS09]. **compute** [Ehr06, Gau08]. **Computer** [GKMS09, CBH07, GW09, IOS07, Sch07a, Wat09]. **computer-aided** [IOS07]. **computer-assisted** [CBH07, Sch07a, Wat09]. **Computing** [CJP08, Cha07, CCW⁺09, FPP05b, Gau05a, NSS06, PPV05, Tup07, WWW08, Wat06, ZZ07, BSST08, BD07, DRT09, GZLL09, HM09a, KT07b, LSW09, LL06, MVVV06, MN07b, NL05, Scu09, SZ09a, TA09, VT06, ZYLY09]. **concave** [AMG07, ZTG09]. **concentrated** [BJ06, Wac05]. **concentration** [BGGC07]. **Concentrators** [KBSK08]. **concerning** [LTC06]. **concrete** [BM08b]. **condensates** [CCCH09, Wan07a]. **condensation** [VS08]. **Condition** [SZ09a, WD05, CL06a, Dao08, HKA07, Hem06, Koy09, LCH07, LTW07, LS08, LGYH09, LD06, LOA05a, MS09b, NP06, NP07, RDH07, RS07b, SHK⁺08, SHC08, SZ08b, SD09, Win06, XDW05, XW07a, YS06, YL06, YLS07]. **conditional** [VCD⁺08]. **conditioned** [ABL07, OTOR07]. **conditioning** [CM05b, CMST06]. **Conditions** [MO07a, Ant09, AE07, BNT08, BV06, BGG07, COEV05, Cha07, Cha08, CHY05, DESC07, DHS09, EZ07, EGO06, EH06, FT08, FHH08, FJG08, FNW06, FOP05, GK07, GC09, HL07b, HZBM06, Har06, HW07, HR09b, JLNP06, KV07, KLLP06, Li09b, Log08, LP07c, LW08c, MYY07, Rea07, SK09a, SO05, SDV07, WWW08, Won05, Won09a, YOY07, ZFG08, Zho06, ZCL09, Zhu08a]. **CONDOR** [VB05c]. **conducting** [IV06]. **conduction** [CCH06, DA08, HTS09]. **Conductor** [Maz06]. **cone** [CP08a, CL09b, GGA08, HYYF05, ZLL09]. **cones** [ADÓ07, GZX09]. **Conference** [Ano05n, Ano07o, PRZW08, Ano05o, HH07c]. **Confidence** [MPP09]. **configurations** [Mar07b]. **confluent** [Ell06, YWH05a, YWH05b]. **conformal** [BDHW07]. **Conforming** [MK09, CC07, GHT06]. **congestion** [Kho09]. **congruential** [Wik08]. **conic** [HW07, QZZ08, QZY09, Zho09a]. **conical** [Civ07, Nke05]. **conjecture** [Bak05, JB09, MK05, ZWF09]. **conjugacy** [LTW07]. **Conjugate** [FJT07, And09b, BW06, CXH09, GZLL09, HL07a, HTS09, LLZY06, LTW07, RH06, SG09, SSZ09, TMG09, YLW09b, ZZ08a, Zha09b, ZJ12].

connected [BDHW07, CC09, KS05b, WN08]. **Connection** [BCGA05a, CC05, GS07c]. **Connections** [LW06a]. **Conservation** [AMG07, Ben06, CD07a, DVCH06, JKM09, LZZ09, Mur07, TS08, ZL05]. **Conservative** [SF08, WCZ07, Mat07b, Mat08]. **considering** [WC07]. **Consistency** [KRAH07]. **consistent** [AB09b, DB08, Kul09, WHG07]. **constancy** [WYO09]. **Constant** [ASL07, BS08a, Bra07a, DIKZ07, Gon09a, HKA07, HMG06, HSL08, Kas06, Men09, Pré08b, Roe08, YLN09]. **constants** [Cof09b, DCZ07, Osa06, Sch06a]. **Constrained** [Ker09, KA08, SC06b, AT09c, BS09b, Bor07, CR09, FKM05, GBR09, HCL08b, HV06b, Hua07, JTHZ05, bJyKyZmT09, bJxC09, JZW08, Liu05, Lu09b, MZW06, SP09b, TJ08, VRL07, VB05c, WCH05, WZ09b, XZ08, ZW08, ZGSF08, ZXZ09, Zhu05a, Zhu05b, Zhu06,

Zhu08a, Zhu08b, Zhu08c, ZA09, BG07e].

constraint

[Cim09, GHZ06, Lan08b, PP08, YD08].

constraints

[BDL09, CCK06, GGA08, HCDP08, bJQlZ07, KYF05a, KYF05b, Lan08a, MRSZ07, SV07a, TLQ08, WTZ08, YJJ09].

constructed [Chu08]. **Constructing**

[yPIH05, TM08, MJ08b]. **Construction**

[BJ08, CW08a, Sav09, ABP06, Bej06, CMS08, DL08a, Han09, MST05, Nov08, Ros08, VJ09, VW06, ZTY07]. **Constructive**

[LS06c, Sie07b]. **consumer** [LL07a].

consumer-resource [LL07a]. **contact**

[AB09b, CFHM06, CFV06, CFS09, Cop05, DHS09, FvZ06, GKM07, HV06a, NT08, SL09, Sta07]. **containing** [AR09c].

containment [Lin07]. **context** [FGB07].

contexts [CLP08]. **contiguous** [RI06].

continuation [How09a, Lóp07a].

Continued

[Khr05, BJJ05, LW05a, Lut07, VK06].

continuity [HW08, Lu09a]. **Continuous**

[DR08, Zar09, ARG08, ABET08, BJ07a, BS09c, CX08, FR07, Gal06, HQ06, KS09, KM09b, KV07, SP06b, WZ07, Xio07].

Continuous-discontinuous [Zar09].

continuously [SC06a]. **continuum**

[EMMP07]. **contracting**

[BeMBH06, EFS05]. **contraction**

[Bad08, CAHAY09, KLV09]. **contractive**

[ACQ09]. **contracts** [BBM09, VV09a].

contrasts [FNW06, YA08]. **Control**

[AHM09, SA09, AZGN06, ASL07, BBD06, Bor07, BSV08, BK06, CM07, CY09, CR09, CL08, Chr09, CCK06, FR07, GM06, GL06, HS09a, HWSL05, Hei05, HH07b, HL07c, HGS06, JL07a, KV09b, KS05b, Lan05, LT05, LW05b, LFS08, LFW09, LTC06, LY07b, Liu09c, MZC08, Mar08, MSA09, MLOP06, Par08b, PN06, Pul09, SAHS09, Sma05, Wod05, WTZ08, WWP⁺08, XXL08, YZ09a].

Controllability [HMPR07, Tat06].

controlled [GK09, KR07]. **controllers**

[XXL08]. **controls** [GF08, LOZ08].

Convection [SRW09, Alh06, Bog05a, Bog05b, CJ09a, Deu09, DZ09a, Dol08, EKEHR08, GSBB09, Hoo08, IS06, KGA08, Kas06, KHK08, Lin05, LYT07, LS05, MV08, MA09, OS07c, PP09, RK08a, Roi07, SSW09, TG07, YZ09a, YY07a, Zar09, ZT06a].

Convection-diffusion [SRW09].

convection-dominated [CJ09a, YZ09a].

convection-reaction [KHK08]. **convective**

[eMH08, Min05]. **conventional** [Jay07].

Convergence

[BJ06, BJSS06, CJB06, CL06a, CS07e, CHJZ09, CQ09, Cim09, GAC⁺08, GAR07b, KI08, KKLY06, KD06, LkLkP09, LGYH09, Mai08a, OTOR07, PD06, QCK09a, QCK09b, RHQ06, SST09, SS06a, THC08, VRBF07, Vin09, WLY05, WWM07, WH09b, XCZ08, YL06, YLS07, Yun05a, Yun08a, yZXL09, ZW09c, ZC08b, ABGH08, ALR05, AK09, Arg07, AR09c, Arg09b, BMfX07, Bak05, BJS08, BS07, BR07b, BRW09, BH07b, BJJ05, BS09c, CY08c, CV09, DJ05, DD06, EH06, FH09a, GK09, HR05a, HK07b, Hom05, Hom09, HQ06, Hu05b, HLJ09, JD05, JK07, KYF05a, KYF05b, Kaw07, Koç08a, Koç08b, KLW07a, KLW07b, Kou08, LW05a, LMZ08, LS08, LZ09a, Liu05, LYW08, Lut07, MC08, MZW06, MM09, NS09c, OS07c, OS07b, PS07a, PS09a, PK09b, QCKK09, Sha09a, SX09, Sic08, Sto05a, TGJ19, TD07, Tem09, TFC07, VB05b, VN09].

convergence [WT08, YOY07, Yam08, YN08, YSYX08, ZBL08, ZZ09c, dS07a].

Convergent

[PV09b, ZHG⁺09, BB05, CGP09, Fan09, FHH08, Gau05b, GL07, bJxC09, KGA08, KK08, LP06a, Osa06, Osa07, XSW09].

converse [BI08b]. **conversion** [WLL06].

Convex

[AMG07, ADGH06, ACWL07, BCK07, CL08, DL07b, Fan09, GZ05, KYF05a, KYF05b, KAP07, KK09c, LYW08, MP08b, SCM09, SDP09, XSW09, YXF07, ZW06a].

Convex-concave [AMG07].
convex-convex [SDP09]. **Convexity** [JT09b, ADD⁺08, SC06b].
convexity-preserving [ADD⁺08].
convexized [ZF09]. **convolution** [AS05c, BS08a, Civ07, CD06, FDFL07, Kok05, MRV09, Swa06]. **convolutions** [FH07, Lóp07a]. **cooling** [SS08]. **coordinate** [LO08]. **coordinates** [Dmi08, LT07, SBO09]. **Copenhagen** [PRL09]. **copula** [HG09]. **copula-based** [HG09]. **copy** [LRH07]. **core** [SM07, YZ09e]. **Corner** [CO05]. **corners** [HL07b, HW08]. **Cornu** [WM09]. **corrected** [MPP07]. **Correction** [DS06, Fu08, Han08, Kuz08]. **corrections** [GGM06]. **Corrective** [AFT⁺07]. **corrector** [Den07b, Din05b, PS05]. **correlated** [HSN09, WWFV07]. **Corresponding** [RS05e]. **Corrigendum** [Dai11, GPPRB07, SZ09b, vDvFZ13].
corrosion [AS07]. **cost** [CHBMBR07, JRM09]. **Cotes** [KV09a]. **Coulomb** [HV06a, LVV05, Sch06a].
countable [BS09c, NS09c, PK09b].
countably [GGG09, GS06c, JG09, LZ08a, LZ08b, LZ09b, LZ09c]. **Counter** [Bak05, YKS09]. **Counter-examples** [Bak05]. **Coupled** [BM08b, BBSV08, AS05b, BV06, BTS07, CYZ09, CX06, CN08, GKM07, HG09, KA07, LRV⁺09, zLCgS06, MDP08, SM09, Tac07, TRS07, VDV08, Wan07a, WWW08, WNZ09, ZZZ09, ZLDW09]. **Coupling** [DM07b, BG07c, BGG08, KCLW08, LC08b, RS07b, Sch06a]. **coupon** [Shi07]. **Cournot** [GG08, GR09]. **Cournot-like** [GR09].
covariance [Sen07]. **coverage** [MPP09].
covering [FH07]. **covolume** [Bi08a, CJ09a]. **Cowell** [RVA05]. **CP** [LVV05]. **crack** [WDC⁺08]. **cracks** [BKT07]. **Cramer** [DSMY06]. **Crank** [PP09, WKY⁺07, YWD09]. **Creating** [TMOG07]. **Credibilistic** [Kag09]. **credibility** [LLS09]. **credit** [HO09]. **crimes** [KS07a]. **criteria** [CS06a, CS07a, CK05, HM09b, LmZbL07, LZG⁺09, LB09, LM09b, LB10, MS08a, Maz06, PT08b, Sak05, SZ08a, SZ09b, TXZ09, Wan07b, WWC07, WML08, XL07, XX09, YN08, Zhu08d]. **criterion** [HJR07, MSE08, Sin08]. **Critical** [Jar09, AR06, MY06, MY08, Xia07a, ZCZ08].
cross [QLJ09, VV05b, WF09, ZW06b].
cross-cut [ZW06b]. **cross-diffusion** [VV05b]. **cross-diffusions** [WF09].
cross-entropy [QLJ09]. **Crouzeix** [BR07b].
crowding [BDHW07]. **crystal** [BRVWM07].
crystallization [QW08]. **Cubature** [LM07b, EFP06, GN09, KV09a, Möl07, OS06b, PSV08, SV09, Sto06, Tay08]. **cube** [PC05]. **Cubic** [CG08b, GK09, Bej06, CZ09, CFL05, DP05a, GLV05, HS09a, Hom05, Hom09, KRA08, KD06, Swe07b, WFL07, Waz07b, ZBL08, ZCZ08]. **cubically** [FHH08, Osa06]. **cubics** [HS08c]. **culture** [Liu09c]. **cumulative** [Wil07]. **current** [FIR06, KKW06, YOO07]. **Curtis** [CE09, HS05]. **curvature** [Bra07a, FL06b, ZX06]. **curve** [And09a, FR06, HMM08, HJR07, JH09, RS08b, RH09, SLZ06]. **curved** [dCDND06, Her09, Khu06, XKF06]. **curves** [AKLT09, BC09b, CR09, CCW⁺09, Han05, Han06, JH08b, KLLP06, KP07, LCZ⁺08, LW08b, MCD06, PJ06a, SFV09, WZH06, WT08]. **curves/surfaces** [MCD06].
cuspid [HCK07]. **customer** [AA09b]. **cut** [LXX08, WFW09, ZW06b]. **cut-peak** [WFW09]. **cutting** [CG08a, LWYT06]. **CVaR** [HG09]. **cycle** [HY09b, ZL09b].
cycles [Cao08, DL09b, GGT07, GG08, Tac07].
cylinder [CMM09, Jon06, KK09c].
cylinders [MOZ07, Nig07]. **cylindrical** [Civ07, LT07].
D [BCH06, BGP07, BCK07, CGRGVP08, Cim08, Ehr06, GMM09, GC06, GF08, HV06a, Hsu05, KD05, KSE09, LLL06, LT07,

Li06a, LN09, LM08, LYT07, LP07c, LC08c, MMM08, MDT09, MK09, NGS05, Scu09, SBO09, TS06a, VVE08a, VVE08b, WHG07, XXL08, ZGV06, JK09]. **d-V-type-I** [JK09]. **d.c** [CS09a]. **DAE** [BMM06, BM07b, CK09a, SW06b]. **DAEs** [Cam08, Jay07]. **damage** [CFHM06, CFV06]. **Damageable** [CFS09]. **damped** [CBH07]. **damping** [HM09b, LM09b, YD09b, ZCZ08]. **dance** [Mer05]. **Daniel** [Gau08]. **Darboux** [CBGV05, LZZ09]. **Darcy** [BH07c, CMX09]. **Data** [MDB06, SH06, AUY06, ABD⁺05, AZGN06, BFGP08, BKT07, CR09, CL06b, CP09b, DMM07, DP05b, DD06, EMP08, FL09a, GU08, GNP09, HHZ07, HS08c, KMWY09, KY07, KP08b, KKS⁺07, LS05, LOA05b, LP06b, MW08, MMS⁺09, MR09, RCR05, SV07a, TD06, Val09, Ver05, WWWF09, WLL09, WL09b, WDC07, YA07, ZH08]. **data-fitting** [CR09]. **databases** [KLS⁺07]. **datasets** [EL06]. **Daubechies** [CHXL06]. **Davey** [SJ09]. **Davidson** [Hoc08]. **Dawson** [DMGVP05]. **DCNNs** [Moh07]. **DEA** [WL09b, Kho09, WC07]. **deal** [BLR07]. **death** [Chr05, DP05b, GLV05, YH07]. **deblurring** [BS09b]. **decay** [CU09b]. **decaying** [Gau05a]. **Decentralized** [HGS06]. **decision** [Kag09, KGW09, RM07, WY07, WYW08, WLL09]. **decision-making** [WY07, WYW08]. **Decomposition** [BR07a, CZ09, Sto08, Tur09, AHC05, AKK06, Bog05a, Bou07a, FL06b, FNW06, FC09, Has06, Hei05, HH07b, Hos06, HLL08a, JDG06, Jan08, KS07b, Li09a, LYZ09, Moh09, PD06, SEAA08, TR07, Ter05, Waz07a, Zha05, Zhu07]. **decompositions** [KSS07a, Li08, Yi09]. **deconvolution** [Est07b, RS05a, SC06b]. **Dedicated** [WS05, VAW07]. **Deductibles** [DÖ09]. **defective** [yPIH05]. **defects** [GXgL05]. **deficient** [DKHNZ08]. **defined** [Müh06a]. **definite** [BW06, DL09c, EKL⁺07, GT09, Iva06, KMB09b, LWYT06, LHL11, yPESIZ07, RT08, RT09, RH06, TV07, XZS07, XZZ09]. **Definitions** [Mon09]. **deflation** [TV07]. **deformation** [Dmi08, FPS08, LX06, SLZ06, WCL08]. **deformations** [KBSK08]. **deformed** [LRV⁺09, YL06]. **Degasperis** [ZCH07]. **degenerate** [Du07b, VN09]. **degree** [Cao08, EFP06, FH07, FHL07, Han09, HW08, KA08, LW08b, Lu09b, LW06c, LLC08, Sto06, Sza05a, Win06]. **degrees** [DL09b, OS06b]. **Delaunay** [DW06b]. **Delay** [MZC08, PT08b, XLHZ05, AAZ06, ABS07, AK07, BB05, BP05, BJ08, BG09, CS06a, CS07a, CB07, Che05, CLCL07, CHY05, FR07, FL06c, FN09, FL09d, Gan07, GSW07, GW06a, Gug06, HWSL05, HMG06, HGS06, IL05, JZK09, JM07b, Kot08b, LH05a, LH05b, LHM05, LS06b, LF07a, LmZbL07, LZZD09, Liu09b, LB09, LB10, Luo06a, Luo07, Mao07, MY06, MRV09, OZY05, PN06, PP05, RLX08, RW06, Sak06, SFSK07, ST07, TBBC07, TXZ09, VLR08, WLS08, WLS09, WZ06, WW07, WJS⁺09, Xio07, XZL09, XL07, Xu08, XGM09, XWT09, YG06, ZS05, ZGH09, ZW09c]. **Delay-dependent** [MZC08, PT08b, XLHZ05, CB07, TXZ09, XZL09]. **delay-differential** [JZK09, Xio07]. **delay-integro-differential** [Gan07]. **delayed** [JW08a, LCH09, LGYH09, LY05b, MLL09, Sin08, SMT07, TYH08, XXL08, Yan06a, YC06, YH07]. **delaying** [CKT09]. **delays** [BG09, Bru09, CXS06, FWY09, FG07, FL09c, Har05, JZK09, Jar09, KTM09, Li05b, LZY09, LY09, LOZ08, LC06b, LWMT07, Luo08, LRB05, MZC08, Moh07, Moh08, SC06a, SC07b, TCMS06, TR06, TXZ09, WLL07, WML08, WLF09, WYO09, XLHZ05, XW06, YC05, YZL08, YY07c, ZG09, ZZZ09, ZW09b, ZL09b, Wan09a]. **delivery** [BNDN09]. **delta** [Xu07b]. **demagnetization** [WZH06]. **demands**

[EM09, Siv09]. **dendritic** [BCeAJ09].
denoising
 [BP06, BP07, FL06b, LM07a, SRW09].
denominator [DZLL06, Nov08, PR07].
dense [HS08b, NKA09]. **densely** [Gau05a].
densification [BC06]. **density**
 [ASL07, FPP08a, FPP08b, HKB⁺05, LP09,
 MJB09, MP06a, NK08, PV09b, Soh05,
 SMT07, YH07]. **density-dependent**
 [MP06a]. **dependence** [Hat09].
dependences [SC07a]. **dependent**
 [BG09, CB07, Cha07, Cha08, CEJ09, FL06a,
 GSW07, GRW08, Har05, HV06a, IT07,
 JW08b, JL07b, KGA08, KKW06, Kim05,
 KC07, LkLkP09, LCH09, LC08c, Ma06,
 MZC08, MP06a, NPTH09, Nig07, PT08b,
 PRGPS09, PP09, RHQ06, SMT07, SBO09,
 TXZ09, TSC10, WPC08, Wan09a, WYO09,
 XZL09, XLHZ05, XGM09, YC05, YH07,
 YKS09, ZL05]. **depending**
 [Luo06a, SST09, WL07, Xu08]. **deposit**
 [TMOG07]. **depth** [BCK07, ZC06].
Derivation [AT09c, BJ07a, FT08].
Derivative [Zho08, BTI08, BT09, CLA09,
 CGP09, CXH09, DEMR08, Fin08, HHC09,
 IO06, Jia09a, LC08a, LLT07, RP09, RP05,
 SK09a, WeR07, YL06, YLS07, ZJ12, dB05a].
derivative-free
 [BT09, CGP09, CXH09, DEMR08, ZJ12].
derivative-nodes [dB05a]. **derivatives**
 [Abb07a, Daa09b, DJ05, Eig07, HS09b,
 HSL08, KC07, MW09b, Mat07b, Mat08,
 NWW08, R b08, SS09d, SH09, TV09a,
 WT08]. **derived**
 [AMV06, Chi05, Gil07, Las08, SJ09].
Deriving [OW06a]. **derogatory** [SS07].
Descartes [Eig07]. **Descent**
 [KA06, BC06, CP08a, CLQ09, DC09c,
 DS05b, HLF09, JTHZ05, YLW09b, ZZ08a].
describe [KCS06]. **description**
 [KKS⁺07, LRV⁺09]. **descriptor** [HNS09].
descriptors [AA09b]. **Design**
 [Sha07, CJCD06, Duf09, GF08, JAE09,
 KCK09, KGB⁺07, Kuz08, PLGS09, YJY06,
 YA08, ZAVS09]. **designed** [Kaw07]. **detect**
 [FL06c]. **Detecting** [GR09]. **detection**
 [AM09b, CB07, yCyZ08, yCyZ09, DMM07,
 FIR06]. **Determinants** [Ism05c, DS05a].
Determination [Dao08, DH09, JL07b,
 TQA06, TANT09, Di 07, Ish07, SAFS07].
determined [GGG09]. **Determining**
 [XF07]. **deterministic**
 [EMP08, VC06, WO08]. **developing**
 [Kro06a]. **development**
 [SL06, SLN06, Wod05]. **developments**
 [BGRS05, Cak07, Moi05]. **deviating**
 [GX09, Liu08a, LJ09, MLH08, SWYZ09,
 Sza08, WTL05, WSZ09, WSM⁺09, Won08,
 XW07b, ZL07]. **devices** [ACV05]. **devising**
 [Gug06]. **DFO** [VB05c]. **di-** [Zud07].
diagonalizable [BJS08, SHC08].
Diagonally [Smo06, THC08].
Diagonally-striped [Smo06]. **diagram**
 [NSK07]. **diagrams**
 [Cof05, KLO08, LSTS06]. **dielectric**
 [CCM07, DCZ07]. **diffeomorphism** [TM08].
difference [AS05e, And09b, AKL05, ABS07,
 AGRZ05, Bej06, BUG07, BJ06, COEV05,
 Cen08, CD07a, Daa09b, DH09, DZ09a,
 DZ09b, DO06, Ela09a, GZL07, GC06,
 GS06b, Har08a, HLJ09, HZ05, IS09, JL06a,
 JL06b, KD05, KSE09, KM09c, Li05a, LH05b,
 LCH07, lLzS07, LZG⁺09, LC06b, Liu08b,
 LP06a, LYZ09, MC07, Mag09, MMM08,
 MY08, MI09, PS07a, PP05, Qin09, RAG07,
 Roe08, SF08, SCY09, Sut07, TGB08a,
 TGB08b, Vin09, WG06, WCZ07, WG08,
 WNZ09, WZ09a, WG09, Won05, WL07,
 XTZ06, YZ09c, YM07, ZDC07]. **differences**
 [ARVP09, FV08, Gal06, HQ06, M h06a,
 Sau08, WSST05]. **Different**
 [Lai09a, BB09b, DJ09, HZ05, LmLgF09,
 M h06b, NaLH07, WWP⁺08].
differentiability [EH06, Hu05b].
differentiable [ABBM09, AR09c, Jay08].
Differential
 [DI06, WeR07, AETE07a, Abb07b, AT09a,
 ADMM07, AAZ06, AMCM05, ADLT09,

ABS07, AK07, Ass09a, ADDdM05, BS08a, BB05, BP05, BJ08, BH07a, BG09, BS07, BB07, Bru09, BLP07, BW07b, CS06a, CS07a, Cao08, CJB05, CJB06, Car06, Car05b, CHCW05, CLCL07, CS07d, CL09a, CW05, DG08, DR08, Den07b, DFFW06, DF09, DAE05, DG05, EGO06, EGFO09, Enr06, EM09, EM08c, EK07, EMMP07, EKL⁺07, FWY09, FWZ09, FPP07, FGRW09, FFSS09, FL06c, FL09b, FN09, FC09, FL08b, FL09d, GG09a, GGD08, Gan07, Gar09, Gei08, GS07b, GL06, GW06a, Gug06, GX09, GS06b, HZBM06, Har05, Has06, HO06, HMG06, Hos06, HLL08a, HR09b, HM09b, IO06, Ish07, IL05, JL06a, JZK09, JDG06, Jan09, JN09, Kaw07, Kom07a, Kom07b, Kom08, Kot08b, KTM09, KLV09, yL08, Lar08, LW05b].

differential

[Li05b, LC06a, LLZY06, LS06b, LS07c, LDM09, Liu09a, LZSD09, Liu09b, LZ09d, LB09, LLW09, LM09b, Liu09d, LB10, Lop07b, Luo06a, Luo06b, Luo07, Luo08, MYY05, MYY07, Mao07, MN05, MD09a, MY06, ML09, MA08b, MO07b, MO08, NMKS09, NMMS05, OZY05, PDM08, PT06, PT08a, RB08, RLX08, RLH09, RS05c, RS07b, SZ08a, SZ09b, SFSK07, SDV06, SLZA09, Sza08, TRS07, TRST09, TBBC07, Toc05, TV09b, VLR08, Vil09, Vin09, Vol08, WWC05, Wan07b, WWC07, WML08, WLS08, WPC08, Wan08a, WSZ09, WLS09, Wan09a, WYO09, WYL09b, WS09b, WH09b, Xio07, XL07, Xu08, YS07, YZL08, YG09a, YLN09, YG06, Yüc06, YCJ09, ZS05, ZFG08, ZGH09, ZLL08, ZW09c, Zho09b, Zhu08d, jia09b].

differential-algebraic

[GL06, Hos06, LZSD09].

differential-difference [GS06b].

differential-functional [WH09b].

differentiation

[ACR06, BXC09, HY09b, Li05a, NWW08, Røb08, Wil07, XC09, ZMH09]. **diffraction** [BLW06]. **diffuse** [TL09]. **diffusion** [eMH06b, ARG08, Alh06, ARVP09, AKL05,

ABR07, ABV08, Bog05a, Bog05b, BH07b, BW07a, CVB07, Che05, CWW08, DS08, Deu09, DZ09a, Dol08, Du07b, FL06a, GDM08, GSBB09, GAR07b, GM09b, GC06, GL07, HKV09, HAS09b, HRGD08, HK07b, IS06, KGA08, Ko07, Kan08, KMWVY09, Kot08a, Kro06b, KHK08, KBB05, LL05, LL08, LSTS06, Lew06, LZY09, LWS09, Lin05, LS05, LXZG09, MJX09, MPS05, MP07, Mai08b, MV08, MSZ07, MBCV09, MA09, Mus09, OS07c, PP09, QWW08, RVAD08, Roi07, RKK07, SK05, SSV06, SRW09, Slo08, SM09, TGJ19, TG07, VG09, VV05b, VJ09, WZ09a, WF09, Wil06, Won09a, YZ09a, YY07a, YKS09, Zar09, ZLA07, Zha08, ZC08b].

diffusion-convection [IS06].

diffusion-reaction

[ABV08, CVB07, HKV09, SSV06, VJ09].

diffusions [PW08, Pok06, WF09]. **diffusive** [AT09b, Sea07, SLN06, VVE08a].

diffusivity [CK08]. **digamma** [Cof05].

digital [AAPP07, AA08, TND⁺09]. **dilute** [HS07b]. **dimension**

[CP09c, LW06c, WO08, YG09b].

dimensional [BLR07, Ban05, BS08b, BS07, BFGM06, Bra07b, BG07f, Cof05, CK08, DZ09b, DL07a, EKEHR08, FG09, Gao06, HK07a, HZBM06, HTS09, Har08a, HV06c, Jan09, JVVvdZ06, JL06b, JW08b, KGA08, KCK06, KM06, LÅH08, zLCgS06, LCZ09, LN07b, LOA05a, LLT07, MDT07, MP06a, MG08, MS07c, MD09b, Oga06, OA06, Par08b, PLMP08, Rad05, RB08, RVM08, RCR05, Roe08, SAHS09, ST05, SS06c, SSMB07, TTZ06, TS08, TG09, TRST09, THS05, TG07, TQA06, TANT09, TD06, VRBF07, WGZ08, WLK06, WDC⁺08, XZS07, XHK⁺08, XX09, YYF09, ZWF09].

Dimensions

[DCF06, Far06, GZL07, WS08, ZKSS06].

dipoles [YOO07]. **Dirac**

[Pie09, Sch06a, Xu07b]. **Dirac-like** [Pie09].

Direct [BM08a, BI08b, CM07, LDM09,

SFPS09, Duf09, FG07, Gás09, MNG09, Wac05, YOO07, YD09b]. **direction** [BISS05a, Bej06, CGPS08, Qin09, Yu06, YLW09b]. **Directional** [AB05, Aki09, LBS09, LM08]. **directions** [GAC⁺08]. **Dirichlet** [BNT08, CJCD06, DT06b, GNP09, HL07b, Har06, Jai06, JLNP06, SFPS08, SFPS09, Tur06, Won09a]. **disability** [Spr06]. **disc** [CU09a, CU09b, PD06, SB09, Tor08, Wüm05]. **discontinuities** [Wri08]. **discontinuity** [SL09]. **Discontinuous** [BHP07, CP09b, Eps09, AMG07, AB07, Ber06a, Cui07, Cui08, DFLP08, ER09, GSS07, Kan08, KLLP06, KP07, LY07a, LN07b, LS05, LC08c, MCR08, Mar09, TRS07, TR09, VJ09, WG06, Zar09, ZLZ09b]. **discounted** [LXSH09, ZLY09]. **discrepancies** [PVC06]. **Discrepancy** [Tab07, PC05, Sin09, VC06, WS08]. **Discrete** [Civ07, Coj09, EZ07, HKV09, HCDP08, JZK09, Kar07, KK06, PT08a, PT09b, TYH08, AS09b, AÁN07, BR07a, BRIP09, BMS05, BS05, Cal07, CZ08a, CLN09, Che09, CSSL09, DSW08, HJR07, IO06, IV07, KCK06, KM09b, KP07, Kro06b, LOZ08, LXX08, LC06b, LM08, LZD09, MZC08, Ma08a, Mat07b, Mat08, MJ07, MSA09, Moh08, MS07d, MRSZ07, Nou07, Pie09, RS05b, RAG07, SG05, SV07b, SP06b, ST07, SZ07b, VDL⁺06, WLL07, WZ08, XC08, XXL08, YJY06, YY07b, YHH05, ZF09]. **Discrete-analytical** [PT09b]. **discrete-complex** [RS05b]. **Discrete-time** [TYH08, MZC08, Moh08, SG05, WLL07, XC08, YJY06, YHH05]. **Discretisation** [FR07, AK07]. **Discretization** [CCK06, KS07a, Mai08b, AT09b, Bor07, BK06, Che08, CHJL08, Gao05, MS07c, NP08, SZ08b, VVE08a]. **discretization-theory** [Gao05]. **discretizations** [CJB06, Deu07, Han07, Kan08, PDM08, PV09b, Qiu07]. **discretized** [BP05, CMR06]. **Discriminating** [WC07]. **discrimination** [AI06]. **disk** [EFP06, PSV08]. **disks** [FT05]. **dispersal** [CT05, TCMS06]. **dispersion** [Bat08, CdVT07, MM06, Roo06, SZ07b, TS05]. **dispersive** [AEET09, FS07, Li06a]. **Displacement** [YH05, YWH05a, YWH05b, Cui07, Cui08, SY09]. **dissipation** [AEET09, TS05]. **Dissipative** [Mat08, FS07, LZ05]. **Dissipative/conservative** [Mat08]. **Dissipativity** [Gan07]. **distance** [CCW⁺09, DL07b, EE06, Eig07, Iza09]. **distributed** [AAZ06, ABD⁺09, Che05, Chr09, DF09, GZLL09, GX09, Hei05, MP07, Moh07, Moh08, Sma05, SC06a, SC07b, UFG09, WTL05, WS08, XW07b, ZLLW08]. **distributed-order** [DF09]. **Distribution** [KSE09, AA09a, CLQ09, DA09, DD08, KM09b, LWH09a, LWH09b, LL06, MYY05, MGMT06, MS06b, NK08, RVAD08, Spr06, VT06, YJGL07, YA08]. **Distributional** [BR09]. **distributions** [BN08a, BBR05, CdWJ06, GA09, GK08, KM09b, LP07b, Sen07]. **disturbances** [Dor09]. **divergence** [MPP07]. **divergences** [MPZ09]. **divided** [DH09, Gal06, HQ06, JL06a, Müh06a]. **dividend** [GY08, LWS09, LXSH09, YZ09b, YW09a, YSY09]. **dividends** [FW09, GS06a]. **division** [DP05b]. **Dixon** [BE06b]. **Does** [CMM09]. **Domain** [FL06b, NSL07, AFT⁺07, BP06, BC08, Bog05a, Bou07a, BFP09, BDGV09, CH09, Dul08, FHtMP06, FNW06, FG07, Gao05, GZL07, Hei05, HH07b, JW08b, KA08, KW09, LLL06, Lu09b, Lui09, SVC09, SST09, SHK⁺08, SLN06, YH09b, Zhu07]. **domains** [AG05, BN08a, BBSV08, BFGM06, CGRGVP08, DL08a, EZ06, FG08, GS06c, HL07b, HZBM06, Her09, KS07b, Koh07, KKS⁺07, Li09c, Lui09, MSTT08, MM07, Nke05, Roo06, SSW09, SFPS09, SDV07, Var07, YG07, ZKSS06, vOP07]. **dominant**

[MVV08, MA09, THC08]. **dominated** [CJ09a, MV08, YZ09a]. **Doppler** [RCR05]. **Double** [He05, NMMS05, CHM06, He06a, LY05a, Li07a, MRV09, MN07a, MNMS05, Qi07, QG08, Qi08, QGC08, SK06, WLF09]. **double-gate** [LY05a]. **doubling** [CHLW08]. **Doubly** [CMRS06, HR09a, HR09b, RLH09]. **DP** [CW08a, DHS09]. **DQ** [Yüc06, LYT07]. **Draghicescu** [Sak09]. **Drazin** [WD05]. **Drazin-inverse** [WD05]. **drift** [RS05c]. **drift-implicit** [RS05c]. **driven** [HR09b, NTS06, RVM08, RLH09, ZZL08]. **driving** [MD08]. **drums** [Ban07]. **drying** [GKMS09]. **DSC** [Civ07]. **DTM** [MO08]. **DtN** [CNN07, Koy07, Koy09]. **Dual** [BNPR08, How09b, NaLH07, Ber06a, BFP09, Dul08, GXZ06, WFL07, XF07, ZTG09]. **Dual-mixed** [How09b]. **Duality** [Ask05, AHS08, Ant09, ACV05, FL08a, GGA08, LTY08, SDP09]. **duct** [Hoo08]. **due** [dCDND06, MD08]. **Duffing** [GC09]. **Dunkl** [Cho05, Kam07, TX07]. **duopoly** [GG08]. **during** [BM08b, VT06]. **dust** [LmLgF09]. **dusty** [LmLgF09]. **Dynamic** [CLCL07, HKB⁺05, LCZ⁺08, VV05a, AYK09, ABB⁺07d, BGV⁺09, BC06, CHXL06, DaC05, EPS05, EBP09, He05, Hon07, Jac06, LZ05, LXUK06, Mar08, MD08, MSA09, Sak05, Sak06, SL08, XX09, YW09b, YD09a, ZL09b, ZF09]. **Dynamical** [LZZD09, YTM07, GF08, Hat09, Koh08, KV07, LJM09, LY09, Liu09c, SM07]. **Dynamics** [BSC07a, BSC09, HZ05, ABD⁺05, Aue07, BLR07, Ban05, BMC09, BB08b, BB09b, CMRS06, DBE07, Dmi08, FR07, GR09, IOO07, IV07, KS09, LH05a, LH05b, Li09b, Meh05, RW06, SFSK07, SZ07b, Tac07, THS05, VDV08, WF09, YY08]. **Dyson** [DIKZ07].

each [Ter05]. **early** [BBM09, Bin07, Mer05, ZBB⁺05]. **Earth** [IV08]. **easy** [CR09]. **easy-to-control** [CR09]. **ecological** [WW07]. **economy** [LCA07]. **ECT** [Müh06a]. **eddy** [KKW06]. **Edge** [LM07a, GG09b, YZ09a]. **Edge-preserving** [LM07a, GG09b]. **edges** [ELA09b]. **Editorial** [GMS08, ZFS09, Ano08m, Ano09k, Ano09l, Ano09m, Ano09n, Ano09o, Ano09p, Ano09q, Ano09r, Ano09s, Ano09t, Ano09u, Ano09v, Ano09w, Ano09x, Ano09y]. **Editors** [Ano07u, Ano05-29, Ano05-30, Ano05-31, Ano05-32, Ano05-33, Ano05-34, Ano05-35, Ano05-36, Ano05-37, Ano06o, Ano06p, Ano06q, Ano06r, Ano06s, Ano06t, Ano06u, Ano06v, Ano06w, Ano06x, Ano06y, Ano06z, Ano06-27, Ano06-28, Ano06-29, Ano06-30, Ano06-31, Ano06-32, Ano06-33, Ano06-34, Ano06-35, Ano06-36, Ano06-37, Ano07v, Ano07w, Ano07x, Ano07y, Ano07z, Ano07-27, Ano07-28, Ano07-29, Ano07-30, Ano07-31, Ano07-32, Ano07-33, Ano07-34, Ano07-35, Ano07-36, Ano07-37, Ano07-38, Ano07-39, Ano07-40, Ano08n, Ano08o, Ano08p, Ano08q, Ano08r, Ano08s, Ano08t, Ano08u, Ano08v, Ano08w, Ano08x, Ano08y, Ano08z, Ano08-27, Ano08-28, Ano08-29, Ano08-30, Ano08-31, Ano08-32, Ano08-33, Ano08-34, Ano08-35, Ano09z, Ano05p, Ano05q, Ano05r, Ano05s, Ano05t, Ano05u, Ano05v, Ano05w, Ano05x, Ano05y, Ano05z, Ano05-27]. **Editors** [Ano05-28, Ano07p, Ano07q, Ano07r, Ano07s, Ano07t, GD09, VK08]. **Educational** [Art09]. **EEG** [CHV⁺08]. **effect** [dCDND06, HKA07, Min05, MU08]. **Effective** [LCH07, CK08, WC08]. **Effectiveness** [KM06, SS08]. **effector** [Wod05]. **effects** [BCP07, FZ08, IV08, LC09a, NPTh09, SBO09, TSC10]. **efficiencies** [WY07, WYW08]. **Efficiency** [Kan05, CdAHBR06, CHBMBR07, EHR09, GS09, Pet09b]. **Efficient** [AKW05, Cas05, EL06, FGB07, FPP08a, GLS07, GPPRRB06, GPPRB07, Guo06, PR08b, SK09b, TR09, VLR08, Xia07a, BBD06, CDM07a, CC06a, CCJ07, Cof09a,

DP08a, EGM07, GW09, HC09, HO07, JKM07, KDN08, LMR07, LCKK06, PRP08, SK06, Tan06, VAN06b, WK08, WT07, WC07, WZ07, ZZZ08, Zhu05c]. **Ehrenfest** [AR09a]. **eigenbasis** [Ter05]. **Eigenfrequencies** [Ban07]. **eigenfunctions** [Gri09, NSS06]. **EIGENIND** [WWW08]. **eigenpairs** [yPIH05]. **eigenproblem** [Yua09]. **eigenproblems** [Wu07]. **eigenspaces** [CL06c]. **Eigenvalue** [CW05, DV08a, Deu07, Deu09, LRV⁺09, NP06, NP07, ABG06a, AR09b, ALR05, CKWZ07, CCJ07, CLN09, CHLW08, Gei09, Ham09, Hem06, Hoc08, IV08, Ish07, Jar09, Koh08, Li07b, LF07b, LvGJ06, PKS⁺09, SS07, VRBF07, WMG08, WL09a, WWZY09, YD09a, Zho06]. **Eigenvalues** [ÁMK06, BE07, Won08, Wu08, AGM06, AV06, BHP07, BSS08, DW06a, HS06, HLL08b, JM07a, Lan06, LHL09, LHL06, QWW08, SHC08, SO05, Toy07, Vol08, WWW08, YXJG08, YH09b, Yüc06, dF07]. **eigenvector** [EEGG08]. **eigenvectors** [MVVV06]. **eight** [LLD09]. **eight-node** [LLD09]. **eighth** [BRW09, SS05, Tsi06]. **eighth-order** [BRW09]. **Einstein** [CCCH09, Wan07a]. **Ekeland** [ZL09a]. **elastic** [ABF⁺07, CFS09, CCLS06, Dem07b, LCZ09, LP07c, TANT09]. **elastically** [KS05b]. **elasticity** [BNPR08, GMM09, Her09, KS07b, SdJMH09, Sta07, XZS07]. **elastico** [HeM05]. **elasto** [AYK09, LLM08]. **elasto-plastic** [AYK09]. **elasto-plasticity** [LLM08]. **elastodynamic** [AB09b, BFP09]. **elastodynamics** [YA07]. **electric** [CHSW08]. **electrically** [IV06, NTS06]. **electricity** [BSMT09]. **electrocardiogram** [ZSGF09]. **electromagnetic** [CD05, CCM07, Cak07, EGM07, HCDP08, YOO07]. **electromagnetics** [CH09, FTT⁺05, OMC08, AFT⁺06]. **electromagnetism** [ABL07, DM07b]. **electrophoresis** [GMFB06]. **Electrostatic** [MMFMG07, DRV08, YZ09d]. **element** [AG06, AB07, ALR05, ABP08, BNT08, BN08b, BG07a, BGP07, BR07b, BNPR08, BFP09, CY09, CYZ09, CYM08, CL08, CWW08, CYB09, Chr09, CCS05, Cop05, DG08, Deu07, dCDND06, Dul08, DBG07, DBR08, EGFO09, EJ07, Fai07, FL08a, GGD08, GMM09, GLOS05, GDA07, GHT06, Ham09, HH07a, HCDP08, Her09, HS06, How09b, HGS08, JW08b, KKW06, KK06, KS07d, KK09c, Koy07, Koy09, LY07a, LLM08, Li06a, LW06b, Li07a, LH08a, xLLhZ08, LLD09, LWLL09, LHL09, LvGJ06, Ma06, MSZ07, MP06a, NH08, NTS06, NS09b, OS07b, OS09, OMV09, PV09b, RTGB09, RKK07, RKK09, SST09, SY09, Svá08a, Svá08b, Tab07, TR08, TSB09, TY05, Won09a, XKF06, XZL08, Xio07, YG07, YZ09d, YG09b, YXJG08, ZP06, Zar09, ZC08b, ZKSS06, vOP07]. **element-finite** [MP06a]. **element-Galerkin** [EGFO09]. **element/ALE** [SST09]. **elementary** [BXC09, DK06b]. **elements** [BdAR08, CC07, Dmi08, GLOS05, GRW08, Gil07, HMPR07, HLL08b, Jen07, Kuz08, MS09b, MK09, QCK09b, Sur05, Zha07]. **elevated** [MM06, Win06]. **elevation** [Sza05a]. **elimination** [Saa06]. **ellipsoidal** [HLY09]. **elliptic** [AS07, AK09, BNT08, BF05, BR07b, Bi08a, Bor07, BK06, CJCD07, Car05a, DAE05, DBR08, EPP⁺09, FFSS09, GAC⁺08, Gan08, Gás09, Gon06, GNP09, Har06, HAS09b, HC08, Jai06, KK06, KK08, KS07c, KSS07a, KKLY06, KV07, Kor06, KV09b, LFHW09, Lui09, Mag09, NH08, Neu08, RS05d, SFFS08, SFPS09, Tem07, TR07, TR08, TR09, TV09b, VG09, Wan07c, WG08, WLK06, YG07, Yan06d, Zhu08d]. **elliptical** [Nig07]. **Elman** [CM08]. **embedded** [FSW09]. **embedding** [Lui09]. **embeddings** [GO07]. **Emden** [LM09a, XL07]. **emergent** [GPS09]. **Empirical** [GH06, TFC07]. **Enclosing** [JT09a]. **encoded** [DL07b]. **encounters** [CSG05]. **end** [LNW06]. **endwall** [SS08].

Energy [GSS07, AB09b, BFGP08, EZ06, HV06b, KSS07b, LVV05, MDP08, ZGV06].
energy-based [MDP08].
energy-consistent [AB09b]. **engagement** [CG05]. **engine** [ABD⁺09, DDL09].
engineering [GPS09, RTGB09, SLN08].
enhanced [CNN07]. **enhancing** [Eds09].
ensure [COEV05]. **entire** [DC09a, Yan06d].
entries [Ism05c]. **entropies** [MPZ09].
entropy [AMG07, Aki08, Aki09, HCL08b, KL08a, QLJ09]. **entry** [Mil07, RVK05, RV05]. **Enumeration** [Cam08, GZ05]. **envelopment** [Val09, WLL09, WL09b]. **environment** [CK08, Iza09, PLGS09, YJGL07].
environmental [AMO07, AMO08, CM08, KLS⁺07, PT09b].
environments [THS05]. **enzyme** [JSS07].
epidemic [CLGG09, SMT07, WZ06, WJS⁺09, YH07].
equalities [TS06b]. **equality** [JZW08, Lan08b, Lan08a, Zhu05b, Zhu08c].
equation [Abb07a, Abb07b, AEBEK09, AAK06, ABL07, ACV05, Asa05, Asl10, Ass09b, BM08a, Ban08, BFT07, BSC07a, BSC07b, BSC09, BY09, BD06, Boy09, BF08b, BR09, Bra07b, Bru08, CRS05, CY09, CLCL07, CHL09, CMRS06, Cla05, CBH07, CP09b, DSI06, Dan06, DP05a, Dao07, Dao08, DSW08, DS09b, DZ09b, DFLV06, Djo07, DJ06, DFY09, DL07a, DL09c, Eba09, EM07, EZ07, ESAD05, Eng09, EPS05, EK07, FSL09, FZ09, FI07, Fer09, FGRW09, FT05, Gal09, Gil07, Gin08, GS07c, Gon07, Gon09a, Guo06, HK07a, HCS05, Har08a, HS08a, HWY09, HBS⁺07, HLL08a, HYG08a, IO06, IL05, Jen07, JW08b, KCK06, KRA08, KKLY06, Koç08b, KHWF09, KV09b, Kru05, LT07, LWW08, Lai09a, LL05, LRV⁺09, LT05, LC06a, LLZY06, LS09, LZG⁺09, LDM09, LM09a, LWLL09, LTM08, Liu08a, LLZ09, LYB09, LD06, hLyHZ08, LOA05a, Lu05, LLT07]. **equation** [LJ09, LYZ09, Lut07, LXZG09, MDMRP09, Mai08b, MV08, MNP08, MT05, MCA09, MY06, ML09, MRV09, MN07a, MU08, MD09b, Mus09, Nke05, NMMS05, OS07c, OOO⁺07, OS06a, PT09a, PI06, yPESIZ07, yPyHZ07, PP08, PV09b, QFX06, QWS09, Rad05, RZ07, RW09, RO05, SS05, SWZ05, SyS08, SWYZ09, SJ09, SRW09, uIHA09, SD09, Sma05, SWZ09, SBO09, SCY09, SS06c, Sut07, SSMB07, Swe07b, TY07a, Tur06, VN09, VJ09, Vin09, Vol05, WHG07, WSM⁺09, WYO09, WG09, WO08, XHK⁺08, Xio07, XCZ08, YZ09a, Yan06d, YZ09c, YM07, YCJ09, ZCH07, ZLA07, ZLYW09, ZM09a, ZT07, ZL07, ZZ08b, ZL09b].
equations [AETE07a, AEET09, AT09a, eMH05, ARG08, AS05b, ADMM07, AAZ06, AFT⁺07, AMCM05, ARVP09, ABG06b, AB05, ADLT09, AKL05, ABS07, AK07, ABR07, AGRZ05, AR09c, Arg09a, ABV08, ADDdM05, BS08a, BS09a, BB05, BP05, BBPR09, BN08b, Bar09, BJ08, BH07a, Bat08, Bej06, BG09, BUG07, BLT09, BGP07, BB07, BRW09, BBSV08, BK09b, BF09, BTS07, Bru09, BLP07, BW07b, BSS09, BH07c, COEV05, CS06a, CS07a, CVB07, CM07, CC06a, CC08, CCD09, CJB05, CJB06, CMR06, CMV09, Car05b, CHCW05, CX06, CS07d, CX07, CL09a, CT09c, CYB09, Che08, CXH09, CHJL08, Chr09, CG06, CD06, CMT09, Daa09b, DC08, DSC09, Dai11, DL08b, DL09a, DG08, DR08, DVCH06, Dem07b, Den07b, DFFW06, DF09, DZ09a, DL08c, Dio09, DA08, DO06, DAE05, DFLP08]. **equations** [DG05, EGO06, EGFO09, Ela09a, Enr06, EBP09, EM08c, FWY09, FWZ09, FH09a, FPP07, FPO05, FLPA09, FFSS09, FL06c, FDFL07, FL09b, FN09, FC09, FZL07, FTT⁺05, FH09c, GG09a, GGD08, Gan07, GS07a, GJM07, GZL07, GJ08, Gar09, GKM07, Gei08, Gei09, GC09, GRW08, GS07b, GO05, GL06, GL07, GW06a, GSS07, GS08, Gug06, GX09, GS06b, GRL09, HCL08a, HEOS05, HZBM06, Han07, Har05,

Has06, He05, HRGD08, HO06, HMG06, Hon07, Hos06, HL09b, Hsi09, Hsu05, HSL08, HR09a, HR09b, HM09b, HMT09, HV06c, Ish07, Iva06, IS06, JL06a, JZK09, Jac06, JDG06, Jan09, JN09, bJyKyZmT09, KKW06, KYF05a, KYF05b, Kaw07, KCS06, KTH08, KA07, Koç08a, KV07, Kom07a, Kom07b, Kom08, KW09, KLO08, Kot08a, Kot08b, Kro06b, KTM09, KLV09, LLL06, LWW08, Lai09b, Lan06, yL08, Lar08, LY07a].

equations
 [Lew06, LW05b, Li05b, LH05b, Li06a, LS06b, Li06b, iLzS07, LH08b, LH08a, Li09a, LkLkP09, LS07c, Lin05, zLCgS06, LXUK06, pLT07, LY07b, Liu08b, Liu09a, LCZ09, LZ09d, LB09, LLW09, Liu09d, LB10, LRT06, LN07b, Lop07b, LC08c, Luo06a, Luo06b, Luo07, Luo08, Ma06, MW07, MJ09, MJX09, Mag09, MO07a, MB07a, MS09a, MYY05, MYY07, Mao07, MSB05, Mar09, Mat07b, Mat08, MN05, MD09a, MY08, MA08b, MRV09, MS07c, MNHA09, MO07b, MO08, Mot06, MNMS05, MI09, NMKS09, Ned08, Neu08, Nou07, OW06a, OZY05, PDM08, PT06, PT08a, PV09a, PPR07, Pet09a, PP05, Pie09, QW06, Qin09, Qiu07, RA07, RLX08, RLH09, Rob07, RAG07, RS05c, RHQ06, Roo06, SK05, Sak05, Sak06, SST09, SKAW09, SAD07, Sha09a, SZ08a, SZ09b, SFSK07, Sim07b, SRP08, SZ08b, Śmi07, SA07b, ST07, SDV06, SM09, SH09, SF06].

equations
 [SL08, SLZA09, Sza08, TRS07, TTZ06, TS06a, TRST09, Tat06, TBBC07, Toc05, TV09b, UO09, Uje07, VVE08a, Var07, VLR08, Vil09, Vol08, WWC05, WTL05, WCH05, WCZ07, Wan07b, WWC07, Wan07a, WML08, WLS08, WPC08, WHL08, Wan08a, WZ09a, WSZ09, WH09a, WLS09, Wan09a, Waz07b, WYL09b, WS09b, Wil06, Won05, WWD09, XW07b, XL07, Xu08, YG07, YC05, YS07, YZL08, YWD09, YG09a, YLN09, YW09b, YG06, YLW09a, YXYJ06, ZGV06, ZS05, ZZZ06, ZZ06a, ZFG08, ZGH09, ZJ12, ZW09c, ZLDW09, Zhu06, Zhu08a, ZH09, Zhu07, Zhu08d, ZCZ08, jia09b].

equidistant [Huy09, Mao07].

Equidistributed [SÁ08b].

equilibria [PPV05].

Equilibrium [AKLT09, CY08b, CAHAY09, HyLC06, KA06, LCA07, QCK09b, ZW09a].

equivalence [CLP08].

equivalent [BGRS05].

equivariant [ÁMK06].

ergodicity [Gu07].

Erratum [AMO08, ByXy06, yCyZ09, KYF05a, LC09b, LB10, LHL11, Van07a].

Error [ADD⁺08, ABR07, Bou07b, Che08, CNN07, Cop05, CDM07b, DSC09, Dai11, DP08a, DZZT07, EJ07, Koy07, Koy09, Li06a, Li07a, Li07b, MS09b, MSP09, VMMM09, Wan07c, YLC09, AT09a, AG06, BRIP09, BG07a, BFP09, CGPM08, CS07c, CL08, CCS05, CN08, DFY09, ED06, EPP⁺09, FH09b, Fin08, FT05, GPV05, Gon07, GSS07, GNP09, KS07d, Kor06, KV09b, KHK08, LH07b, LY07b, MS05a, MS07b, MvdMV06, MCD06, NH08, Neu08, Osa06, PIP07, Pre09, Sen07, SÁ08b, SF06, TR09, TQA06, YG07, YZ09a, Zhu08a].

errors [BGJ07, CU09b, GPTT05, SB09, VRBF07].

estimate [Che08, FI07, GNP09, HO07, KHK08, SZ09a, TQA06].

estimated [GH06].

estimates [Bou07b, CL08, CCS05, CHBMBR07, DSC09, Dai11, Deu07, FT05, GPTT05, Gon07, GSS07, Koy07, Koy09, KV09b, LY07b, MS09b, MSP09, Moh05, PD06, Vin09].

Estimating [DP05b, MCD06, Sen07, FR06, HO06, MvdMV06, Wat07].

Estimation [ER07, TMG09, AT09a, BBF⁺05, BTI08, BFP09, CGPM08, CS07c, DMM07, DA09, DZZT07, GG09b, HAS09b, Hu05a, HR05c, KS07d, Kor06, LCKK06, LP09, MV08, MJB09, NGS05, PPR07, SB09, SF06, Ver05, WK07a, YG07, YLC09].

estimations [CN08].

estimators [ABR07, CP09a, CV06, KK09a, MPP09].

Euclidean [Bra07a, KSS07b, Sin09].

Euler

[TGJ19, AK07, BB05, Ber06b, CM07, FN09, Gau08, HK07b, JN09, MYY07, Mao07, PDM08, Pr e08b, YL06, ZGH09]. **Euler-type** [BB05]. **Eulerian** [LN07a]. **Evaluating** [ABF⁺07, FH07, SW06b, WYW08, EJ07, HC09, Kho09, MS06a]. **Evaluation** [Gao05, Vol05, AG09, Asa05, BMS05, BS05, BE06a, CE09, Cof05, DP08a, EJ08, GLS07, Gao06, GM07c, HSN09, HCK07, LVV05, MS08b, PK06, Par07b, Par07a, Par09c, RB05, SLMW06, SK06, Val09, Van05]. **evaluations** [MNG09]. **even** [CDL05, GX09, HCK07, KV05, WTL05, YL09b]. **even-order** [YL09b]. **evenoids** [HCK07]. **events** [ZBB⁺05]. **Eventual** [ZS05]. **everywhere** [CV09]. **evolution** [BLR07, BK09b, EM09, FFSS09, KCS06, Mat08, MA08b, Pie09, SA07b, SACJ09, UO09]. **evolutionarily** [Lin08]. **evolutionary** [BBF07, BKB06, KCLW08, Lin08, LW08a, PLGS09, TBL09]. **Ewens** [Hui07]. **Exact** [CdWJ06, Eba09, KCS06, Roe08, Tat06, ZGV06, eMH06a, Asl10, Ass09b, CHL09, Gin08, GPS08, Koi05, LWW08, LLZ09, hLyHZ08, Vil09]. **exactness** [BC08, OS06b]. **examples** [Bak05]. **Exceptional** [Daa09a, Sch06a]. **excitable** [Sha05]. **exclusion** [Alo07]. **exemplified** [Wil06]. **exercise** [BBM09, Gau05b]. **exhaustive** [Tan06]. **exist** [CMM09]. **Existence** [AV06, CHCW05, CXS06, HCS05, HJK09, HLX06, HWY09, LW05b, LF07a, LS07b, LD08, LZ09c, LJL06, LOA05a, LJ09, MK07, NPTh09, RR06, Sun08, TSC10, YC05, Yan06d, Yas07, ZCS06, ZG09, ZC08a, ZL07, ZSZ09, FHL07, JG09, Jia09a, LZ08a, LZ08b, LZ09b, LZW09, MN05, MN07a, NM06, RLX08, SFV09, ZLL08, ZT07]. **exit** [PW08]. **Exotic** [Sch06b]. **Exp** [Asl10, BK09b, Eba09, Ass09b]. **Exp-function** [Asl10, BK09b, Eba09, Ass09b]. **expanded** [TMG09]. **expanding** [BeMBH06, Xu07a]. **expansion** [Abd08, Boy09, GHZ06, LL01, Mat06, RV05, Sto05b, Tur06]. **expansions** [AS05a, CV05a, CDL05, DA06, HLL08b, KSS07a, LHL09, L op07a, PK06, Par07b, Par07a, TV09a, YXJG08, ZZ06b]. **expectations** [VCD⁺08]. **expected** [CP07, LXSH09]. **Experimental** [BDL09, VB05c, BGP07, YA08]. **Experiments** [ARN07, BG07d]. **expert** [CKC⁺07]. **Explicit** [CDL05, Djo07, GG09a, GGT07, JM07b, MVVA06, VV09a, AMCM05, BJ07a, Fra05, Fra06, Gar09, HLJ09, Li05a, LW07, LLZ09, Ma06, WCL08, WG09, WSPJ09, ZP06, ZWZ08, Zhu07]. **explicit-implicit** [Zhu07]. **explicit-magnetic-field** [Ma06]. **explosion** [GEK09]. **exponent** [ZW09d]. **Exponential** [BB05, CU09b, Koz08, Koz09, LMZ08, Mao07, MVVA06, Moh08, RTGB09, Zha08, CVB07, DA09, DJ05, FL09c, FL09d, JS08, KSVW07, KT09, LWH09a, LZY09, Luo07, MBCV09, May08, MOC09, Moh07, MNMS05, Nov08, NMMS05, PDM08, Par09a, Rie06, Rom09, Sab08, S A08b, SC07b, TYZ⁺05, VV09b, VAMVC05, XLHZ05]. **Exponentially** [VV07, CFMR08, CFMR09, Gau05a, HVV09b, Van05, Van06a, Van07a]. **Exponentially-fitted** [VV07, HVV09b]. **exponentials** [CJP08]. **expression** [EKL⁺07]. **expressions** [HY09b]. **extend** [Iza09]. **extended** [DP05a, HEOS05, Jan08, KKD06, MJ08a, NKA09, SWZ05, WF08]. **Extending** [SD06]. **extension** [BM07b, DM05, KK05, Rza09, Sak09, Sid08, SSZ09, SS09e, VB05c]. **Extensions** [AGRZ06, BE06a, CSSL09, LC08a, M ol07]. **exterior** [CU09b, CNN07, HLY09, Koy07, Koy09, Qui07, SHK⁺08, WGZ08]. **external** [ZZL08]. **Extinction** [LC09a]. **extracting** [JK07]. **extraction** [SK06, ZSGF09]. **extragradient** [CY08c]. **extrapolated** [FHZ09, FZL07]. **extrapolating** [WDC07]. **Extrapolation** [Mar09, CLA09, CLN09, pLT07]. **extrapolations** [YXJG08]. **extrema**

[SZ09a]. **extremal** [Ism07, yPESlZ07].
extreme [FNW06, Kra06, MPZ09,
 vDvFZ09, vDvFZ13].

Faà [CHS06]. **Faber** [OS07a]. **facilitates**
 [Koc08b]. **facility** [TFC07]. **factor**
 [CP07, HO09, LCYZ08]. **Factoring** [XC06].
Factorization
 [GO05, BDY09, DO06, RT09].
Factorizations [KT07a, GSBB09, Yun05a].
factors [And09a, GS07c]. **fair** [NP08].
fairing [ZX06]. **Falkner** [Asa05]. **families**
 [HHR06]. **family**
 [ABBM09, BS09c, CXH09, HHC09, Iva06,
 JK07, MW08, MW09c, Moh05, Ned08, NS09c,
 Osa07, PM05, PRP08, PK09b, QCKK09,
 RS07b, SG09, Tem09, YL06, YLS07, ZJ12].
Farey [IL05]. **Farey-type** [IL05]. **Farlie**
 [GK08]. **Fast** [BK06, CD06, Cou09, EZ06,
 LLL06, PLGS09, WDC07, Bru08, CC06a,
 CMR06, CHLW08, DM07b, DRT09,
 DFFW06, Est07b, LS09, Mai08b, MVV08,
 OMC08, PT08c, RTGB09, RO07, Sak09,
 TGB08a, YH05, YWH05a, YWH05b]. **faster**
 [NKM08]. **faults** [IV08]. **Favard**
 [CBGV05, Van08]. **FC** [HL09a]. **FC-spaces**
 [HL09a]. **FDM** [zLCgS06]. **FDTD**
 [FZL07, XTZ06]. **FE**
 [BF05, CNN07, HKV09, WDC⁺08].
feasibility [CS06b, MP08b]. **Feasible**
 [bJQlZ07, JTHZ05, bJxC09, ZLZ09a,
 Zhu08b]. **features** [BBM09]. **February**
 [Gau08]. **fed** [Liu09c]. **fed-batch** [Liu09c].
feedback [JL07a, JW08a, LT05, LW05b,
 lLzS07, LOZ08, MLOP06, SS09a, XXL08].
Feir [OOO⁺07]. **Fejér** [SL05]. **Feller**
 [ZLA07]. **FEM** [BCH06, Bou07a, LN09,
 MK09, MSTT08, MU08, Roo06, SL06,
 SV07b, UHNC09, VS08, WT07, XCZ08].
FEM/FVM [MSTT08]. **fetal** [ZSGF09].
FETI [DHS09]. **Feynman** [Cof05]. **FFT**
 [HO07]. **Fibonacci** [Kil07]. **field**
 [AAR09, CCLS06, DCZ07, dCDND06,
 HPS06, ICW⁺09, IV06, LvGJ06, Ma06,

MD08, NSK07, TTZ06]. **fields**
 [AD09, CHSW08, HCDP08, YOO07]. **fifth**
 [Cla05, KLW07a, SWZ05]. **fifth-order**
 [KLW07a, SWZ05]. **filled** [Dem07b, LZLH07,
 LXX08, lSsZ05, WYL09a, YY07b, ZZX09].
film [BSKS07]. **films** [VV05a]. **Filon**
 [Xia07b]. **filter** [SP09b, Zho09a]. **Filtering**
 [WLL07, JKK06, Pok06]. **final** [CL06b].
finance [DGS06, HCL08b, VK08]. **financial**
 [RTGB09]. **find** [Tok07]. **finders** [PRP08].
Finding [GW09, WC08, Alo07, BG07d,
 Osa06, Osa07, PM05, lSsZ05]. **Finetti**
 [YW09a]. **Fingering** [WZS06]. **fingerprint**
 [ZLdST09]. **Finite**
 [CGRGVP08, CYZ09, CSZ09, Dmi08, Her09,
 Ma06, NTS06, NS09b, AG06, AT09b,
 ARVP09, AB07, AS05e, ALR05, And09b,
 AKL05, ABS07, ABP08, BNT08, BN08b,
 BG07a, BUG07, BGP07, BR07b, BG07b,
 BJ06, BSV08, BNPR08, BFP09, BG07c,
 BCK07, BdAR08, BE06a, BE06b, CY09,
 CYM08, CL08, CWW08, CYB09, CC07,
 Chr09, CCS05, Cop05, CD07a, CK08, Deu07,
 dCDND06, DZ09b, Dor09, DK05, Dul08,
 EGFO09, EPP⁺09, EMP08, Fai07, FPS08,
 FL08a, GZL07, GMM09, GLOS05, GRW08,
 GDA07, GC06, GHT06, Ham09, Har08a,
 HH07a, HK08, HCDP08, How09b, HLJ09,
 HZ05, HLL08b, JW08b, KD05, KKW06,
 KK06, KM09a, KS07d, KAC05, KK09c,
 KSE09, Koy07, Koy09, KM09c, Kuz08,
 KL09, LLL06, LY07a, LY05a, Li06a, LW06b,
 Li07a, LCH07, lLzS07, LH08a, xLLhZ08,
 LLD09, LWLL09, Liu08b, LvGJ06, LP09].
finite
 [LP06a, LYZ09, MMM08, MSZ07, MS09b,
 MP06a, Mon09, MS09c, NH08, OS07b, OS09,
 OMV09, PS07a, PV09b, RTGB09, Roe08,
 RKK09, SST09, SM07, Siv09, SF08, SY09,
 Sur05, Sut07, Svá08a, Svá08b, Tab07, TS08,
 TGB08a, TGB08b, Tem09, TR08, TK07,
 TY05, UHNC09, VVE08a, VVE08b, WG08,
 WZ09a, Won09a, WSST05, XKF06, XTZ06,
 XZL08, Xio07, YG07, YLC09, YZ09d,

YG09b, YXJG08, Zar09, Zha07, ZWY09, ZDC07, ZC08b, ZKSS06]. **finite-difference** [GZL07, Roe08]. **finite-differences** [ARVP09]. **Finite-element** [Ma06]. **finite-level** [BSV08]. **finite-part** [Mon09, ZWY09]. **finite-time** [LP09]. **finite-volume** [SM07]. **fire** [BM08b, RMKA05]. **First** [PW08, ADDdM05, BM08a, COEV05, CY09, CMST06, CS07d, CLA09, Che08, Fin08, Gin05, Jia09a, KS07c, KC07, Kom08, LC08a, LS07c, pLT07, Liu09d, Qi07, ST05, SZ08a, SZ09b, WSZ09, WS09b, YLN09, YLS07, ZLL08]. **first-** [Kom08]. **first-order** [ADDdM05, Che08, SZ08a, SZ09b, WS09b, YLN09, ZLL08]. **first-passage** [ST05]. **Fischer** [CP08b, CGP09]. **Fisher** [DP05a, DOY08, MDMRP09, OS06a, SRD05]. **fishways** [AVMVMV08]. **fit** [BdWG06]. **fitted** [CFMR08, CFMR09, DWW06, FSW09, HVV09b, PS05, Van05, Van06a, Van07a, Van07b, VV07]. **fitting** [CR09, CLQ09, JSS07, MVVA06, SV07a, SACJ09, TYZ⁺05, VV09b, VAMVC05, ZH08]. **Five** [Sim07a, CMT09]. **fixed** [CY08b, CAHAY09, CS07e, EST07a, HL09a, HHZ07, Hug06, QCK09b, SVC09, SJZ09, Thi09, Won05, ZTY07, ZGSF08]. **fixed-fixed** [HHZ07]. **fixed-point** [SJZ09, ZGSF08]. **fixed-sign** [Won05]. **flame** [OW06b]. **flame-front** [OW06b]. **flames** [RR06]. **flat** [FT05, HeM05]. **flexibility** [AG09]. **flexible** [Dmi08, EFS05, SAHS09]. **Flow** [KGB⁺07, eMH08, BGP07, BTS07, CO05, CEJ09, CMM09, Deu09, DDLM07, DFHS08, ER09, Fai07, FT05, Göt05, GGP09, GS06c, HAS08, HS07b, HeM05, ICW⁺09, IV06, KPAT07, Kas06, Khu06, Las08, Lin09b, MP06a, MG08, MM06, NTS06, NSK07, Oga06, OA06, RVM08, Svá08b, TSB09, TLQ08, TY07b, WLMS08, Zad09, ZX06, ZZL08]. **flows** [eMH06a, AB07, AMO07, AMO08, BG07b, BG07c, BGG08, BeMBH06, BdAR08, CK09a, DRT09, Deu07, FZ08, GLOS05, HKA07, How09a, MS09c, OS09, SF08, Soh05, TK07, VVE08b, WT07, Wat09]. **fluid** [eMH05, BB08b, BB09b, CLA09, CEJ09, Dem07b, GW08, Guo06, Hat09, HKA07, HAS08, How09a, HKM08, IV06, OS09, Svá08b, VDV08, Wat09, Zad09]. **fluid-filled** [Dem07b]. **fluid-solid** [HKM08]. **fluid-structure** [VDV08]. **fluids** [Yan06c]. **flush** [SS08]. **flush-slot-cooling** [SS08]. **flux** [AMG07, AT09b, Hsu05, Kas06, Kuz08, LNW06, OS09, XF07]. **flux-free** [OS09]. **fluxes** [AMG07, ZL05]. **FM** [Ano05-29, Ano05-30, Ano05-31, Ano05-32, Ano06o, Ano06p, Ano06q, Ano06r, Ano06s, Ano06t, Ano06u, Ano06v, Ano06w, Ano06x, Ano06y, Ano06z, Ano06-27, Ano07v, Ano07w, Ano07x, Ano07y, Ano07z, Ano07-27, Ano07-28, Ano07-29, Ano07-30, Ano07-31, Ano08n, Ano08o, Ano08p, Ano08q, Ano08r, Ano08s, Ano08t, Ano08u, Ano08v, Ano08w, Ano08x]. **focal** [Won08]. **focus** [DL09b]. **Fokas** [PK09a]. **Fokker** [WO08]. **fold** [XY05]. **following** [Sta07]. **force** [TANT09]. **Forced** [WWC05, eMH08, CBH07, GC09, Hoo08, HM09b, Li05b, LH08b]. **forces** [ZZL08]. **Forchheimer** [Las08]. **forcibly** [Hat09]. **forcing** [AML07, ZSZ09]. **forecasting** [BSMT09, XGZ09]. **Foreword** [BE06c, GD09, VK08]. **form** [Fai07, Has09a, JL06a, KA08, LW05a, Lu09b, Sau07, SLMW06, WLL06, WF08, Wu08]. **formal** [GS08]. **formally** [LT07]. **formation** [LNW06]. **forms** [Lin09a, Moh09]. **formula** [AOSY05, BXC09, Ber06b, BE06b, CHS06, CCLS06, CN07, CBGV05, ELA09b, HYC05, HS05, KMJ06, MO08, Oou08, Won09b, Xie08, XC09, Yan05, ZC06, vD05]. **formulae** [DMS05, GN09, Hui07, HV05, JB09, MM07, OS06b, SS09d, Sto06]. **Formulas** [MP08a, BC08, BP09, BDGV05, BDGV09,

CX08, CBDGVN07a, CBDGVN07b, Gon09b, HHST05, Li05a, LM07b, MJ08b, Mil09, Möl07, NSL07, Pet07b, Tay08, Tur09, Wil07, YH05, YWH05a, YWH05b]. **Formulation** [AB09b, BSV08, BGG08, DM07b, FT05, GDA07, Hug06, LB07, MD08, YXYJ06]. **formulations** [AFT⁺07, DRV08, DCZ07, Dul08]. **Fornberg** [BDHW07]. **Fornberg-like** [BDHW07]. **Fortet** [Bru08]. **Fortran** [Gao05, Gao06]. **forward** [Dao07]. **forward-backward** [Dao07]. **foundation** [CFS09]. **Four** [RCR05, AOSY05, BBM07, CGPS08, CMT09, DWW06, xMzY09, NBSV08, Par08b, ZCL06]. **Four-dimensional** [RCR05, Par08b]. **four-direction** [CGPS08]. **four-point** [xMzY09, ZCL06]. **four-stage** [NBSV08]. **four-step** [DWW06, NBSV08]. **Fourier** [AGM09, BP09, CZ08a, CLA09, CV09, DD06, DFY09, KK09c, LÅH08, LLT07, LC08c, PT08c, VMMM09, Wri08]. **Fourier-finite** [KK09c]. **Fourth** [FOP05, HRGD08, QFX06, WG08, ABG06b, DZ09b, FWZ09, Gal09, Has06, Kar09, Kou08, KBB05, LT07, LJL06, Lu05, LJ09, xMzY09, NMMS05, NMM07, PS09a, PS05, RVA07a, TG07, Wan07c, ZCL06, ZFG08]. **Fourth-order** [FOP05, HRGD08, QFX06, WG08, ABG06b, DZ09b, FWZ09, Gal09, Has06, Kar09, Kou08, LT07, LJL06, Lu05, LJ09, xMzY09, NMMS05, NMM07, PS09a, RVA07a, TG07, Wan07c, ZCL06, ZFG08]. **Fowler** [LM09a, XL07]. **Fox** [MPS05, MP07]. **FPM** [TK07]. **fractal** [Ban07, MDT09, SNV06, TH07]. **fraction** [KSS07a, VK06]. **Fractional** [Pie09, Abb07a, ARG08, AR09a, AHM08, BGG07, CLA09, CEJ09, Den07b, DFFW06, DA08, EM08c, FGRW09, FC09, GDM08, GG09a, Gar09, GAR07b, GM09b, HS09b, HLL08a, JDG06, Jay08, LW08c, LXZG09, MPS05, MP07, MPR07, MNHA09, MO07b, MO08, PJ06b, PJ08, Roo06, Sal09, SW08, SWZ09, SH09, TV09a]. **fractions** [BHJ05, Khr05, LW05a, Lut07, Waa05]. **fracture** [KBSK08]. **fractured** [LP07c, MSTT08]. **fragmentations** [Hui05]. **frames** [CS08]. **framework** [FPS08, Gon06, LMR07]. **Fréchet** [ABBM09, Hu05b]. **Fréchet-differentiability** [Hu05b]. **Fredholm** [BS09a, BF09, CMR06, CMV09, DL08b, Hsi09, Ma08a, PT08a, RA07]. **Fredholm-type** [Ma08a]. **free** [eMH06a, eMH08, AFT⁺06, BG07c, BGG08, BT09, CGP09, CXH09, Civ07, DEMR08, ESAD05, FZ08, GWG08, GGP09, How09b, HHC09, IV06, Kas06, Koh08, MLL09, MD08, OS09, RT08, RT09, RP09, WCL08, XSP09, Yam08, YB05, ZJ12, ZLZ09a]. **free-convection** [Kas06]. **freeze** [GKMS09]. **freeze-drying** [GKMS09]. **frequencies** [Gil07]. **Frequency** [KC07, Van05, ACWL07, AE07, FG07, IV06, Kim05, LN07a, LCKK06, MOZ07, RDH07, SC07a]. **frequency-amplitude** [SC07a]. **Frequency-dependent** [KC07]. **Frequent** [YZ09c]. **Freud** [MB07b]. **friction** [HV06a, NT08]. **frictional** [AB09b, CFHM06, CFV06]. **friendly** [RMKA05]. **Frobenius** [BG07d, MV05b, Mat07a]. **frog** [BD06]. **front** [OW06b]. **fully** [Bat08, DDL09, FvZ06]. **Function** [GS08, eMH05, eMH06a, AMG07, AHL⁺05, AD09, ADD⁺08, Asl10, Ass09b, BP05, BK09b, CP08b, CGP09, CCS05, Cof08, DH09, Eba09, EJ08, ELA09b, Ext99, FLS06, FS08, Fin08, FPP05b, Gau05b, GQ09b, GBR09, HKZ09, Hsi09, HS05, JAE09, JT09a, JSS07, KK09a, KKLM06, KSVW07, KD06, LL01, LZLH07, LXX08, Luo06a, LHW08, MC08, MNG09, MPXK06, MCA09, Mil06, MvdMV06, MLY07, PT09a, Par05b, PLMP08, Rui05, Sab08, lSsZ05, SLH06, Sto05b, TJ08, TMG09, Tok07, Tur09, WFW09, WYL09a, XHK⁺08, Xu07b, Xu08,

XSP09, YZ09d, YY07b, ZW09a, ZXZ09, ZZ09a, ZTG09, ZA09]. **Function-valued** [GS08]. **functional** [Bru09, CX06, FL09b, FL08b, GO05, GXZ06, Har05, HR09a, JL06a, Lan08b, Lan08a, LW05b, LC06a, LCH09, LS07c, LTC06, LXUK06, Liu08b, Liu09a, LZ09d, Liu09d, MS09a, RLX08, SAD07, Vol05, WWC07, WYL09b, WS09b, WTZ08, WH09b]. **functionally** [CC07]. **functionals** [BR09, KW07, Yam08]. **functions** [AS05a, ADGH06, AHS08, ABET08, Ant08, Ant09, ADGR06, ADÓ07, BM08a, BS08a, BXC09, BNP06, BMW08, Bel06, Ber05, BGJ07, BHJ05, BGVHN05, BGVHN08, Car05a, CZ07, Cof09a, CJ09b, CGP07, CJ08, CDL05, CD07b, DS09b, DFZ07, DC09a, DT06b, Dun06, EIM⁺09, FKL05, FPP08a, FPP08b, GHMPV09, GG07, Gau05a, GK07, GPTT05, GQ09b, GM07c, Har08b, HC09, HS09b, HCK07, HV05, Ism07, JK07, Jon06, JT09b, KM09a, KI08, KC07, KS05a, LL01, LÅH08, LVV05, Li06b, Liu07, LYW08, LXSH09, LW08d, MPS05, MP07, MDT09, MDSR04, MJ08a, MM07, MC05b, MC05c, MSP08, MSP09, MS07d, NWW08, NSS07, Nou07, Osa08, Par09c, Ped05, Qi07, QG08, Qi09, RA07, RB05, Sau08, Sch08, Sch05, SW08, Skr05, Sto05b, Swa06, TV09a, TFC07, Tur09, VB05a, VB05b]. **functions** [Var07, VS08, Vid05, WZ07, WGZ08, YXYJ06, ZYD07, ZW06a, ZZ07, ZLY09, dS07a, vOP07, HHC09]. **Fundamental** [BTS07, CU09a, CU09b, JK07, Li09c, Oga06, OA06]. **Further** [Sid08, Sza05b]. **Fuzzy** [BK09a, WL09b, CT09a, CP09a, Dai09, DA09, EM09, FY06, Hua07, Hua08, Iza09, Kaz06, KK09b, KGW09, LLS09, LZWQ09, MM09, QLJ09, RM07, SVC09, SP09a, SRP08, SAFS07, Ver08, WW09, WCW09, XGZ09, YJGL07, YZ09e]. **FVE** [YY07a]. **FVM** [MSTT08].

G [AA09b, ÉT08, TYH08, WWP09]. **GA** [GBR09]. **Galerkin** [AB07, Ber06a, BHP07, CN08, Cui07, Cui08, DSI06, Deu07, DFLP08, DT06b, EGFO09, ER07, ER09, Eps09, FG09, Gon07, Gon09a, GSS07, GNP09, GRL09, Han07, HL09b, Kan08, KS09, LZ09a, LN07b, LC08c, MCR08, Mar09, Mat08, NMM07, PT08a, Roi07, Scu09, TR09, UO09, VMMM09, Xio07, YZ09a, ZLZ09b, ZH09]. **Galerkin/Runge** [Han07]. **GALI** [BMC09]. **game** [Lin08, LW08a]. **games** [YZ09e]. **Gamma** [SLH06, AS05a, AA09a, GQ09b, GM07c, Har08b, MvdMV06]. **Gammel** [Bak05]. **GAOR** [ZSWL09]. **gap** [CSZ09, DIKZ07, Den07a, ZW09a]. **gaps** [AGM06, Coj09]. **gas** [Ban05, CMRS06, Las08, Ste07]. **gases** [SL09]. **gate** [LY05a]. **Gauss** [GPPRB07, LC09b, BC09b, CLM06, CFMR09, CEF08, EJ08, FLS06, GPPRRB06, JB09, Kim05, Li05d, LH08a, MS05a, MC05a, MS07b, MSP08, NKM08, Par05a, Par08a, SV09, Vid05, Waa05, ZM09b]. **Gauss-fractions** [Waa05]. **Gaussian** [AAR09, BC08, CV05b, FL06b, Gon09b, HSN09, MCA09, MC05b, MSP09, Saa06, ZLLW08, ZX06]. **Gaussianity** [SJZY09]. **Gautschi** [JB09, Qi09]. **GCDs** [WA08]. **Gegenbauer** [HS05]. **Gelfand** [MN07a]. **gene** [HBS⁺07]. **General** [CH09, Li05a, Pre09, ZYD07, Zin05, Bno07b, CQ09, DL09b, JTHZ05, JK07, KKS⁺07, LY09, LC06b, LL07a, LLZ09, Sin09, WCH05, WLS09, WWP09, XH08, ZLDW09, ZL05]. **generalised** [Par09b]. **generalization** [HVV09a, HMH08, PJ06b, ZWF09]. **Generalizations** [BCV⁺05, OW06a, QGC08]. **Generalized** [BNT08, BGP09, Dai09, HKZ09, HYC05, LCA07, MPR07, Par05c, PS09b, Skr05, Tor08, VRSS08, VZ08, Wün05, Xu05a, Abd08, ABG06a, AMG07, AHL⁺05, AU09, ARVP09, ABP08, ByXy05a, ByXy05b, ByXy06, BUG07, Bra07a, BI08b, CY08a, CX06, CP08b, CLA09, CGP09, CG06,

CV05a, Din05a, Din05b, DF08, Eba09, EGO06, FD09, GW08, Gin08, GM07c, GK08, Han08, Har08b, HHC09, HR09b, HyLC06, HWL09, Jay08, JK09, bJQIZ07, JC09, JB09, Kaz06, KBA09, Kil07, LWW08, Lai09a, LÅH08, LD08, LH09, LM09a, Lin07, LF07b, LF08, LXZG09, MDMRP09, MT05, Mil09, MO08, Müh06a, Müh06b, PT09a, RP05, SAD07, SW08, SCG08, SFFS08, SFPS09, Šmi07, Sza08, THC08, WZ08, WL09a, WMN05, WN08, Won08, XZL08, XC09, YL09a, YN08, YA08, YD09a, ZCH07, ZhL08, ZJW08, ZLYW09, ZW09a, yZXL09, ZSGF09]. **generalized** [ZSZ09, Zhu06]. **Generals** [RMKA05]. **generate** [EM07, EM08a]. **generated** [PS08, VT06]. **Generating** [PPG07, CZ07, GG07, KKLM06, UFG09, WFL07]. **Generation** [BMS05, BS05, RB06, BB08b, DW06b, HSN09, JLR06, Swe07a, Van06a, Van07a, Vul07, Zud05]. **generative** [Gia06]. **generator** [BS06, Wik08]. **generators** [Kan05, Tan06]. **Generic** [Pet07b, KMJ06]. **Genetic** [McC05, TBBC07, ZZ09b]. **genotype** [WWWF09]. **genus** [AKLT09]. **Geo** [TYH08]. **geodesic** [Car07]. **geodynamo** [Che08]. **geographical** [AMO07, AMO08]. **Geometric** [CKWZ07, CMS08, Har06, Arp07, Gar07a, MPXK06, SEAA08, SaLJ08, rWIC06]. **geometrical** [FH07, RD08]. **geometries** [SV09]. **geometry** [Koc08b, ZGV06]. **geophysical** [BB08b, BB09b]. **geospatial** [KKS⁺07]. **Gerber** [ZLY09]. **Geronimus** [MH08]. **Gersgorin** [CK06]. **Gibbs** [BMW08]. **Gilbert** [Ban08]. **Ginzburg** [Lei08a, Lei08b, LLT07]. **Given** [Vil09, Wri08]. **Givens** [YH09a]. **glass** [Lan05]. **Global** [CGPM08, FL06a, FL09c, LH05a, LZY09, Liu05, Liu09b, Moh07, SW08, SC07b, Sto05a, WJS⁺09, WF09, YH07, YY07c, YY08, ZW06a, ZZ09c, Alo07, ABGH08, BJS08, KMB09a, LW05b, LF07a, LZLH07, LXX08, Liu07, LYW08, MZW06, MK05, RW06, lSsz05, SaLJ08, Sin08, TF07, Tok07, WZ07, WFW09, WYL09a, WOK05, YY07b, ZW08, ZXZ09, ZA09]. **Globally** [LC06a, Fan09, XSW09]. **GMRES** [BJS08, PKS⁺09, YH09a]. **goal** [Kor06]. **goal-oriented** [Kor06]. **Goldstein** [LmY08]. **Göllnitz** [VK06]. **Good** [VC06, HE06b]. **goodness** [BdWG06]. **goodness-of-fit** [BdWG06]. **Google** [LSW09, Wu08]. **Gopalsamy** [MK05]. **Gordon** [WCZ07, Bra07b, DS09b, Eba09, OOO⁺07, VK06]. **Gori** [Yan05, PS08]. **governed** [CY09, LY07b, YZ09a]. **GP** [CGPS08]. **grade** [CLA09]. **graded** [CC07, MJ09, ZC08b]. **gradient** [And09b, BW06, CLQ09, CXH09, DC09c, GZLL09, HL07a, HTS09, HLF09, LNW06, LTW07, PV09b, Pul09, SG09, TBL09, WLY05, YLW09b, ZZ06a, ZZ08a, Zha09b, ZJ12]. **gradients** [FPP07, How09b]. **grain** [CLQ09]. **grain-size** [CLQ09]. **Gram** [RH06]. **graphs** [CW05, CW08d, PPG07, TL07]. **Grassmannians** [GK07]. **gravity** [eMH06a]. **Gray** [ZWZ08]. **Green** [AG09, MM07, MCA09, SV09, YZ09d]. **grid** [BS08b, BB08b, CYB09, CHJL08, DC08, HK08, LO08, MG08, MS09c, NSS06, Wac05, ZT06a]. **grids** [ABD⁺09, Bi08a, BB09b, Car07, EM07, EM08a, GH08, KDN08, MK09, WSST05, YLC09]. **Gröbner** [STB09]. **Gross** [Wan07a]. **Grossberg** [SC06a]. **groundwater** [KY07]. **Group** [HeM05, Kas06, RK08a, Val09, ADLT09, BeMBH06, DW05, EKEHR08, IS06, NP08, TM08]. **groups** [CK07, LV06, LV07]. **growing** [SLN06]. **Growth** [CP07, BRVWM07]. **Grünwald** [GAR07b]. **GS** [Li05d, NKA09]. **Guaranteed** [NH08, WK07a, KRAH07]. **guarantees** [HLF09]. **Guest** [GD09, VK08]. **guild** [YTM07]. **Gumbel** [GK08]. **gyroscopic** [YD09b].

Haar

[BS09a, BSS08, BSS09, RA07, ZYLY09].

Hadamard

[FFK05, PK06, Par07b, Par07a, Par09c].

Haddock [ZWF09]. **Hahn** [BR09, FLS08].

Hahn-type [FLS08]. **half**

[BGVHN05, CMV09, LZ08b, LZW09,

OYA07, Sak05, YA07, ZM09a]. **half-line**

[LZ08b, LZW09, OYA07]. **half-linear**

[Sak05]. **Halley**

[ABB09, Osa08, YL06, YLS07]. **Halton**

[VC06]. **Hamilton** [Qiu07, TS06a].

Hamiltonian [FS07, MS07d, Tup07].

Hammerstein [AEBEK09, Lan06].

Hamming [Iza09]. **Han** [JH09]. **hand**

[CHSW08, GQ09a]. **handling** [CKC⁺07].

Hankel

[AH07, DS05a, EJ08, EK07, KM09a, NP07].

haptotaxis [Eps09]. **hard** [KS07e]. **harder**

[PS09b]. **hardware** [KDH08]. **Hardy**

[EL07, Gau05b]. **Harmonic**

[Cho05, Swe07a, BS06, CY09, DDLM07,

DFLP08, LN07b, WGZ08, Wu07].

harmonics [DLROY05]. **Harten** [ABT06].

harvested [Kar06]. **harvesting**

[KOS07, LZD09]. **having** [SHC08]. **hazard**

[KK09a, Men09]. **head** [KY07]. **health**

[DÖ09]. **heart** [VDV08]. **heat**

[eMH06b, AZGN06, BF08b, CCH06, Dao07,

Dao08, DA08, DFY09, EM07, Fer09, GS07a,

GKMS09, HTS09, Har08a, HeM05, JL07b,

Kas06, Lan05, MMM08, RR06, TQA06,

WLMS08, XF07]. **heated** [CLA09, KD05].

heating [VT06]. **Hedging** [WWFV07].

Hedstrom [YS06]. **helices** [BM07a].

Hellinger [Sur05]. **Helmert** [Wat06].

Helmholtz

[BFT07, EZ07, Gil07, GDA07, HK07a,

Koy07, Koy09, Li06b, LS09, Lu05, QWS09,

RS08a, RW09, SHK⁺08, Sut07, ZKSS06].

Helmholtz-type [SHK⁺08].

Hemivariational [Noo05].

Hemivariational-like [Noo05]. **Hermite**

[Boy09, CV05a, DSZ05, DH09, Fin08, GJ08,

Han09, HYC05, KW07, KSVW07, LMS08a,

MST05, MW08, MW09c, Müh06b, NBSV08,

Par09b, PS08, Sab08, XY05]. **Hermitian**

[CL06c, DHM07, Du07a, DL09c, HWL09,

JC09, KN06, KMB09b, LHL06, LvGJ06,

Toy07]. **Hertz** [GKM07]. **Hessenberg**

[Gem05]. **Hessian** [And09b].

Hessian/vector [And09b]. **heteroclinic**

[Tac07]. **heuristic** [KCK09, Tok07].

hexahedral [Zha07]. **HHDMMR** [TD06].

hidden [ABF⁺07]. **hierarchical** [MB06].

hierarchies [LZZ09]. **High**

[AS05e, BFT07, Bor07, CCD09, CH09,

CD07a, Dus05, GGG09, Har08a, LN07a,

LYT07, MOZ07, MV05a, Par09c, SS06c,

WG06, YLSX06, ABB⁺07d, ACWL07,

AE07, BS08b, CS07a, CM07, DZ09a, Dor09,

Dub09, Gil07, Huy09, IV06, JKM07, Kan08,

KHWF09, LW07, LCZ09, OS06b, Pet09b,

RVAD08, Rom09, TGB08a, TGB08b, TD06,

VVE08a, VMMM09, WWC07, WS08,

YSYX08, ZG09, ZW09b].

high-dimensional [BS08b].

High-frequency

[MOZ07, ACWL07, AE07, IV06].

High-order [AS05e, BFT07, Bor07, CH09,

Dus05, GGG09, SS06c, WG06, Dub09,

Huy09, JKM07, Kan08, RVAD08, TGB08a,

TGB08b, VMMM09, WWC07, YSYX08,

ZG09, ZW09b]. **High-performance**

[MV05a, Rom09]. **High-precision** [Par09c].

Higher [AGH06, Fin07, LTY08, WZ09a,

ALR05, DLG05, Eig07, FH09a, FH09c,

Gei08, HCL08a, KCK06, KL09, LWH09b,

PM05, PRP08, Rad05, RP05, SS09d,

VMV07, WKY⁺07, WT08, YM07, YL09b].

Higher-order

[AGH06, LTY08, WZ09a, DLG05, FH09a,

Gei08, HCL08a, PM05, Rad05]. **highest**

[KK09b, SK09a, WeR07]. **highly**

[AT09b, AT09d, BJ08, GLS07, HC09,

HV06c, Xia07a, Xia07b]. **Hilbert**

[AB09a, Bac09, BFM09, CQ09, FKL05,

KM05, Pie08, WMN05, WN08, ZYLY09].

Hilliard [BN08b]. **Hirota** [CX06].

Histopolating [Sie08]. **histopolation** [FO05, FOT07]. **HIV** [ABD⁺05, CLGG09, IOS07, IOO07, Mer05, RMKA05, Ver05]. **HIV-1** [Ver05]. **HIV/AIDS** [CLGG09]. **HJB** [ZZ08b]. **hodograph** [KL08b]. **Hoff** [FZ08]. **Hölder** [HQ06, LS08, YL06, YLS07]. **hole** [LLM08]. **Holling** [LCH09, LTC06]. **home** [BNDN09]. **homeomorphism** [HJK09, SS09b, Wei09]. **homoclinic** [KW07]. **homogeneous** [Cao08, LS07a]. **Homogenization** [CJCD06, CJCD07, Dul08, FIR06, Las08]. **homomorphism** [HJK09, SS09b, Wei09]. **homotopy** [AHM08, FHM09, GS07a, Li09a, YXF07]. **homotopy-perturbation** [AHM08, GS07a]. **Honeycomb** [XY05, LCZ09]. **Hook** [Dun07]. **Hook-lengths** [Dun07]. **Hopf** [Yan06a]. **Hopfield** [FL09c, YSYX08, ZG09, ZW09b]. **horizontal** [GF08, LFS08, LFW09, WB09]. **Householder** [SEAA08]. **HPM** [GC09]. **HSS** [LHL11, GT09]. **huge** [BLR07]. **hull** [DL07b]. **Humbert** [AGRZ06]. **Hurwitz** [Cof08, Cof09a]. **Hybrid** [CD07a, Hsi09, LLM08, SS06b, TD06, AOSY05, BDL09, CY08c, CY08b, DVCH06, DDL09, EM09, FT08, Fra06, GDA07, GZLL09, KCLW08, KS07e, LZWQ09, NS09a, PDM08, Van07b, VT06, WT08, YW08, ZZ08a]. **Hybrid-Treffitz** [LLM08]. **hydro** [NT08]. **hydro-mechanical** [NT08]. **hydrodynamic** [HS06]. **hydrodynamics** [eMH05]. **hydrogenic** [DLROY05]. **hydrostatic** [BB08a]. **hydrothermal** [BGRS05, BGRS06, BSMT09]. **Hyers** [Par05c]. **hygro** [BM08b]. **hygro-thermal** [BM08b]. **Hyman** [GH09]. **hyper** [GST06]. **Hyperasymptotic** [PK06, Par07b, Par07a]. **Hyperasymptotics** [Daa09a]. **Hyperbolic** [ZL05, BUG07, CHY05, DG08, DZ09b, EMP08, GGD08, HK08, zLCgS06, LP07c, MCR08, PH09, TS08, WWC05, XCZ08, YA08, ZLZ09b]. **hypercube** [PVC06].

Hypergeometric [AGRZ05, BE06a, BE06b, CJ09b, DSMY06, DJ07b, Ell06, Ext99, FLS06, LL01, LV06, Mil06, Mil09, Par05b, RI06, RVK05, RAG07, RS05d, Rui05, SRD05, Sto05b, Swa06, Tur09, Vid05, ZYD07, Zud09]. **hypergeometric-type** [ZYD07]. **Hypergroups** [FLS05, Ass09a, Las09]. **Hyperinterpolation** [CDV07]. **hypersingular** [FG09]. **hyperterminants** [Daa09a].

I.V.P. [RVA07b]. **ideals** [Sau08]. **idempotent** [TS06b]. **identifiability** [Jai06]. **Identification** [BP05, FZ08, AS07, Gon06, LC08b, MDT09, TBL09, UHNC09, YOO07]. **identify** [YYF09]. **identifying** [CK05, DFY09]. **identities** [CJ07, GZ05, VK06]. **identity** [AGRZ06]. **IFC** [Ano05-33, Ano05-34, Ano05-35, Ano05-36, Ano05-37, Ano06-28, Ano06-29, Ano06-30, Ano06-31, Ano06-32, Ano06-33, Ano06-34, Ano06-35, Ano06-36, Ano06-37, Ano07-32, Ano07-33, Ano07-34, Ano07-35, Ano07-36, Ano07-37, Ano07-38, Ano07-39, Ano07-40, Ano08y, Ano08z, Ano08-27, Ano08-28, Ano08-29, Ano08-30, Ano08-31, Ano08-32, Ano08-33, Ano08-34, Ano08-35, Ano09z]. **II** [LW08b, PPR07, AMG07, BS05, Ber07, GA09, KG09, KSVW07, LWH09a, LTC06, Par08a, Ped09, Slo08, TR08, ZL05]. **III** [CKWZ07, Par07a]. **IIPG** [Dol08]. **ill** [BR07a, Cal07, Gon09b, HL08, LHW07, MRSZ06, MRSZ07, OTOR07, RS08b, WHL08, WH09a]. **ill-conditioned** [OTOR07]. **ill-posed** [BR07a, Cal07, LHW07, MRSZ06, MRSZ07, RS08b, WHL08, WH09a]. **ill-posedness** [HL08]. **ill-scaled** [Gon09b]. **ILU** [KT07b, RT09, RH06, VS08, Yun05a]. **Image** [BP06, DMM07, NQDJ06, AAPP07, AA08, BS09b, BJ07b, DESC07, Est07b, FL06b, GG09b, HT06, LM07a, LNL09,

SRW09, TM08, Yi09, ZLdST09]. **images** [AAPP07, ABB⁺07d, TND⁺09]. **Imaging** [BKT07, BBM07, FIR06]. **imbedding** [CMM09]. **imbeddings** [Maz06]. **IMEX** [Kot08a, Kot08b, SSV06]. **immiscible** [OS09]. **immune** [RMKA05, Wod05]. **immunity** [Zin05]. **Immunological** [CPM⁺05, LRB05]. **Immunology** [BBG05, Zin05, ABB07e, BBF⁺05]. **Impact** [SZ07b, CSG05, DK06a]. **impact-induced** [DK06a]. **impedance** [BKT07]. **Implementation** [MSA09, WWZY09, HS08b, PT09b, SM07, SFFS08, SK09b, VAR06, WSST05]. **implementing** [AG09]. **Implicit** [AZGN06, ACQ09, Bno07b, BS09c, BB08a, BB09a, BMM06, BM07b, Chr09, Din05a, EMP08, FN09, Gug06, HL09b, HyLC06, KBA09, Kom08, yL08, MVVA06, MS07c, NSC07, PJ08, Qin09, RS05c, TYZ⁺05, Tem09, VVE08a, VVE08b, WH09a, rWIC06, ZWZ08, Zhu07]. **implicit-explicit** [ZWZ08]. **Imposing** [SK09a, WLL09]. **Improved** [AMV06, BW07b, Kaw07, hLyHZ08, MNG09, OS06b, PLMP08, Abd08, BIR09, GZLL09, LmY08, LWLL09, NS09b, RP09]. **Improvement** [SO05, ZHG⁺09]. **Improvements** [tLxLIW07, Yun08b, NT06]. **Improving** [EHR09, GWG08, GS09]. **impulse** [Kar09, Liu09d]. **impulses** [LLZY06, LS06b, LS07b, LZG⁺09, ZG09, ZW09b]. **Impulsive** [JL07a, LFW09, AAZ06, CS07d, CHY05, DC09b, FL08b, FL09c, FL09d, yL08, Li05b, LH05a, LF07a, LS07c, LTC06, LZ09d, MS08a, MD09a, NPTH09, SZ08a, SZ09b, TSC10, WPC08, YS07, YZL08, ZCS06, ZS05, ZLL08]. **imputation** [MR09, WWWF09]. **IMT** [Oou08]. **IMT-type** [Oou08]. **inclined** [EKEHR08]. **Inclusion** [Swa06, ABF⁺07, Di 07, Din05b, HC08, PM05, PIP07, TFC07]. **inclusions** [AU09, Din05a, DF08, FD09, HLH07, Hon08, Kaz06, KBA09, Kon07, PZ08]. **Incomplete** [Har08b, STB09, BDY09, Dun06, GSBB09, GM07c, KS07c, KSS07a, Par05a, Par08a, YH09a]. **incompressible** [Deu07, Deu09, ER09, GLOS05, GRW08, SY09, TY05, TY07b, Wat09, ZZL08]. **incorporating** [Kar06]. **increasing** [Eds09, HJK09, SS09b, Wei09]. **indefinite** [BR07b, Du07a, Gan08, HS07a, LvGJ06]. **independence** [GK08]. **independent** [AK09, CHS07, DA09, Nig07, ZGSF08]. **Indeterminate** [Chr05, BGVHN08, Ped09]. **Index** [Ano05g, Ano05h, Ano05i, Ano05j, Ano05k, Ano05l, Ano05m, Ano08k, Ano08l, Ano09a, Ano09b, Ano09c, Ano09d, Ano09e, Ano09f, Ano09g, Ano09h, Ano09i, Ano09j, Ano05b, Ano05a, Ano05c, Ano05d, Ano05e, Ano05f, Ano05-41, Ano06b, Ano06c, Ano06d, Ano06e, Ano06a, Ano06m, Ano06n, Ano06f, Ano06g, Ano06h, Ano06i, Ano06j, Ano06k, Ano06l, Ano06-38, Ano07a, Ano07b, Ano07c, Ano07d, Ano07e, Ano07f, Ano07g, Ano07h, Ano07i, Ano07j, Ano07k, Ano07l, Ano07m, Ano07n, Ano07-41, Ano08a, Ano08b, Ano08c, Ano08d, Ano08e, Ano08f, Ano08g, Ano08h, Ano08i, Ano08j, Cam08, CM07, CK09a, CV06, DL09a, Den09, DW05, EHR09, HY09b, LWH09a, LRH07, LN09]. **indicator** [HAS09b, KKLM06]. **indices** [WWW08]. **induced** [DK06a, DFHS08, FIR06, FN09]. **inducing** [Bra07a]. **industry** [FGRW09]. **Inequalities** [AA09a, Alz06, JS08, Bad08, BT06, Bno07a, Bno07b, CY08a, CAY09, Che09, CV05a, Fu08, GG07, He06a, HZW08, JM07b, LHM05, LmY08, LHL06, MC07, Ma08a, Maz06, MJ07, Noo05, QCK09a, XH08]. **Inequality** [Ple09, CLP08, Dai09, Gon06, Han08, bJQIZ07, lLpZ08, LH09, Liu05, MZW06, Qi07, QG08, Qi08, QGC08, Qi09, ZZ08b, Zhu05b, Zhu08c]. **inertial** [JKM07, Mai08a]. **Inexact** [Don09, AUY06, AML07, Arg09b, Bno07b, BS09b, CY08c, CL06a, LS08, WA08, Zhu06]. **infection**

[IOS07, IOO07, IV07, MSB05, Mer05, Zin05]. **infections** [Wod05]. **inference** [YYF09]. **Infinite** [BF08a, BS07, BeMBH06, CW08c, CW08b, FLMR07, FL09d, GLdS08, HL08, HeM05, LLL06, LWYT06, Luo08, MW09a, MS05b, QCKK09, RLX08, TR06, TSB09, TLQ08, VRSS08, Ver08, WW07, XWT09, YOA06, ZLL08]. **infinite-dimensional** [BS07]. **infinitely** [LP08]. **infinitesimal** [BS06]. **infinity** [Mor07]. **Influence** [BSMT09, Ham09]. **Information** [DLROY05, DSMY06, DOY08, GA09, GH06, SRD05, WWWF09]. **infrequent** [yCyZ08, yCyZ09]. **inhibitory** [LMZ08, Liu07]. **inhomogeneous** [CWMT07, Di 07, EGM07, LD06, SHK+08]. **initial** [AUY06, AOSY05, BP05, DWW06, GGG09, LS07b, Mar07a, PK09a, Pre08a, WZ08]. **initial-value** [AOSY05, DWW06, GGG09, Pre08a, WZ08]. **Initializers** [CLM06]. **injection** [BeMBH06]. **Inner** [PK07, AK09, RS05b, TG09]. **inner-outer** [AK09]. **inpainting** [DMM07]. **Input** [HL07c, Kho09]. **Input-to-state** [HL07c]. **inputs** [Kho09]. **inserting** [Won09b]. **instability** [BB08a, CB07, OOO+07, WZS06]. **instructions** [CGRGVP08]. **instrument** [GM06]. **insurance** [BBM09, DÖ09, VV09a]. **insurer** [BC09a]. **integer** [HM09a, MS05b, ISsZ05, ZF09]. **integrable** [LZZ09]. **Integral** [FT05, GPS08, WSZ09, AEBEK09, ABL07, BM08a, BS08a, BS09a, Bar09, BNP06, BF09, CRS05, CC06a, CC08, CMR06, CMV09, Car05a, CT09c, CD06, DM07b, DL08b, DL09a, DMGVP05, DFLV06, DL08c, Dio09, ELA09b, FJG08, FDFL07, FTT+05, GJ08, GKM07, GC09, Gon09a, GS08, HC09, HS07a, Hon08, Hsi09, HV06c, Jan09, JM07b, KS07c, KSS07a, Lan06, LL01, LHM05, LS09, pLT07, MJ09, MO07a, MB07a, MRV09, MS08b, MNMS05, PK06, PV09a, RS08a, RZ07, RA07, Sto05b, TRST09, Vol05, Xia07b, ZFG08, ZWY09]. **integral-functional** [Vol05]. **integrals** [BBC07, CJP08, EJ07, EJ08, GLS07, Gao05, Gao06, Gau05a, Gin05, Has09a, HCK07, Kál05, KAC05, KM09b, MS06a, Mon09, Scu09, Sin09, SK06, Xia07a, XW08, Par07b, Par07a]. **integrals-III** [Par07a]. **integrals-IV** [Par07b]. **integrands** [Gon09b, Has09a, HS07a]. **integrated** [DA06, MDT07]. **Integrating** [ADDdM05]. **Integration** [GH08, ADMM07, Arp07, BG07f, CE09, FG09, Gar07a, Gei08, HPS06, Ham09, HO09, Jay07, Koz08, Koz09, Kul09, LRH07, LLD09, Mon07, Pet07a, RTGB09, RVA07b, Rza09, Sid05, Sid08, Tay08, Zha07]. **integrations** [LH08a]. **integrator** [CVB07, GOT06, KHWF09, MBCV09]. **integrators** [CJB05, Cas07, Cas05, LG07, VRL07]. **integro** [AT09a, BS08a, CS07d, Gan07, HZBM06, Has06, yL08, PT06, PT08a, WSZ09, YS07, YCJ09, jia09b]. **integro-differential** [AT09a, BS08a, CS07d, HZBM06, Has06, yL08, PT06, PT08a, WSZ09, YS07, YCJ09, jia09b]. **intelligence** [PPV05]. **intelligent** [LZWQ09]. **interaction** [BC09a, Bla05, CC06b, HKM08, MD08, VDV08]. **Interactions** [Dem07a]. **interchanging** [dB05a]. **interconnected** [HGS06]. **interest** [FW09, LCYZ08]. **interesting** [HK08]. **interface** [ADF07, AK09, DHS09, FNW06, OS07b, OW06b, TL09, TV09b]. **interfaces** [LLL06, Soh05]. **Interior** [GSS07, BS09b, Cho08, ER07, Fan09, FKM05, GNP09, WB09, Wu07, YXF07, Zhu05a, Zhu05b, Zhu06, Zhu08a]. **interior-point** [FKM05, WB09]. **Interlacing** [BV06]. **internal** [SC07a, SBK07]. **Internalization** [LNW06]. **International** [PRZW08]. **interpolant** [Bar09]. **interpolants** [BRIP09, BISS05a, BISS05b, BSST08, DL08a,

Han09, LMS08a, MST05, PS08, PR07].
interpolated [XCZ08]. **interpolating**
 [Bou07b, DL05, DS09a, HKZ09, JH08b,
 KP08a, KM09c, MW09c, Rom09].

Interpolation

[Bel06, Car07, ADD⁺08, ABET08, BRIP09,
 Bej06, CDV08, CG08b, CHW09, CHNZ08,
 DJ05, DH09, DK05, DZLL06, FL09a, Fin07,
 Fin08, Gás09, Gau08, GM07a, HYC05, HT06,
 HS08c, JAE09, KC07, KY06, LWC⁺06, LS06c,
 LP06b, LMS08b, MW09b, Mag09, MDT09,
 MJ08b, MT05, Müh06b, SH06, Sch08, WM09,
 WL06a, WZD09, XZS07, XC09, ZT06b,
 ZW06b, ZZ06c, dB05c, dB05b, dB05a].

interpolatory [BDGV05]. **interpretation**

[Ber06b, ZLA07]. **interpretations** [He07].

interproximation [PJ06a]. **intersection**

[GLdS08]. **Intertwining** [Xu05b]. **Interval**
 [Aue07, CKC⁺07, KMB09a, KLS⁺07,
 Mar07b, Wan07b, WML08, AV06, BCGA05a,
 FDC08, FPO05, FHL07, GVC⁺08, GBR09,
 Mar07a, May07, MC05a, PT08b, RKAH07,
 Sch07b, Sin08, VB05a, WY07, WYW08,
 YOA06]. **Interval-type** [CKC⁺07].

intervals [Boy09, DL08b, KKS⁺07, PV09a].

intra [YTM07]. **intra-guild** [YTM07].

intracellular [ZBB⁺05].

intracellular-signaling [ZBB⁺05].

Introduction [GPS09, ZFS09].

intuitionistic [MM09, SVC09]. **Invariance**

[LV06, KS06]. **Invariant**

[Sto06, MvdMV06, RD08]. **invariants**

[Arp07]. **inventory** [Siv09]. **Inverse**

[CM05a, KLV09, Yua09, BMfX07, BGP07,
 BW07a, CD05, CCM07, Cak07, CL06b,
 CHS06, CDMR07, DW05, FI07, FKL05,
 GPP07, HTS09, HM09a, KS07a, LDM09,
 LF07b, LHW08, Mat06, Mor07, MN07b,
 SCG08, SZD09, Smo06, TA09, WD05,
 XZZ09, YM08, YL09a, Yi09, YD09a, Zho06].

inverses [Car05a]. **inversion** [Cal07,
 CDM07a, ESAD05, KSE09, PS09b, RS05d,
 YH05, YWH05a, YWH05b, vdBHPS07].

inverted [Ata07]. **invertible** [Aki08].

inverting [CDM07b, OTOR07].

investigation

[LKSC06, LM09a, RDH07, SBK07].

investigations [QW08]. **invex** [Ant08].

invexity [MPR07]. **inviscid** [TY07b].

involving

[AHS08, Alz06, Ant09, BXC09, CJP08,
 CJ09b, Din05a, EE06, EJ08, Fin08, Hu05b,
 LLL06, LD06, VG09, WYS09, Xia07a]. **ion**
 [Dem07a]. **ion-acoustic** [Dem07a]. **IRKC**
 [SSV06]. **Irrationality** [CS09b].

irreducible [HYG08b]. **irregular**

[BS08b, KW09]. **isolation** [LL07b].

Isoparametric [BCH06]. **Isospectrality**

[JLNP06]. **isotropic** [TANT09]. **Issue**

[BBG05, GD09, WS05, Ano05-33, Ano05-34,
 Ano05-35, Ano05-36, Ano05-37, Ano06-28,
 Ano06-29, Ano06-30, Ano06-31, Ano06-32,
 Ano06-33, Ano06-34, Ano06-35, Ano06-36,
 Ano06-37, Ano07-32, Ano07-33, Ano07-34,
 Ano07-35, Ano07-36, Ano07-37, Ano07-38,
 Ano07-39, Ano07-40, Ano08y, Ano08z,
 Ano08-27, Ano08-28, Ano08-29, Ano08-30,
 Ano08-31, Ano08-32, Ano08-33, Ano08-34,
 Ano08-35, Ano09z, BBF07, GPS09, VAW07,
 VK08]. **issues** [Gug06, SC06b]. **iterated**

[CLN09, Dio09, HP07, PRGPS09]. **Iterates**

[BS06, Bog05b]. **iteration**

[AETE07a, AETE07b, Abb07a, Abb07b,
 AS05b, BS09c, DC08, DS08, ESAD05, GS07a,
 GJM07, GT09, HVV09a, He07, JC09, JK07,
 KMB09b, Lu07, LHL11, MP08b, Pet09a,
 SA07b, Swe07a, Swe07b, TD07, Tem09,
 TY07a, Waz07a, Waz07b, XHW07, YLS07].

iterations [EFS05, GPRB05, GPPRRB06,
 GPPRB07, MSE08, SC06b, Thi09, YL06].

Iterative [ABB⁺07d, CMT09, Dan06,
 DRV08, Gei08, HLH07, Kaz06, Kon07,
 MW07, MRSZ06, yPESIZ07, PRZW08,
 ZTY07, AT09b, AKK06, ABG06b, ABP06,
 ABGH08, ABBM09, AK09, ACQ09,
 BMfX07, BGP07, BRW09, BK06, Cal07,
 CMR06, CdVT07, CY08b, CAHAY09,
 CAY09, CL09a, CHS08, CQ09, Din05b,

- DF08, EM08b, EHR09, FP08, GM09c, Hei05, HYG08a, JH08a, KBA09, Koç08a, Koç08b, KL09, tLxLIW07, MRSZ07, Ned08, NK10, NT06, QCK09a, Sha09a, SFPS09, yS05, THC08, Uje07, WHF07, WZ08, WtL09, WS09a, WWM07, WHZ09, XW08, Yao09, Yun08b, ZZ07, yZXL09, ZZ08b). **IV** [Par07b]. **IVPs** [AHM08, Fra06, LW07, PS05].
- J** [AMO08, Asl10, ByXy06, yCyZ09, Dai11, GPPRB07, KYF05a, LC09b, LB10, LHL11, SZ09b, Sto05b, TGJ19, TSC10, Yun08b, ZJ12, vDvFZ13]. **Jackson** [Ple09]. **Jacobi** [AMV06, ADGR06, Cho05, CSZ09, Coj09, CS09b, EKL⁺07, FLS08, Hoc08, JM07a, LW06a, yPIH05, PV05, Qiu07, Sau07, Sch05, TS06a]. **Jacobian** [Car05a, HMT09, Šmi07]. **Jalent** [GJM07]. **Java** [OOM⁺07]. **Jensen** [DC09a]. **Joint** [KKLM06]. **Jordan** [Wu08]. **July** [VGT09]. **jump** [HK07b, Kru05, LWS09, LP07c, Pok06, TGJ19]. **jump-diffusion** [HK07b, LWS09, TGJ19]. **jump-diffusions** [Pok06]. **jumps** [BMW08, BLP07].
- Kantorovich** [HSL08]. **Karlsson** [RS05d]. **Kármán** [CG06]. **Kawahara** [Asl10, Ass09b]. **KdV** [CX06, Dem07b, Waz07b, ZM09a]. **Keith** [WS05]. **Kepler** [Boy09]. **Kernel** [HM08, MS09a, vdBHP07, BFGM06, CG07, EIM⁺09, GJ08, HV06c, LS07a, Mus09, SL05, WMN05, WN08, XHK⁺08, Zho08]. **Kernel-based** [vdBHP07]. **kernels** [CCD09, PT06, PT08a, PV09a]. **Kershaw** [Qi07, QG08, Qi08, QGC08, Qi09]. **key** [SD06]. **kind** [AGRZ05, ADGR06, BM08a, BS09a, BF09, DK06a, DL08b, DZZT07, GJ08, Hsi09, pLT07, LTM08, MB07a, SWYZ09, Skr05, WPC08, ZLZ09a, ZL07]. **Kinetic** [CG05, BGG08, JSS07]. **Kirchhoff** [HGS08]. **Klein** [DS09b, Eba09, WCZ07]. **KM** [Mai08a]. **KM-type** [Mai08a]. **knots** [Rie06]. **knowledge** [WK07a]. **knowledge-based** [WK07a]. **Koch** [NSS06]. **Kolmogorov** [MDMRP09, DP05a, Wat09]. **Koornwinder** [vD05]. **Kopel** [GG08]. **Korteweg** [BBSV08, DA08, SWZ05]. **KP** [LWW08]. **Krawtchouk** [FLS08]. **Kronecker** [XDW05]. **Krylov** [BJSS06, DGR07, FLMR07, Mil05, Sea07, vdESvG05]. **Kummer** [BE06a, CZ08b, Par05b]. **Kummer-type** [CZ08b, Par05b]. **Kuramoto** [LT05, WG09]. **kurtosis** [QWW08]. **Kutta** [AMCM05, AMCM06, Van06a, Van07a, AM09a, AS05f, BJ07a, BJ08, BH07a, BH09, CGPM08, CFMR08, CFMR09, Cam08, HVV09a, Han07, HL07c, Jay07, KR07, Koi05, Kom07a, Kom07b, Kom08, Kot08a, Kot08b, LZ06, NSC07, RVA07a, RB08, SKAW09, Sun09, Toc05, TS05, VMMM09, Van05, Van06a, Ver06, WLS08, WHL08, Wan08a, YLN09]. **Kuznetsov** [Bat08, MNHA09].
- L** [Sto05b]. **L**. [Dom07]. **lacunary** [MM09]. **ladder** [ZYD07]. **Ladyzhenskaya** [Fai07]. **lag** [HMG06, LW07, SS05]. **Lagrange** [ABET08, BG07a, BNPR08, CDV08, CM07, CHNZ08, DJ05, GZX09, HYC05, LWC⁺06, MB06, XC09, ZW06b, ZH09]. **Lagrangian** [BXC09, BB09a, HPS06, Sta07, TJ08]. **Lagrangians** [JKM09]. **Laguerre** [ByXy06, ADÓ07, Ass09a, ByXy05a, ByXy05b, BR09, DLROY05, DC09a, DR09, DJ09, GW06b, MC05a, OS07a, PT09a, WGZ08]. **Lambert** [CS09b]. **Lamé** [OOO⁺07]. **laminar** [eMH08]. **laminated** [Civ07]. **lamination** [Dul08]. **Lanczos** [RP05, WL09a, YB05]. **Landau** [Cim08, Sto05b, Ban08, Lei08a, Lei08b, LLT07]. **Landau-type** [Lei08b]. **Landweber** [LHW07, WHL08, WH09a]. **Langevin** [CdVT07]. **Laplace** [CDM07a, CDMR07, CDM07b, FZ09, FI07, Kru05, Li07b, Par07b, Par07a, QFX06, Woj06]. **Laplace-type** [Par07b, Par07a]. **Laplacian** [BE07, Gal09, GJL08, He05, HWY09,

Hem06, Hon07, Liu08a, LOA05a, LOA05b, LJ09, ML09, Rea07, SNV06, WSM⁺09, YH09b, ZFG08]. **Large** [ZFS09, BR07a, BY09, CC08, CXH09, Cho08, CMM09, Dmi08, FLS06, GKMS09, GM09c, Hsu05, Jon06, LT06a, PKS⁺09, SCY09, VL06, WZ07, WCL08, Wu07, XZ08, YH09a, ZJ12]. **large-deformation** [Dmi08]. **large-scale** [CXH09, GKMS09, PKS⁺09, VL06, XZ08, ZJ12]. **large-update** [Cho08]. **LaSalle** [Liu09a]. **laser** [CC06b, FIR06]. **laser-plasma** [CC06b]. **lasers** [KD05]. **Lattice** [DL07a, Ell06, HE06b, LZ05, ST05, Sin09, WHG07]. **lattices** [CK07, KV09a, LRH07, Mag09]. **Laudatum** [BE06d]. **Laurent** [CBGV05, CBDGVN07a, CBDGVN07b, DMGVP05, UHNC09]. **law** [AMG07, BIR09, GW08, Las08]. **laws** [Ben06, CD07a, JKM09, LZZ09, Mur07, TS08, ZL05]. **Lax** [Qiu07, WHG07]. **layer** [eMH08, CH09, LT06b, Vul07, YZ09b, ZKSS06]. **layer-resolving** [Vul07]. **layers** [CWMT07, SÁ08b, Zar09]. **LBB** [GLOS05]. **LBB-stable** [GLOS05]. **LBT** [DESC07, Est07b]. **leader** [CFGVP07]. **leaky** [Har08b]. **leap** [BD06]. **leap-frog** [BD06]. **Learning** [DC09c, AMV06, EL06, XC08, Zho08]. **Least** [DG08, DJ07a, BTI08, CR09, Cou09, DKHNZ08, DB08, GGD08, GRL09, HR05b, JZW08, JSS07, KA07, Log08, MJB09, MV05a, RKK07, RKK09, SV07a, TY05, WC07, WA08, XZL08, XF07, YH09a, ZH08, ZSWL09, ZLDW09]. **Least-squares** [DG08, DJ07a, CR09, Cou09, DB08, GRL09, KA07, RKK07, RKK09, TY05, XZL08, YH09a]. **Lee** [DD07]. **left** [EKL⁺07]. **left-definite** [EKL⁺07]. **Legendre** [EJ08, GW06b, HS06, Pré08b]. **LEM** [CVB07]. **length** [FR06, MS06b, SFV09, SLZ06]. **lengths** [Dun07]. **less** [MGS08]. **Lessons** [CPM⁺05]. **Letnikov** [GAR07b]. **letter** [Gau08]. **level** [BSV08, DMZ08, Gás09, KD05, lLpZ08, MS07c, XDW05, ZH09, CKWZ07]. **level-2** [XDW05]. **levels** [LLS09]. **Levenberg** [KYF05a, KYF05b, MW09a, Wat07, Zhu08a]. **Levin** [Xia07b, XW08]. **Levinson** [VMV07]. **Levinson-like** [VMV07]. **Lévy** [HR09b, RLH09, Sch06b, YW09a, ZLA07]. **Li** [Yun08b, Cof09b]. **Liao** [Bno07a]. **Lie** [BG07b, BeMBH06, CK07, EKEHR08, LLZ09, Rüb08]. **Lie-group** [BeMBH06]. **Liénard** [LTM08, Liu08a, MLH08, ML09, SWYZ09, WSM⁺09, ZL07, ZSZ09, ZCZ08]. **Liénard-type** [MLH08]. **life** [BBM09, VV09a]. **lifetime** [LWH09a]. **Lifshitz** [Ban08, Cim08]. **lifting** [CHXL06]. **light** [THS05]. **light-limited** [THS05]. **like** [Arg09a, BDHW07, CX07, Dai09, Din05b, FD09, FTT⁺05, GR09, HR05b, Kaz06, KLO08, MP08a, Noo05, PG07, Pie09, SEAA08, Sch07b, VMV07, YH05, YWH05a, YWH05b, ZT06b, Zud05]. **likelihood** [FvZ06]. **Limit** [Cao08, Sch08, ADD⁺08, AGMMB05, DL09b, GGT07]. **limited** [Fer07, THS05, VL06, Wri08, XZ08]. **limited-memory** [VL06]. **Limiting** [JR08, Lei08a]. **limits** [CJCD07]. **line** [BGVHN05, CMV09, DEMR08, bJQIZ07, Kam07, LZ08b, LZW09, hLyHZ08, OYA07, Pet08, QZY09, SS09c, SS06a, TJ08, XSW09, XSP09, YP08, ZM09a]. **line-search** [DEMR08]. **Linear** [LWLL09, RAG07, AUY06, AT07, AAZ06, AKK06, AMCM05, AK07, ASL07, BR07a, BW06, Bar09, BF05, BBR05, BM06, BY09, BJSS06, BdAR08, BW07a, BCP07, BKT07, BW07b, Cal07, CJCD07, CLP08, CJB06, CMST06, CHW09, CHS08, Cho08, CCLS06, DaC05, Daa09b, DG08, DW05, Don09, DJ09, EM06, EIM⁺09, EMMP07, FLMR07, FJT07, FS07, FL06c, FG07, GMM09, GKM07, GRW08, GHZ06, GHT06, GM09c, GT09, GQ09a, GNP09, HL08, HTS09, HNS09, Hei05, HS08b, HM08, HLL08a, Jan09, bJyKyZmT09, JD05, JH08a, KGA08, KT07a, Koh08, Koi05, KMB09b, Li05c, Li05d, LmZbL07, LW07,

LM09b, LHR09, LHL11, MJ08b, MSE08, Moh05, MS07c, MLOP06, MRSZ07, MN07b, NS09a, NKA09, OOM⁺07, PKS⁺09, PN06, PP05, PK07, RB08, Roe08, RKK09, RO07, Sak05, SS09a, Sch07a, Sch07b, SAD07].

linear

[SFFS08, SV07a, SZ08b, SZ07a, SSZ09, Sta07, SF06, Swe07a, TRST09, Ter05, THC08, Var07, WCH05, WHF07, WLS09, WCW09, WB09, WD05, WWM07, XDW05, XZS07, XW05, Yan06d, YA08, ZW06a, ZW08, yZXL09, ZGH09, ZM09b, ZSWL09, Zhu05b].

linearised [Ehr06]. linearization

[CS07c, OS07a]. **Linearized** [Har05].

Linearly [ZW08, CGP09, PJ08]. Lines

[WS05, Bra07b, CG08b, Cas05, HKB⁺05, HEOS05, Mil05, SWZ05, WSST05, rWIC06].

linked [VV09a]. linking [DVCH06].

Liouville [Abb07a, AGM06, ABI07, BV06, BBB07, BSS08, CKWZ07, Cha07, Cha08, CW08d, FPP05b, FPP08a, FPP08b, GGM06, Liu08b, MJ08a, Sim07b, SO05, WWW08, Won05, Yüc06]. **Liouvillian** [ADDdM05]. **Lipschitz**

[Bel06, CL06a, Liu07, MYY07].

Lipschitzian [NS09c]. liquid [WT07]. little

[CS09b, OS07a, PV05, Sza05b]. **Littlewood** [Gau05b]. **Liu** [MK05, Zha09b]. **Living**

[Gia06]. **LLL** [HE06b]. **LLL-spectral**

[HE06b]. **LM** [ZL09b]. **LMI**

[MLOP06, YJY06]. **LMS** [VLR08]. **load**

[DP08b, WCL08]. **Lobatto**

[CEF08, JR07, JB09]. **Local**

[LS08, LY05b, Qui07, Wri08, YOY07, ZCZ08, ABR07, BMFX07, BGG07, CJB06, DMM07, DL05, DL08a, Dao08, Di 07, EZ07, Han05, Han06, Jay07, JC09, Ko07, KYF05a, KYF05b, KCLW08, LH08a, MN07a, RW06, SZ09a, VVE08b, Zhu08a]. **localization**

[BMC09]. **localized** [Fer07]. **Locally**

[Rie06, Osa07]. **Locating** [BCK07].

location [TFC07, YJGL07]. **locking**

[Tac07]. **Log** [GZX09, ZLLW08]. **Log-det**

[ZLLW08]. **Log-Sigmoid** [GZX09].

Logarithmic

[Ped09, HS07a, KS07c, MOC09].

logarithmically

[GQ09b, Qi07, QG08, Qi09]. **logarithms**

[Gau08, Zud07]. **logistic** [MPP09].

Logistics [YJGL07, NSK09]. **lognormals**

[VCD⁺08]. **Long**

[SF06, Ben06, CP09b, LLT07]. **Long-time**

[SF06, CP09b, LLT07]. **longevity** [Den09].

look [GM09c]. **look-ahead** [GM09c].

Lorentzian [MP08a]. **Lorentzian-like**

[MP08a]. **Lorenz** [NaLH07]. **loss**

[HO09, MvdMV06]. **losses** [RR06]. **lossy**

[VT06]. **Lotka** [TSC10, Ko07, LC09a,

LJM09, LOZ08, LL07b, NPTH09, PI06,

Won09a, XWT09, YC06]. **Low** [DFZ07,

WS08, BGJ07, CS09a, GGP09, HKB⁺05,

JF06, KM06, PC05, RDH07, VVE08b].

low-density [HKB⁺05]. **low-dimensional**

[KM06]. **low-discrepancy** [PC05].

low-frequency [RDH07]. **lower**

[COEV05, Har06, HYG08b, LOA05b,

LW06c, LLC08, xMzY09, Qi08, Shi07,

WYS09, YOA06, YG09a, ZCL06]. **lowering**

[CC05]. **lowest** [Hem06]. **LULU** [CdWJ06].

lumping [LSW09]. **Lur'e** [HWSL05].

Luswili [Sto05b]. **Lyapunov** [SG05]. **lying**

[COEV05]. **lymphocyte** [Meh05, ZBB⁺05].

Lyskova [dMFPP09].

M [AA09b, ÉT08, WWP09, WK07b]. **M/**
[WK07b]. **M/G/1** [AA09b, ÉT08, WWP09].

MAC [FLPA09]. **Macdonald** [FS08].

Mach [NVD08, VVE08b]. **Mach-uniform**

[NVD08]. **machine** [EL06, WCY09].

machines [TMOG07]. **Maclaurin** [Ber06b].

magnet [WZH06]. **magnetic**

[ACV05, CHSW08, ICW⁺09, IV06, KM06,

Ma06, Sch06a, SV07a, VV05a]. **magnetized**

[LmLgF09]. **magneto** [eMH08, HeM05].

magneto-elastico-viscous [HeM05].

magneto-forced-unsteady [eMH08].

magnetoencephalography [FP08, Suz05].

magnetohydrodynamic

[BTS07, NTS06, QW06, TSB09].
magnetohydrodynamics [MDB06].
magnetostatic [DRV08].
magnetostriction [Ban08]. **Magnus** [DS06, GOT06, Lu05]. **Magnus-type** [GOT06]. **Main** [GA09]. **Main-mass** [GA09]. **making** [KGW09, RM07, WY07, WYW08, WLL09].
management [AVMVMV08, IOS07, Lan08a, Mar08, WCY09]. **Managing** [MGMT006]. **manifold** [TM08]. **manifolds** [JLR06, LS07a, Lop07b]. **Mann** [MP08b].
Mann-type [MP08b]. **many** [JG09, KTM09, LZ08a, LZ08b, LZ09b, LZ09c]. **map** [HL07b, Jai06, SFFS08, SFPS09, TMOG07].
mapping [And08, BDHW07, CHV⁺08, LH09, Pet08, SNV06]. **mappings** [And09a, ACQ09, BS09c, CAHAY09, CQ09, DT06a, Dai09, Din05a, HyLC06, Kaz06, KBA09, KL08b, Kon07, KLV09, NS09c, Par05c, PK09b, QCK09a, QCKK09, Tem09, Thi09, ZTY07, ZL09a]. **Marchenko** [CCLS06]. **Marder** [WWZY09]. **Marguerre** [CG06]. **Marker** [Lew06, NSK07].
marker-particle [NSK07]. **Markov** [BS06, EMP08, GEK09, Kag09, KR08].
Markov-modulated [GEK09]. **Markovian** [LkLkP09, MYY05, MYY07, PPG07, YG06, ZW09c]. **Marquardt** [KYF05a, KYF05b, MW09a, Wat07, Zhu08a].
Maruyama [MYY07, Mao07, PDM08].
mask [LP08]. **Mass** [BGGC07, EZ06, GA09, GKMS09, HHZ07].
mass-spring [HHZ07]. **masses** [Won09b].
massively [MBCV09]. **master** [Eng09, HBS⁺07]. **matched** [ZKSS06].
matches [MW08]. **matching** [NGS05].
materials [DK06a, LN07b, MPXK06].
Math [AMO08, Asl10, ByXy06, yCyZ09, Dai11, GPPRB07, KYF05a, LC09b, LB10, LHL11, SZ09b, TGJ19, TSC10, Yun08b, ZJ12, vDvFZ13]. **Mathematical** [AVMVMV08, GDM08, KS07f, NSK09, Wod05, ABB07e, Ant08, CPM⁺05, IOO07, Kro06a, WWP⁺08, ZMAZ09].
Mathematics [BBG05, Gia06, Lig09, CWMT07, Art09].
MATLAB [GS07b, Sha08, WSST05, BCH06, Gau05c].
matrices [ÅMK06, ÁNPQ05, AB09a, BS08a, BJS08, BGGC07, CL06c, CHS08, CSZ09, Coj09, CK05, DHM07, DV08a, DV08b, Du07a, Duf09, EST07a, Gem05, GLV05, HM09a, HR05c, HYG08b, JM07a, tLxLlW07, LHL06, LF07b, LF08, LC09b, LvGJ06, MLL09, MVVV06, Mor07, NL05, NT06, OTOR07, yPIH05, RT08, RT09, RH06, Sim07a, Smo06, SS07, TV07, TS06b, THC08, TA09, TM09, VVV08, VMV07, WHF07, WtL09, Wan09b, WS09a, XW07a, XZL08, YH05, YWH05a, YWH05b, Yi09, YD09b, Yua09, Yun08b, yZXL09, ZM09b, Zho06, dF07]. **Matrix** [KS07b, KN06, AEBEK09, AH07, BM08a, BG07d, CJP08, CW08d, DSW08, DH09, DIKZ07, DS05a, Deu07, DL09c, DG05, DI06, FKL05, GH08, GHZ06, HYYF05, HYG08a, HV06c, Iva06, KM06, Kil07, KA07, Koh08, KW09, KV05, Lai09b, LLZ08, LSW09, LGYH09, LM09b, hLyHZ08, Lop07b, Mar07c, yPESIZ07, yPyHZ07, PS09b, RS05d, SHC08, TG09, Toy07, VG09, Wu08, WWD09, YD08, Yun05b, Yun08a, ZHG⁺09, ZLDW09].
matrix-splitting [HYYF05].
matrix-valued [FKL05]. **max** [LXX08, fLxXT08]. **max-bisection** [fLxXT08]. **max-cut** [LXX08]. **maximal** [BC08, BDGV09, BGG07, CY08c, Din05a].
maximization [DS05a]. **Maximum** [FvZ06, KL08a, HKV09, KK06, SV07b].
Maxwell [AFT⁺07, BHP07, Cim08, DFLP08, GZL07, GSS07, Ham09, Li06a, LN07b, Ma06, SHB05, SZ08b]. **MBFGS** [LYW08, ZZ09c]. **McKendrick** [PI06].
MDO [FGB07]. **meal** [BNDN09]. **Mean** [Hua08, LS06a, RB08, Sic08, Toc05, YZL08, BB05, BH09, Bra07a, CT09a, Luo07].
Mean-semivariance [Hua08].

Mean-square

[LS06a, RB08, Sic08, Toc05, BH09]. **means** [ABC06, CV05a, CDL05, CD07b, IO06, Lóp07a, MPZ09, MNMS05]. **measure** [DS07b, EMP08, NL05]. **measurement** [CL06b]. **measurements** [Di 07, FZ09, ZS05]. **measures** [AS09a, CE09, CT09b, DLROY05, EST07a, GD09, LZ09d, MH08, VCD⁺08]. **Measuring** [HG09, WY07]. **Mechanical** [pLT07, AHM09, NT08]. **mechanics** [ABC06, SRP08, Tsa09]. **mechanism** [VJ09]. **mechanisms** [TF07]. **media** [CMX09, Cui07, DCZ07, EGM07, FS07, GS07a, Li06a, MP06a, Sea07, Sha05, SY09, WG06]. **median** [AA09a]. **mediated** [BCeAJ09]. **medium** [eMH06b, EKEHR08, VT06]. **MEG** [FP08]. **Meixner** [AGMMB05, FLS08]. **Mellin** [Lóp07a]. **membrane** [KS05b]. **memory** [BDL09, BF08b, Den07b, SC07b, VL06, XZ08]. **MEMS** [FGRW09]. **Menten** [JSS07]. **merit** [CGP09, LRH07]. **Merton** [May08]. **Mesh** [AK09, AG06, AFT⁺06, AKW05, BISS05a, BKB06, CM05b, CMST06, CGPS08, DB08, DVCH06, DW06b, FLPA09, KGA08, MJ09, MJX09, Moh05, RO05, SÁ08b, TTZ06, Vul07, ZX06]. **mesh-free** [AFT⁺06]. **meshes** [AT09b, BFGP08, BHP07, DCF06, Gar07a, GWG08, HKV09, Koz09, LX06, LN07b, RB06, TS06a, ZC08b]. **meshfree** [Kro06b, uIHA09]. **Meshless** [PSV08, YXYJ06, AFT⁺07, DT06b, Gás09, HS08a]. **meta** [BLR07, Meh05]. **meta-dynamics** [BLR07]. **meta-population** [Meh05]. **metaheuristic** [fLxXT08]. **metal** [CH09]. **metallic** [dCDND06]. **metamaterials** [Li07a, OMC08]. **metapopulation** [SZ07b]. **metastable** [OW06b]. **meteorological** [KKS⁺07]. **Method** [HEOS05, WS05, AETE07b, Abb07a, Abb07b, AT09a, eMH05, eMH06a, eMH06b, AYK09, AS05b, Abd08, AEBEK09, AHM08, ABG06a, AOSY05,

Ahm07, AHC05, AABL08, Alh06, ABG06b, ABB⁺07c, ABGH08, AB07, AB05, AML07, AS05f, ABS07, AK09, ABP08, ACWL07, Arg07, ACV05, Asl10, Ass09b, AT09d, ADDdM05, BM08a, BNT08, BSST08, BG07a, BH07a, BH09, BSC07b, BJS08, BDHW07, BUG07, BLT09, Ber06a, BR07b, Bi08a, Bno07a, Bno07b, BFGM06, BJ06, BS09b, BIR09, BK09b, Bou07a, BFP09, BMC09, BeMBH06, BG07d, Boy09, Bra07b, BCP07, BK08, BH07c, Cao08, CC06a, CMR06, CMV09, CR09, Cas05, CJ09a, CHXL06, CHM06, CP08a, CP08b, CWW08, CLQ09, CLA09, CHS08, CL09b, CU09a, CU09b, CQ09, CEJ09, CJ07, Chu08, CN08, Cui07, CDMR07, CDM07b, DSI06, DWW06, DC08, DSC09, Dai11, Dan06]. **method** [DP05a, Dao07, DM07b, DB08, DL09a, De 08, DG08, DS08, DH09, DVCH06, dCDND06, DO06, DAE05, Dol08, Dom09, DJ07a, Dor09, DS05b, DT06b, DMZ08, Dub09, Eba09, EGO06, EGFO09, EEGG08, EM08c, EPP⁺09, EH06, FHH08, FH09a, FHM09, FLPA09, FFSS09, FL08a, FKM05, Fu08, GH09, GAC⁺08, Gal06, GGD08, GJM07, Gan08, GPP07, GMM09, GG07, GC09, GK09, GH08, GO05, Gon07, GL06, GS09, GM09c, GSS07, GZLL09, GZX09, GG09b, GW06b, HKB⁺05, HCL08a, Han08, HTS09, HC09, Has06, HLF09, HYYF05, HH07a, He07, HMPR07, HK08, Hei05, HH07b, HeM05, HR05a, HS08b, HS06, HO07, HO06, Hoc08, HVV09b, HQ06, Hos06, Hos09, HM08, Hsi09, Hsu05, Hu05b, HLL08a, HYG08a, HGS08, HMT09, HKM08, IO06, Jan08, Jan09, bJyKyZmT09, JW08b, JH08a, JYX07, KGA08]. **method** [KKW06, Kaw07, KRA08, KTH08, KKLY06, KK09c, KW09, KW07, KSE09, KLW07a, KLW07b, Kou08, Koy07, Koy09, KS07e, Kro06b, KKD06, KM09c, KLV09, yL08, Lar08, Lew06, Li05d, LY05a, LWYT06, Li07b, LCH07, tLxLIW07, LHW07, LW07, LmY08, LH08a, xLLhZ08, LLZ08, lLpZ08,

Li09a, LS09, LZ09a, Li09c, LY09, LZLH07, LX06, LDM09, LWLL09, LH07b, LC09b, LYB09, LYT07, Log08, LN07b, hLyHZ08, Lu07, LC08c, LHW08, Ma06, MC08, MW09b, MJ09, MW09a, MJX09, xMzY09, MDP08, MDT07, MMM08, MV08, MNG09, MS09a, MNP08, MYY05, MCR08, Mar09, MT05, Mat08, Mil05, MN07a, MZW06, MLY07, MD09b, MO08, MRSZ07, Mot06, MNMS05, MS09c, MA09, NTS06, NKM08, NKA09, NSK07, NSS07, NB06, NMMS05, NMM07, Oga06, OA06, OS09, OTOR07, OS06a, OMC08, OZL09, OOM+07, PS09a, PT09a, PG07, PKS+09, PT06, PT08a].

method

[PRGPS09, Pet09b, PJ06b, Pre08a, Pre09, Pul09, QW06, QFX06, QWS09, QZZ08, QZY09, RT08, RVA07a, RZ07, RD08, Rea07, RW09, RA07, Sak09, SA09, SST09, SS09c, SWZ05, Sav09, SHK+08, Sea07, SAD07, ISsZ05, SaLJ08, SJ09, SS06a, SG08, SZD09, uIHA09, SK09a, Śmi07, SZ07a, SSZ09, SA07b, SM09, Sto05a, SP09b, yS05, SY09, Svá08a, Svá08b, Swe07a, Swe07b, TRS07, TTZ06, TS06a, TJ08, TRST09, TD07, TG07, TY07a, THC08, TK07, TA09, Toy07, TY05, TY07b, TV09b, Uje07, UFG09, VVV08, VDV08, VVE08b, VAN06b, Vin09, WK08, WT07, WCH05, WFL07, WHF07, Wan07c, Wan07a, WG08, WGZ08, WHL08, WYL08, WFW09, WZ09a, WH09a, WWWF09, WYL09a, WtL09, WCY09, WL09a, Wat07, Waz07a, Waz07b, WL09b, Woj06, WO08, Won09a, WSST05, WLK06, WKL06, WeR07, WTZ08].

method [WWZY09, WHZ09, XKF06, XW08, XZS07, XSW09, XZZ09, XWZH08, XZL08, XF07, Xio07, XHW07, XSP09, YA07, YOO07, YZ09a, YY07a, YLC09, YG09a, Yao09, YG09b, YH09a, YXF07, Yua08, YLW09a, YLW09b, Yüc06, Yun08a, Yun08b, Zar09, Zha05, ZZ06a, ZCL06, ZZZ08, ZhL08, ZJW08, ZHG+09, ZXZ09, ZLZ09a, Zha09b, ZM09a, ZLL09, ZGH09, ZZ09a, ZDC07, ZBL08, ZH08, ZZ09c,

ZW09d, ZYLY09, Zho09a, Zhu08a, ZF09, ZA09, ZH09, Zhu07, ZKSS06, dS07a, NK10]. **Methods** [May08, AUY06, AT07, AM09a, AG06, AZGN06, AMCM05, AMCM06, AR09b, ABP06, ABB+07d, ADLT09, ASL07, AR09c, Arg09a, Arg09b, AKW05, AB09b, Bad08, BR07a, BW06, BN08b, BJ07a, BJ08, BDL09, BY09, BRW09, BGP09, BJ07b, BNPR08, BJSS06, BMM06, BM07b, BW07b, Cal07, CLM06, CFMR08, CFMR09, Cam08, CCD09, CGRGVP08, CAY09, CL06a, CL09a, CLN09, CT09c, CYB09, CHJZ09, CXH09, CCK06, CX08, CD06, CMT09, DT06a, DKHNZ08, DMS05, DGR07, DK06b, DFLV06, DL08c, Dio09, DFLP08, Don09, DBG07, DBR08, Eds09, ED06, ER07, ER09, Eps09, FT08, FLMR07, FJT07, FL06b, FNW06, FR06, FN09, FZL07, Fra05, Fra06, GG09a, Gan07, GS07a, GZL07, Gar09, Gás09, Gei08, Gei09, GPPRRB06, GPPRB07, GT09, GQ09a, Guo06, HL07a, HLH07, HR05b, Hom05, Hom09]. **methods** [How09a, HL07c, IT07, Ish07, JL06a, JZK09, JKM07, Jay07, JD05, JC09, JR08, KYF05a, KYF05b, KVK08, Kil07, KS09, KR07, Koç08a, Koi05, Kom07a, Kom07b, Kom08, KA06, Kot08b, Koz08, Koz09, KMB09b, Kul09, KL09, LN07a, Lai09b, LVV05, LR09, Li06a, Li07a, LTW07, LS08, LZ06, pLT07, Lop07b, LNL09, LP06a, LHL11, Mar07a, Mar07b, MVVA06, Moh05, Moi05, MRSZ06, MR09, Ned08, NSC07, NST08, Nov08, OMV09, Osa06, Osa07, Osa08, PS07a, PPV05, PI06, PT09b, yPESIZ07, PM05, PIP07, PPR07, PLMP08, PJ08, Qin09, RVA05, RVA07b, RS08a, RB08, RS05c, Roi07, RKK07, RKK09, SS05, Sch07b, SX09, SG09, Sic08, SW06b, SS06b, Sta07, Tem07, Toc05, TS05, Tsi06, UO09, VRBF07, Van05, Van06a, Van07a, Van07b, Van09, VV07, VLR08, Ver06]. **methods** [Ver05, VAR06, VL06, VK08, WG06, WLY05, WCZ07, WLS08, Wan08a, WLS09, WS09a, WSPJ09, WWM07, WYL09b, WH09b, Xia07b, Xu07a,

YOY07, YLN09, YXJG08, YJJ09, YH09a, Yu06, YH09b, YKS09, Yun05a, ZP06, ZT06a, ZZ08a, yZXL09, ZLZ09b, ZJ12, ZM09b, Zho08, ZSWL09, ZC08b, jia09b, vdBHPS07, vdESvG05, PRZW08]. **metric** [SVC09, VL06]. **metrology** [SD06]. **MFS** [KS07b, SK09b]. **MHD** [EKEHR08, HAS08]. **MIC** [MK09]. **Micchelli** [Yan05]. **Michaelis** [JSS07]. **micro** [KD05]. **micro-sphere** [KD05]. **microbial** [Liu09c]. **microlithography** [BRVWM07]. **Micromagnetic** [WZH06]. **Micromagnetism** [Cim09]. **microreactor** [KPAT07]. **microscale** [Har08a]. **microscopic** [MMM08]. **microwave** [VT06]. **mid** [Cim09]. **mid-point** [Cim09]. **migration** [SLN06]. **mild** [EH06]. **mildly** [GM07b]. **Miller** [WS05]. **Milstein** [HMG06]. **MIMD** [Saa06]. **Mindlin** [XKF06]. **Minimal** [BFGP08, CK06, EFP06, KSS07b, SS05, TS05]. **minimally** [BISS05b]. **minimax** [Jay08, bJQIZ07, LW08c, MPR07]. **minimisation** [dS07a]. **Minimization** [Lan08b, Lan08a, MYY06, DFZ07, XSW09, ZZ09c]. **minimizer** [Lei08b, lSsZ05]. **minimizers** [Lei08a]. **Minimizing** [BRIP09, PVC06, GEK09]. **minimum** [Alo07, CCW⁺09, Den07a, WLL09]. **Minkowski** [FH07]. **minmax** [AHS08]. **Minton** [RS05d]. **Minton-type** [RS05d]. **Miodek** [GJM07]. **miscible** [Cui07, Cui08, SY09]. **missing** [DMM07, MR09, WWWF09]. **MITC** [XKF06]. **Mixed** [FL09b, RS08a, WGZ08, ALR05, BG07a, Bi08a, Bno07b, BNPR08, BFP09, CMX09, CD05, CY09, CY08b, CJ09a, CL08, CHS08, CN08, Cui07, Dai09, DRV08, Deu07, Din05a, Din05b, DF08, GMM09, GDA07, Ham09, How09b, HyLC06, JLNP06, KK06, yL08, Li07a, LWMT07, LD06, MMM08, MP06a, Rea07, RKK07, SY09, Sur05, XH08, XW07a, YXJG08]. **Mixed-type** [FL09b, CHS08]. **mixing** [Lin09a]. **mKdV** [ZLYW09]. **Möbius** [dB05b]. **mode** [SA09]. **Model** [HNS09, WWWF09, WL09b, AR09a, AG09, AT09d, BCeAJ09, BLR07, BBF⁺05, BK09a, BM08b, BC09a, BB09a, BG07c, BGG08, BNP07, CMX09, CLGG09, CK09b, Che05, CXS06, CLCL07, CC06b, DD07, DWY09, DL07a, ET06, Fai07, FIR06, FW09, GY08, GSBB09, GG08, HG09, HSN09, HKS07, Hu05a, HGS06, HL09c, IV06, JRM09, JL07a, Joh05, JSS07, KD05, KS07a, Ko07, Kho09, KS09, KN06, LH05a, LF07a, LD08, LC09a, LFW09, LCH09, LBS09, LTC06, LZZD09, LL06, MG08, MK05, NPTH09, QW08, QZZ08, RW06, RR06, SS09c, SM07, Sen07, SP06b, SMT07, SZ07b, TCMS06, TL09, Thi05, TSC10, TD06, VDV08, WZ06, WJS⁺09, XC08, XZL08, XGM09, YTM07, Yan06a, YZ09b, YH07, YY08, Yua08, YD09a, ZWZ08, ZLY09, ZZZ09, ZZ09b, ZL09b]. **model-moving** [MG08]. **Modeling** [ABD⁺05, LLS09, LP07c, Meh05, TK07, ZBB⁺05, AVMVMV08, Aue07, BRVWM07, CPM⁺05, GDM08, MD08, RMKA05, rWIC06]. **Modelling** [Kar06, MSTT08, WW09, ABB07e, BBPR09, FDFL07, KPAT07, MSB05, McC05, NL05]. **Models** [Ver05, AKL05, BB08a, BB08b, CB07, DK06b, Eps09, FPS08, GR09, Guo06, Hua07, Hua08, HO09, IV07, JVVvdZ06, Jay07, Joh05, KOS07, KS07f, LSTS06, LCYZ08, LL07a, LRB05, MMFMG07, MBCV09, May08, MPP09, Men09, NGS05, RB06, Sch06b, WK07a, WC08, Wil07, Wod05, YC05, ZMAZ09]. **modes** [XZS07]. **modification** [JYX07, Zha05]. **modifications** [Chu08, FH09a, HCL08a, KLW07a]. **Modified** [And09a, GW06b, GN09, HMT09, KK09a, NB06, QWS09, SLMW06, XZ08, AETE07a, AETE07b, And08, AR09c, BSC07b, FHM09, GXgL05, GS09, GNS06, HMG06, Koy09, Kru05, Li06b, LN09, fLxXT08, LYB09, Par08b, Pré08b, QFX06, WHL08, Wu07, WWZY09, WHZ09, YOY07,

YLSX06, ZZZ08, ZM09b]. **modulated** [GEK09]. **modules** [FKL05, Par05c]. **Molcanov** [BBB07]. **molecular** [Li09b]. **Moment** [GA09, Ber07, BGVHN08, Chr05, EST07a, FSL09, Ism05a, MPP07, PDM08, Ped09, RW09, Sch06a, SV09]. **moment-corrected** [MPP07]. **moments** [DJ06, KM09b, LWH09b, Pré08b, SP09a]. **Mond** [LTY08]. **monic** [KMJ06, Pet07b]. **monitoring** [CM08]. **monodomain** [HRGD08]. **Monotone** [Bog05b, yL08, WZ08, Bog05a, CY08c, CS07c, CL09a, Din05a, FD09, Fu08, HyLC06, bJQZ07, KA06, PK09b, Wan07c, YG09a, ZZ06a]. **monotonic** [CRS05, GQ09b, Qi07, QG08, Qi09]. **Monotonicity** [DR09, FO05, PJ06a, Waa05, AD09, CHW09]. **Monotonicity-preserving** [PJ06a]. **monotony** [KS05a]. **Monte** [HSN09, Lai09b]. **Moore** [TA09]. **Morgenstern** [GK08]. **Morley** [HGS08]. **morphogen** [LNW06]. **Morrey** [BGG07]. **Morrey-type** [BGG07]. **Morrison** [EM06]. **mortality** [DD07]. **mortar** [DHS09]. **MOSFETs** [LY05a]. **motion** [AMO07, AMO08, DMM07, FW09, JKK06, NP08]. **Moving** [LX06, Alh06, AG05, BBSV08, Kas06, Koz09, MJX09, MG08, Mil05, TTZ06]. **MR2333703** [Yun08b]. **MRLW** [KRA08]. **MSOR** [MY06]. **Multi** [AG09, yCyZ08, yCyZ09, Gás09, JRM09, LÅH08, SS09a, Zad09, BW07b, DT06a, DLG05, FJT07, FC09, GJL08, HTS09, HW08, HO09, Jia09a, KMB09a, Kon07, LLS09, LZW09, zLCgS06, MD09a, Ned08, NST08, NM06, PLMP08, RB08, SyS08, SL09, Sic08, WF09, YZ09b, ZAVS09, ZZ09b]. **multi-asset** [NST08]. **multi-degree** [HW08]. **Multi-dimensional** [LÅH08, HTS09, zLCgS06, PLMP08, RB08]. **multi-elliptic** [Gás09]. **multi-factor** [HO09]. **multi-gases** [SL09]. **multi-layer** [YZ09b]. **Multi-level** [Gás09]. **Multi-objective** [JRM09, Zad09]. **multi-pantograph** [SyS08]. **multi-period** [LLS09, ZZ09b]. **multi-point** [DLG05, GJL08, Jia09a, LZW09, MD09a, Ned08]. **multi-points** [NM06]. **multi-response** [ZAVS09]. **Multi-scale** [yCyZ08, yCyZ09]. **multi-section** [KMB09a]. **multi-species** [WF09]. **Multi-stage** [AG09]. **multi-step** [BW07b, DT06a, FJT07, Sic08]. **Multi-synchronization** [SS09a]. **multi-term** [FC09]. **multi-valued** [Kon07]. **multiband** [NQDJ06]. **multibit** [TND⁺09]. **multibody** [Aue07, BBD06, Dmi08]. **multicommodity** [KCK09]. **Multiderivative** [SS05]. **Multidimensional** [MMS⁺09, CZ08a, DD08, MSTT08, PW08]. **multidomain** [GW06b, JKM07]. **Multifilters** [CLS08]. **multifunctions** [CY08a]. **Multigrid** [KDH08, MA09, Sea07, Bor07, BSKS07, CCCH09, De 08, VN09, XZS07, WT07]. **multigrid-FEM** [WT07]. **multilevel** [MS09c]. **multimedia** [CGRGVP08]. **multiobjective** [Ant09, JK09, UFG09]. **Multiple** [CHSW08, GJL08, Hon08, Lan06, MD09a, PV05, Won05, BJSS06, BKT07, CJP08, CSG05, CMRS06, CV05b, DESC07, Eig07, Est07b, GK09, GQ09a, HWSL05, Hom09, LZW09, MLH08, MS06a, Røb08, Tan06, TYH08, Toy07, WYO09, Wik08, YB05, YW08, ZC08a]. **multiple-image** [DESC07, Est07b]. **multiple-objective** [YW08]. **multiplication** [CT09a, PS09b]. **Multiplicative** [Li08, CG08a, ZW09d]. **Multiplicity** [HC08, YOA06]. **multipliers** [BG07a, BNPR08, Tan06, ZH09]. **multiply** [BDHW07, WN08]. **multipole** [DM07b, OMC08]. **multiquadric** [CHW09, LT06b, MW09b]. **Multirate** [SKAW09, Sav08, Sav09]. **Multiresolution** [GP08, ABT06, CP09c, KJ09, TS08, ZYLY09]. **Multiscale**

[LCZ09, CHXL06, LG07, MS09c, VR08]. **multiscale-based** [MS09c]. **multisplitting** [CHJZ09, Don09, Yun05a, Yun08a, ZHG⁺09]. **multistable** [DBE07]. **multistep** [AT07, ASL07, Gar09, Mar07a, TYZ⁺05, VAR06]. **Multivariate** [GNS06, Mat07a, PR08a, Ple09, Sau08, BI08b, KR08, LW06c, WLL06, Wan08b, WZD09, dMFPP08]. **multiwave** [PS07b]. **multiwavelet** [BP07]. **Müntz** [MC05c, MDSR04]. **mutual** [WWWF09]. **Myshkis** [CCH06].

N [Sto05b]. **Naik** [AG09]. **nanocrystalline** [WZH06]. **nanoscale** [LY05a]. **Nash** [PPV05, PLGS09]. **natural** [BBM07, EKEHR08, LS09, LYT07, RK08a]. **nature** [TH07]. **Navier** [Dai11, DC08, DSC09, DMZ08, FLPA09, FH09c, GRW08, HH07a, HL09b, KDN08, Mot06, NHN07, SS08, VVE08a, YWD09, YXYJ06, ZH09]. **NCP** [HHC09, MC08, ZZ09a]. **NCP-function** [MC08]. **NCP-functions** [HHC09]. **NCPs** [CP08b]. **Near** [BISS05a, BISS05b, KS07c]. **Near-best** [BISS05a]. **nearly** [EJ07, Scu09, Toy07]. **nearness** [YD08]. **Necessary** [BGG07, HW07, LW08c]. **negative** [BM06, DL09a, LVV05, Li07a, LZZ09, SZ08a, SZ09b, YW09a]. **negatively** [BS09b]. **Nernst** [Hsu05]. **nested** [RV05, Wac05, vdESvG05]. **nested-grid** [Wac05]. **network** [CFGVP07, DA09, HKS07, KCK09, Lin09b, SC06a, Yan06a, YHH05]. **Networks** [CM08, BNP07, CdAHBR06, CHBMBR07, FL09c, GEK09, HBS⁺07, LMZ08, LZY09, LY09, Liu07, LH07a, LGYH09, LS06c, LC08b, MLL09, Moh08, Sha09b, Sin08, SC07b, Ste07, TBBC07, TXZ09, XLHZ05, YSYX08, YY07c, ZG09, ZW09b]. **Neumann** [CV09, Dan06, HL07b, Hem06, HR09b, Jai06, JLNP06, Pie09, SFFS08, SFPS09, WMN05, WN08]. **Neumann-type** [Pie09]. **Neural** [CM08, FL09c, LMZ08, LZY09, Liu07, LH07a, LGYH09, LS06c, LC08b, MLL09, Moh08, Sha09b, Sin08, SC07b, TXZ09, XLHZ05, YSYX08, YY07c, ZG09, ZW09b]. **neuron** [Yan06a]. **neuronic** [HCS05]. **Neurospora** [Nag09]. **neutral** [BBPR09, BG09, HR09a, JL06a, KTM09, LmZbL07, LWMT07, LB09, LB10, MLL09, MY08, PP05, Sak06, WWC05, WTL05, WLS08, WLS09, WL07, WH09b, XZL09, XW07b, XL07, YC05, ZW09c]. **neutral-type** [MLL09]. **Nevanlinna** [GLV05]. **Newmark** [ZP06]. **Newton** [AML07, Arg07, AR09c, Arg09a, Arg09b, BK08, CR09, CL06a, CP08b, CL09b, Chu08, DC08, DH09, DFZ07, Dub09, Dus05, EEGG08, EH06, FHH08, FH09a, GK09, GPRB05, GS09, HCL08a, HR05a, HR05b, Hom05, Hom09, Hsu05, Hu05b, HMT09, JYX07, Kaw07, KLW07a, KV09a, hLyHHZ08, MC08, MNG09, PG07, Sch07b, Sea07, Śmi07, WZD09, WCY09, XZZ09, YOY07, ZJW08, ZZ09a, ZBL08, Zhu06]. **Newton-like** [Arg09a, HR05b, PG07, Sch07b]. **Newton-penalty** [Dus05]. **Newton-secant** [GK09]. **Newton-type** [CR09, FHH08, GPRB05, Hom05, Hom09, ZJW08]. **Newtonian** [GW08, ICW⁺09, Svá08b, ZZL08]. **Nicholson** [LF07a, LD08]. **Nicolson** [PP09, WKY⁺07, YWD09]. **nine** [DL09b, GSBB09]. **nine-point** [GSBB09]. **Njåstad** [Ano05-38, Lor05]. **NLS** [CX07]. **no** [Yun08b]. **Nodal** [BC08, Dmi08, Sie07b]. **node** [LW06b, LZ09a, LLD09]. **nodes** [BDGV09, Mil05, MS06a, dB05a]. **Noether** [JKM09]. **Noether-type** [JKM09]. **Noise** [FN09, BS07, CX06, Toc09]. **Noise-induced** [FN09]. **noisy** [BFGP08, KP08b]. **Non** [ARVP09, BS09b, Jay08, SFV09, UO09, ABBM09, AKL05, AR09c, BR07b, Bou07a, Cha07, CC07, DS09a, Dao08, DG08, DFLV06, DHS09, EZ07, Fan09, FIR06, GGT07, Gia06, GHT06, HSN09, HyLC06, ICW⁺09, KK09c, Kom07b, KMB09b, LC06b,

LvGJ06, LP06a, MYY07, MK09, MY08, Moh05, MS07c, MS07d, MS05b, RW06, SJZY09, SZ08b, SDV07, Svá08b, Swe07a, XSW09, Yan06d, YG09a, ZZL08, ZCL09]. **non-algebraic** [GGT07]. **non-autonomous** [LC06b]. **non-classical** [ZCL09]. **non-commutative** [Kom07b]. **non-conforming** [CC07, GHT06, MK09]. **non-convex** [Fan09, KK09c, XSW09]. **non-critical** [MY08]. **Non-differentiable** [Jay08, AR09c]. **Non-existence** [SFV09]. **non-Fréchet** [ABBM09]. **non-Gaussian** [HSN09]. **non-Gaussianity** [SJZY09]. **non-Hermitian** [KMB09b, LvGJ06]. **non-integer** [MS05b]. **non-linear** [DG08, Moh05, MS07c, SZ08b]. **non-Lipschitz** [MYY07]. **non-living** [Gia06]. **non-local** [Dao08, EZ07, RW06]. **non-monotone** [HyLC06]. **Non-negatively** [BS09b]. **non-Newtonian** [ICW⁺09, Svá08b, ZZL08]. **non-overlapping** [Bou07a]. **non-penetration** [DHS09]. **non-polygonal** [SDV07]. **non-self-adjoint** [BR07b, Cha07, MS07d]. **Non-separable** [UO09]. **non-singular** [Yan06d]. **non-smooth** [DFLV06]. **Non-standard** [ARVP09, AKL05, LP06a]. **non-stationary** [DS09a]. **non-uniformities** [FIR06]. **nonautonomous** [Che05, GOT06, LZY09, LOZ08, SP06b, TR06, WLF09, XW06]. **noncoercive** [NH08]. **nonconforming** [AR09b, CYM08]. **nonconstant** [Bra07a]. **nonconvex** [DFZ07, YG07, ZZ09c, Zhu08b]. **nondifferentiable** [AHS08, Ant09, JK09, LW08c, MPR07]. **nonequispaced** [PT08c]. **nonexpansive** [CS07e, CQ09, PK09b, QCK09a, QCKK09, Tem09, Thi09]. **nonextensive** [Tsa09]. **nonhomogeneous** [AS05d, GNP09]. **nonincreasing** [MLY07]. **nonisolated** [SCM09]. **Nonlinear** [ABT06, CS07d, GF08, MJB09, Mil05, Pok06, Slo08, WLS08, WLS09, Xu07b, AETE07a, AEET09, Abb07a, AT09a, eMH06a, eMH06b, AEBEK09, ADMM07, AS07, AB05, AMV06, Arg09a, AB09b, BS09a, BLW06, BFT07, Bat08, BRW09, BH07b, BK09b, BF09, Bor07, BMC09, BK08, BSS09, CC09, CK09a, CS07c, CYZ09, Che05, CXS06, CGP09, CL09a, CYB09, CXH09, CHJL08, CMT09, DS09b, Dem07a, DA08, Du07b, EGO06, EGFOA09, EPS05, FWY09, Fan09, FWZ09, FPS08, FH09a, FI07, FD09, FKM05, FOP05, FL08b, GGG09, Gan07, GS07a, GJM07, GPP07, GXgL05, Gei09, GM07b, GZX09, HCL08a, HY09a, HJK09, Han07, HK07b, How09b, HL07c, HR09b, HyLC06, HM09b, HMT09, IO06, IS06, JDG06, Jan09, JG09, bJQZ07, JM07b, KYF05a, KYF05b, KK06, KCS06, KRAH07, KR07, Koç08a, Koç08b, KHWF09, LWW08, yL08]. **nonlinear** [LL05, LL08, LSTS06, Lew06, LHW07, lLpZ08, Li09a, LZ08a, LZ08b, LZ09b, Lia05, LKSC06, zLCgS06, Liu08b, LYB09, LB09, LLW09, Liu09c, LB10, LRT06, LD06, LOA05a, LOA05b, LNL09, Luo06b, MC07, Ma08a, MV08, MO07a, Mat07b, Mat08, MY06, MJ07, MY08, MA08b, Min05, MK07, MO08, Ned08, NB06, OW06a, Pet09a, PR08b, Rob07, RKK09, SK05, Sak06, SS09b, Sha09a, SJ09, SJZY09, SJZ09, SV07a, SA07b, ST07, SP09b, SL08, Swe07b, TGJ19, TRST09, Uje07, UFG09, VW06, WMG08, WK07a, WLL07, Wan07b, WG08, WZ08, WHL08, WNZ09, WH09a, WYL09b, WWFV07, WWZY09, XZL09, Xu07a, XSP09, YY07a, YZ09c, YM07, Yas07, YW09b, YLW09a, Zha05, ZZ06a, ZJW08, Zha09b, ZJ12, Zho09a, Zhu05a, Zhu05c, Zhu05b, ZF09, Zhu08d]. **nonlinearities** [Cao08, HWSL05, LOA05b]. **nonlinearity** [IL05, SS09b]. **nonlinearly** [bJxC09, ZA09]. **Nonlocal** [CJCD07, Du07b, MJX09, SD09]. **nonmonotone** [DEMR08, LYW08, MLY07, QZZ08, QZY09, SS06a, SP09b, WLY05, XSW09, YP08, ZZ09c]. **Nonnegative** [OS07a, HYG08b]. **Nonoscillation**

[EBP09, JL06b, Xu08]. **nonparametric** [MJB09]. **nonperiodic** [BG07b]. **nonreflecting** [YS06]. **Nonself** [KN06, Thi09, ZTY07]. **Nonself-adjoint** [KN06]. **nonself-mappings** [Thi09, ZTY07]. **nonsingular** [VMV07]. **Nonsmooth** [BGRS06, AZGN06, Arg07, BGP09, KMVWY09, MW09a, PV09a, WTZ08, ZCH07, ZXZ09]. **nonstandard** [DK06b]. **Nonstationary** [CL09a, CGP07, Dol08, GP08, Yun05a]. **nonsymmetric** [Gan08, GQ09a, GNP09, Guo06, JR08, KK08, RT08, RT09, RH06, SHC08, SSZ09]. **nonsymmetrical** [ZGV06]. **Nontrivial** [LLW09]. **nonuniform** [DL05, KGA08, KDN08]. **nonuniformly** [SLN06]. **Nordsieck** [Kul09]. **norm** [CV05a, GSS07, HW08, bJyKyZmT09, Mor07, WA08]. **norm-relaxed** [bJyKyZmT09]. **normalized** [Swa06]. **normed** [BISS05b, MM09]. **norms** [MY06]. **Norton** [FZ08]. **Note** [AOSY05, CHS08, Du07a, SA07a, AD05, BE06b, CL06c, DT06a, DS05a, Gra06, GZ05, HP07, KN09, KP07, LP07b, Li05d, LC09b, Lu09b, Luo07, MS07b, MB07b, RVA05, RP09, SG05, SHB05, VV06, Yun05b, Yun08b, ZZ06c]. **Notebooks** [RVK05, RV05]. **notion** [SCS08]. **Novel** [PK09a, TXZ09, XZL09, HMH08, MO08, SRW09, SK06, XWZH08, ZYLY09, dS07a]. **NPV** [Hua07]. **nuclear** [LRV⁺09]. **nullity** [VV06]. **number** [Kan05, LCH07, MS05b, SZ09a, SL08, Tan06, VVE08b, WD05, Wik08]. **numbers** [Ben07, CT09a, CMM09, EKL⁺07, GGP09, KG09, NP06, NP07, SP09a, WD05, XDW05, XW07a]. **Numeric** [SL09, BBD06]. **Numerical** [AT09a, AGM06, ADF07, AM09b, AVMM⁺06, BS08a, BS09a, BCeAJ09, BDY09, BLW06, BSC07b, BG07d, BNP07, CFV06, Car06, CB07, Civ07, CP09b, DH06, DL08b, DS09b, dCDND06, DF09, DFLV06, DJ06, DFHS08, Eds09, ET08, FZ09, Fer09, FDFL07, Gao06, GRW08, GHT06, HO06, IO06, Ish07, JL06a, Jen07, Ko07, LL05, LL08, LLD09, LYB09, Lop07b, LRB05, MJX09, MDMRP09, MYY05, MD08, MCA09, MN07a, MO07b, MNMS05, Mus09, NHN07, NWW08, Nig07, PI06, PT08c, RVM08, Sha05, SA07b, SBO09, SDV06, Sun09, SSMB07, TGB08b, VRL07, VK08, WTZ08, XHK⁺08, YJJ09, ZZZ06, ZLA07, Zha07, ZCL09, AEET09, ACR06, Arp07, ABV08, Att05, BXC09, BS05, BFT07, BSC09, BGP07, BF09, BSV08, BB08b, BB09b, BMM06, Bru08, Bru09, CCD09, CJB06, Cas07, Cas05, CMM09]. **numerical** [CHSW08, CC06b, DMM07, DSI06, DFFW06, DK06b, FFSS09, FL09b, Gug06, GGP09, Ham09, Has09a, HV06a, Hat09, HV06b, HY09b, HCK07, HLL08b, IT07, JVVvdZ06, Jay07, Kaw07, KAP07, KTM09, LN07a, Li05a, LkLkP09, LS09, Lia05, LDM09, LKSC06, LM09a, LHL09, MV05a, MT05, MG08, Mon07, MS08b, NST08, PK09a, Pet07a, Pre08a, QW08, RS05a, RDH07, RHQ06, RK08b, SK05, SS05, SHK⁺08, SAD07, Sid05, Sid08, SFFS08, SLN06, uIHA09, SD09, SW06b, TRS07, UO09, VAN06b, Vil09, Wan07c, Win06, XC09, ZL05, Zha08, ZMH09, ZW09c]. **Numerically** [LCKK06, BKB06, CDM07b]. **numerics** [HZ05]. **Numerov** [AOSY05, FT08, HVV09b, Tsi06, VV07]. **Numerov-type** [FT08]. **nutrient** [Thi05]. **Nyström** [Van07a, AMCM05, AMCM06, Bar09, DL09a, Van06a]. **objective** [FY06, JRM09, LYW08, YW08, Zad09, ZW06a]. **objects** [DL07b]. **Obrechhoff** [DWW06, NBSV08]. **observed** [FvZ06, SB09]. **observer** [YJY06]. **obstacle** [BCK07, Hem06, KS07e, PS07b]. **obstacles** [Mar07c, Oga06, OA06]. **obtain** [LB07]. **obtained** [AG09]. **obtaining** [BCP07, OOM⁺07]. **occasion** [VAW07].

ocean [BCK07]. **octree** [DL07b].
octree-encoded [DL07b]. **odd**
 [CS07a, HCK07, KV05, OZY05]. **odd-order**
 [OZY05]. **oddoids** [HCK07]. **ODE**
 [BM07b, HKS07, NBSV08, NMM07, OZL09,
 SW06b, Wil07]. **ODE-based** [OZL09].
ODE/DAE [SW06b]. **ODEs** [Arp07, DS06,
 ED06, Hos09, HZ05, Jay07, Sav09, Sha07].
off [NSK09, VRBF07]. **offset** [LCKK06].
Oharu [VAW07]. **oil** [FGRW09]. **Olav**
 [Ano05-38, Lor05]. **Old** [AT07, MMFMG07].
Oldroyd [HKA07]. **Olever** [SWZ09]. **One**
 [Lar08, Müh06b, Roi07, CL09b, Cof05,
 DW05, EZ07, EHR09, GK07, HK07a, Hu05b,
 JVVvdZ06, JW08b, KGA08, Kho09,
 LOA05a, MC08, MG08, Osa07, ST05, Sen07,
 TTZ06, Vil09, WO08, Wu08, XHK⁺08,
 YYF09, YG09b, ZCS06]. **one-** [TTZ06].
one-dimensional
 [Cof05, HK07a, JVVvdZ06, JW08b, KGA08,
 LOA05a, MG08, ST05, XHK⁺08, YYF09].
one-model [Kho09]. **one-point** [EHR09].
One-step
 [Lar08, Roi07, CL09b, MC08, Vil09].
one-way [EZ07, Sen07]. **only**
 [CDMR07, Fin08, Gao05, Hu05b]. **Onsager**
 [sR07]. **Open** [Ano05-39, Gug06, CJCD06,
 EE06, GEK09, MMFMG07, MM06, PV09a].
open-channel [MM06]. **operational**
 [AT09a, BM08a, BS08a, DMS05, Hos09].
Operator [Gei09, GGP09, WLMS08, BJ06,
 Cho05, DSC09, Dai11, Djo07, FL09a, Gei08,
 HHST05, Kam07, Koz08, LN09, LD06,
 MJ08b, MS07d, Sch06a, Sha09a, SBO09,
 Vin09, WHL08, WH09a, Xu05a].
operator-differential [Vin09].
Operator-splitting
 [Gei09, DSC09, Dai11, Gei08]. **Operators**
 [EL07, AGM06, AS05c, AHL⁺05, AU09,
 ABBM09, Arg07, Ass09a, BNT08, Bad08,
 BGG07, CY08c, CS07c, CC05, CN08, CW05,
 DF08, EFS05, EMMP07, FD09, GP07,
 GPS08, IS09, KI08, KN06, MJ08b, MYY06,
 PZ08, RS07b, Swa06, WL06a, Xu05b].
opposite [DCZ07]. **OPSFA09** [VGT09].
optics [Tor08]. **Optimal**
 [Ata07, COEV05, CHNZ08, CCS05, DFY09,
 FW09, HW08, HLJ09, KS05b, Liu09c,
 SAHS09, VCD⁺08, WCY09, YW08,
 ABD⁺05, AZGN06, AVMMV08, BBD06,
 Bor07, BSV08, BG07e, CJCD06, CM07,
 CY09, CL08, Chr09, CCK06, Gan08, GS06a,
 GHZ06, GL06, GF08, Hei05, HH07b,
 HVV09b, HYG08a, KV09b, LP07b, LFS08,
 LFW09, LHW08, Mar08, NT06, Pul09, Rie06,
 Saa06, SCM09, TLQ08, WTZ08, YZ09a].
Optimality
 [Ant09, YW09a, CG08a, Mar07b].
Optimally [Fer07]. **optimisation** [McC05].
Optimization [BC06, WWP09, Wan09b],
 ABÇ06, AVMMMS⁺06, And09b, AT09c,
 BRVWM07, BGRS05, BGRS06, BSMT09,
 BGP09, BG07e, BNDN09, BT09, CL06b,
 DEMR08, DS05b, DMZ08, DDL09, EL06,
 EIM⁺09, FGB07, GAC⁺08, GZX09, HL08,
 HCL08b, JTHZ05, bJyKyZmT09, bJxC09,
 KMB09a, KCLW08, KGB⁺07, LMR07,
 LTW07, LTY08, LZLH07, Liu05, LW08a,
 MZW06, OZL09, QZZ08, QZY09, iSsZ05,
 SaLJ08, SW08, SG08, Ste07, SP09b, Suz05,
 TF07, TH07, UFG09, VL06, WCH05, WZ07,
 WFW09, WYL09a, WOK05, XZ08, YW08,
 YSY09, YY07b, YP08, YLW09b, Zad09,
 ZW06a, ZW08, ZZ08a, ZXZ09, Zha09b,
 ZZ09b, Zhu05b, Zhu08c, ZTG09, ZA09].
Optimized [FNW06, AS05f, KM09c, LM08].
optimum [Tok07]. **option** [HLJ09, Hug06,
 LÅH08, NST08, PLMP08, VV09a, ZDC07].
options
 [BF08a, BS08b, CP09a, DDV08, FL08a,
 KVK08, LO08, LWH09b, Pir09, Sch06b,
 TGB08a, TGB08b, VDL⁺06, WKY⁺07].
orbit [SAFS07]. **orbital** [AS05f]. **orbits**
 [ABP06, ABB⁺07c, KW07, PRL09]. **Order**
 [AMCM05, LZG⁺09, AOSY05, AHS08,
 ABG06b, ABP06, ABB⁺07c, AS05e, AGH06,
 ALR05, ADDdM05, BNT08, BJ07a, BFT07,
 BM06, BRW09, Bor07, BM07b, COEV05,

CS06a, CS07a, CFMR09, CMST06, Cen08, CHCW05, CS07d, CP08a, Che08, CL09b, CCS05, Chu08, CH09, CMT09, CD07a, CDL05, CN08, DSC09, Dai11, DF09, DZ09b, DD08, DO06, Dor09, DLG05, Dub09, DG05, Dus05, ED06, EGO06, EGFOA09, EPS05, EBP09, EH06, FT08, FWY09, FWZ09, FH09a, FJT07, FPP07, FS08, Fin07, FOP05, Fra06, FH09c, Gal09, GGG09, Gei08, GO05, GPPRRB06, GPPRB07, GOT06, GS09, GZX09, GX09, GGA08, HCL08a, Has06, HYYF05, HAS08, HRGD08, HR05b, HM09b, Huy09, Ish07, JKM07, Jai06, JG09, Jia09a, JYX07, Jon06, KCK06, Kan08, Kar07, Kar09, KT07a, Kil07, KKLY06, Koç08a, Koç08b, Kom07a, Kom07b]. **order** [Kom08, KHWF09, KLW07a, KLW07b, Kou08, KL09, KBB05, LT07, LT05, LG07, Lei08a, LLZY06, LS07b, LW07, LTY08, LBS09, LS07c, LZ09c, LJL06, Liu08b, LB09, LLW09, LM09b, Liu09d, LB10, Log08, Lu05, LJ09, Luo06a, xMzY09, MP07, MD09a, MY06, MY08, Min05, MO07b, NWW08, NMKS09, NBSV08, NM06, NMMS05, NMM07, OZY05, PS09a, Ped05, Ped09, PM05, PRP08, PJ08, PS05, QFX06, Rad05, RVA07a, RVA07b, RB08, RVAD08, SS05, Sak05, Sak06, Sal09, ST05, SS09b, SWZ05, SZ08a, SZ09b, SA08a, SF08, SS09d, Sun08, SLZA09, SS06c, Sut07, Sza08, TRS07, TYZ⁺05, TGB08a, TGB08b, TG07, Toc05, Toc09, Tsi06, VVE08a, VMMM09, VMV07, Ver06, WKY⁺07, WG06, WTL05, Wan07c, Wan07b, WWC07, WG08, WML08, WYS09, WZ09a, WSZ09, Wei09, WS09b, Wri08, XW07b, Xu08, YLSX06, Yan06b, YS07]. **order** [YY07a, YLN09, YM07, YL09b, YSYX08, YW09b, YCJ09, ZCS06, ZCL06, ZWZ08, ZFG08, ZG09, ZLL09, ZW09b, ZLL08, Zhu08d]. **order-** [Kil07]. **ordered** [yPIH05, YG09a]. **Ordering** [MPZ09, ZGSF08]. **orders** [RP05]. **ordinary** [BW07b, CHCW05, HO06, Ish07, Lop07b, NMMS05, RS05c, TRS07, Vil09]. **oriented** [KMB09a, Kor06]. **originated** [GP08]. **Orr** [MCA09]. **Orthogonal** [BGVHN05, DP05a, DMGVP05, Ell06, Gau05c, MC05b, Pet08, RAG07, AÁN07, AB09a, ARN07, AGMMB05, AGRZ06, Ask05, BS08a, BDY09, BMS05, BS05, BBR05, BCGA05b, BCGA05a, BCV⁺05, BDGV05, CJB05, Car05b, CSSL09, CV05b, CBGV05, CBDGVN07a, CBDGVN07b, DSMY06, DOY08, DM05, DG05, DI06, FPP05a, FPP07, Gau05a, GLV05, Gri09, GS08, HHR06, Ism05c, IS09, JT09b, Khr05, KMJ06, Kra06, KT09, LYZ09, MP08a, MS07a, MJ08a, MOC09, MB05, MB07b, Pet07b, Pie08, RS05b, SRD05, VB05a, VB05b, Van08, Vol08, dMFPP07, dMFPP08, dMFPP09, vDvFZ09, vDvFZ13]. **Orthogonality** [DSZ05, MDSR04, MC05c, Sza05b, CLO09, CSSL09, CBDGVN07a, CBDGVN07b, DS07b, Kok05, CZ07, Ism05b]. **orthogonalization** [ARN07, VS08, YH09a]. **orthonormal** [Liu06]. **oscillated** [GDA07]. **oscillating** [Gau05a, PS05, ZZL08]. **Oscillation** [GX09, HM09b, JL06b, LLZY06, LM09b, OZY05, Sak05, Sak06, SZ08a, SZ09b, WTL05, WWC07, XW07b, Xu08, XX09, AK07, BV06, CHY05, Li05b, Liu09a, LB09, LB10, MY06, MY08, WWC05, Wan07b, WML08, XL07, ZW09b, Zhu08d]. **oscillator** [BSS09, JW08a]. **oscillators** [FSW09, Fra05, MDP08, OW06a, Van09, Xu07a, ZZZ09]. **Oscillatory** [HCK07, LZG⁺09, DS06, GLS07, HC09, HV06c, KC07, MC05b, WLMS08, Xia07a, Xia07b, XW08, YZ09c]. **osculatory** [HT06]. **Oseen** [TY05]. **Ostrowski** [KLW07b]. **other** [Art09, FH07, Ter05]. **outer** [AK09, PK07]. **outlines** [SRB06]. **output** [CX08, LC08b, SS09a, XXL08]. **overcomplete** [WC08]. **overestimation** [RKAH07]. **Overlapping** [Dao07, Bou07a]. **Oversampling** [GHMPV09]. **overview** [Sch06b].

P. [AGRZ06]. **P2Q2Iso2D** [BCH06].
package [GS07b]. **packet** [HV06c]. **packing** [Mar07b]. **Padé** [AETE07a, Boy09, DMGVP05, EZ07, GPTT05, GS08, KR08, KSVW07, MV05b, Mat07a, Sab08, TG09, YB05]. **Padé-type** [GS08, TG09]. **Padua** [CDV08]. **PageRank** [DGR07, LSW09, Wu08]. **Painlevé** [Cla05, Nou07]. **pair** [FSW09, GM07a, WHG07]. **pairing** [Cou09]. **pairs** [DM05, Dum07]. **Pál** [dB05c, dB05b, dB05a]. **Pál-type** [dB05c, dB05b, dB05a]. **palindromic** [CHLW08]. **pantograph** [FSL09, SAD07, SyS08]. **paper** [Dom07, Mil07]. **para** [BDGV05]. **para-orthogonal** [BDGV05]. **Parabolic** [Jon06, AZGN06, ABS07, BUG07, Bog05b, BJ06, CC09, CJCD06, CL06b, CYB09, Chr09, CP09b, DAE05, DBG07, DBR08, Gei08, GKMS09, GOT06, HZBM06, Han07, HH07b, KD05, KV07, Li05b, LDM09, zLCgS06, LD06, MW07, MS07c, OZY05, RKK09, Sch07b, SD09, SF06, YZF09, ZCL09, Zhu07]. **paraboloid** [PH09]. **Parallel** [Sch07b, SCY09, Suz05, BJ08, BGP07, CC06a, CC08, CCD09, GAC⁺08, GZLL09, HE06b, LY05a, MBCV09, MGS08, NS09a, PKS⁺09, VB05c, WW09, Zhu07]. **parallel-series** [WW09]. **Parameter** [DOY08, GSW07, MV08, MDT09, NGS05, Wil07, ABS07, BBF⁺05, BJK09, Cha07, Cha08, Daa09b, DA09, Dao08, GK09, GG09b, Han06, JKM09, LCKK06, LC08b, MJB09, Min05, MvdMV06, OS07c, Osa07, RS07b, SM09, WK07a, WS09b, Xu07a, ZAVS09]. **Parameter-based** [DOY08]. **parameter-controlled** [GK09]. **Parameter-dependent** [GSW07, Cha07]. **parameter-expanding** [Xu07a]. **parameter-robust** [ABS07]. **parameter-uniform** [OS07c, SM09]. **Parameterisation** [GMFB06]. **parameterization** [GL06, HAS09b, KY06]. **parameterizations** [SFV09]. **parameterized** [AD05, Cen08, Wan09b, XWZH08]. **parameters** [AR06, CB07, CHJZ09, EL06, ER07, GVC⁺08, GH06, HSN09, Hua07, HHZ07, KY07, Par08b, Rie06, Sen07, TR07, TR08, WL07]. **Parametric** [Din05a, PH09, CLP08, CMS08, FR06, KY06, LBS09, LCZ⁺08, PK07]. **parametrization** [JH08b]. **paraxial** [AT09d]. **Pareto** [BdWG06, UFG09]. **Pareto-type** [BdWG06]. **Parshin** [CCLS06]. **part** [AT09a, Har06, KAC05, Mon09, ZWY09, CH09]. **Partial** [Jac06, AETE07a, AMCM05, ABS07, CL09a, DAE05, EMMP07, FPP07, FFSS09, GGD08, Gei08, GX09, HO06, IO06, JKM09, KSS07a, LDM09, Luo08, Mat08, MA08b, MO08, RAG07, SDV06, SCY09, VS08, WWC07, WML08, YZ09c]. **partially** [CCM07]. **Participants** [Ano05-40, Ano05n]. **Particle** [AFT⁺06, AFT⁺07, LW08a, NSK07, WO08, WZS06, YW08]. **particles** [Göt05, JKM07, LmLgF09, MM06]. **partition** [NQDJ06]. **partitioned** [TD06, VDV08]. **partitioning** [WOK05]. **partitions** [BISS05b, PR05, ZW06b]. **partly** [LZ05]. **parts** [CJ07]. **Pascal** [LHR09]. **passage** [ST05, SS08]. **patchwork** [Bak05]. **Path** [Sta07, KK09b, Lin09b]. **Path-following** [Sta07]. **pathology** [Wod05]. **pathways** [ZBB⁺05]. **Pattern** [BGP09, yCyZ08, yCyZ09]. **patterned** [NP07]. **payments** [ADGH06]. **PC** [CX08]. **PCG** [KK08]. **PCR** [MMS⁺09]. **PDE** [BG07e, BKB06, JKK06, LCZ⁺08, Min05, PR08a, PW08, RW06, SRW09, Ste07, VK08, WWFV07]. **PDE-based** [JKK06, PW08]. **PDE-constrained** [BG07e]. **PDEs** [BF05, CC09, Har06, JKM09, Lui09, PRGPS09, SSV06, Sha05, SFFS08, SFPS09, VMMM09]. **PDIEs** [HR09b, RLH09]. **Peaceman** [PJ06b]. **peak** [WFW09]. **peakon** [TY07a]. **peaks** [GMFB06]. **Pearcey** [PK06].

Pearson [NK08]. **Pearson-type** [NK08].
peer [WSPJ09]. **Pell** [Kil07]. **Penalty**
 [NST08, BIR09, CG08a, Dus05, ER07,
 FLPA09, GSS07, GNP09, GBR09, LXSH09,
 LHW08, XSP09, ZLY09].
penalty-function-free [XSP09].
penalty-projection [FLPA09]. **pencil**
 [KV09a]. **pencils** [CG08b]. **pendulum**
 [CBH07]. **penetration** [DHS09]. **Penrose**
 [TA09]. **perceptions** [AS09a]. **perfect**
 [eMH05]. **perfectly** [ZKSS06].
performance [CCD09, Eds09, LWH09a,
 MV05a, Oou08, RDH07, Rom09, Val09].
performances [DL05, WY07, WYW08].
Period [AD09, LLS09, ZZ09b]. **Periodic**
 [CX07, FWZ09, IL05, LS06b, LS07c, LTM08,
 Liu08a, Liu09d, ML09, SWYZ09, SP06b,
 ST07, WSM⁺09, XW06, YS07, ABP06,
 ABB⁺07c, BK09b, COEV05, CJCD07,
 CCCH09, CXS06, CMRS06, Coj09, DWW06,
 DC09b, FWY09, HCS05, Har05, HWY09,
 LW05b, LH05a, LH05b, LC06a, LF07a,
 LW07, LD08, LH08b, LC09a, LC06b, Liu07,
 LH07a, Liu09a, LJ09, MN05, MLH08,
 NPTH09, Oga06, OA06, PRL09, PP05,
 RR06, SG05, Sha09b, SO05, TSC10, WW07,
 WS09b, WL07, YC05, YG09a, YLN09,
 ZCS06, ZG09, ZT07, ZL07, ZSZ09, Zho09b].
Periodic-like [CX07]. **Periodical** [XW05].
periodicity [LCH09]. **periodizing** [Sid08].
periods [ZCZ08]. **perishable** [Siv09].
Permanence [CS07b, CT05, LCH09,
 LOZ08, LL07a, SMT07, TCMS06, WJS⁺09].
Permutation [KS06]. **permutations**
 [VC06]. **Perron** [AAZ06, HYG08b].
Persistence [KBB05, TR06]. **perspective**
 [Cal07, dMFPP08]. **Perturbation**
 [WCW09, AHM08, AD05, BF08b, Cen08,
 CL06c, DC09b, ED06, FHM09, GS07a,
 Hoo08, Jia06, Li08, Li09a, LP06a, Tem07,
 VAN06b, Vul07, XDW05, Yan06b].
perturbations
 [Coj09, DW05, Du07a, WZ09b, XZL09].
Perturbed [LS07a, ABS07, Att05, FSW09, Fra05, GY08,
 GC06, HR09a, KGA08, KM09c, LC06a,
 Lin05, LS05, MM07, MSE08, MN07a, MS07c,
 OS07c, RO05, Sto05a, Sto08, TRS07, TR07,
 TR08, Van09, XWZH08, YZ09b, ZC08b].
Petrovsky [MDMRP09]. **phage** [BLR07].
Phase [Van07b, Ahm07, DK06a, ÉT08,
 ER09, HS07b, HCK07, LW07, Min05, SS05,
 TTZ06, TK07, WT07, WZH06]. **phase-field**
 [TTZ06]. **Phase-fitted** [Van07b]. **phase-lag**
 [LW07, SS05]. **phase-transforming**
 [DK06a]. **phases** [CKT09]. **phenomenon**
 [BMW08]. **phi** [MPP07]. **phi-divergence**
 [MPP07]. **Philos** [XL07]. **Philos-type**
 [XL07]. **photogravitational** [PRL09].
Photos [Ano07o]. **Physical**
 [HHZ07, Lai09a, PS07b]. **phytoplankton**
 [Thi05, THS05]. **phytoplankton-nutrient**
 [Thi05]. **PIC** [AT09d]. **Pick** [Ped05].
PIDEs [May08]. **Piecewise**
 [Han06, ABET08, And08, BS08a, BdAR08,
 ED06, EMP08, GRW08, HV05, KD06, LY09,
 Müh06b, Wan08b, YLN09, ZW06a, ZW08].
piecewise-linear [ZW06a, ZW08]. **pile**
 [MD08]. **pipe** [BeMBH06]. **pipes**
 [BG07c, BGG08]. **PIRK** [CX08].
PIRK-type [CX08]. **Piscounov**
 [MDMRP09]. **Pitaevskii** [Wan07a]. **Pitfalls**
 [DFFW06]. **Pitoli** [PS08]. **pivoting** [CP07].
pixel [BBM07]. **Planar**
 [GM07a, Rho05, AD09, DL09b, EM07, FH07,
 MW08, Oga06, SRB06, ZCS06]. **Planck**
 [Hsu05, WO08]. **Plane** [PD06, CG08a,
 DSMY06, LWYT06, Li06b, Lu09a, MH08].
planetary [LB07]. **plankton**
 [CLCL07, LC06b]. **planning** [LLS09]. **plant**
 [KOS07]. **plasma**
 [CC06b, Dem07a, LmLgF09]. **plastic**
 [AYK09, KBSK08, NT08]. **plasticity**
 [LLM08]. **plate** [Bou07b, CYM08, HeM05,
 Kas06, KS05b, PSV08, RK08a].
plate-membrane [KS05b]. **plates**
 [CC07, HGS08, XKF06]. **plotting**
 [SLMW06]. **plus** [VMV07]. **PML** [HK07a].

Poincaré [Gin05, SSMB07]. **Point** [FR06, PPR07, AHC05, Bac09, BS09b, CM05b, CMST06, CY08c, CY08b, CAHAY09, CHCW05, CS07e, CWW08, Cho08, Cim09, CN07, CG07, DS09a, DMGVP05, DLG05, EST07a, EHR09, Fan09, Fin07, FKM05, GPTT05, GSBB09, GJL08, HY09a, Han08, HJK09, He05, HL09a, HVV09b, Hon07, Hu05b, HWL09, Jan08, JG09, Jia09a, JC09, JR08, Kar07, KK09a, LP07b, LZ08a, LZ08b, LZ09b, LZ09c, LZW09, LLW09, Lu07, xMzY09, MW08, MW09c, MD09a, MN07a, Moh05, Ned08, NB06, PVC06, QCK09b, SVC09, Sal09, SS09b, SHC08, SJZ09, Sun08, SLZA09, WCL08, Wan09b, WB09, Wei09, Won09b, WKL06, YN08, Yas07, Zha09a, ZCL06, ZGSF08, ZC08a]. **Point-based** [FR06]. **points** [Bla05, Boy09, CDV08, EFP06, HE06b, Huy09, KKLY06, KMJ06, KSS07b, NM06, Nke05, Par07a, Pet07b, Thi09, TMG09, WC08, Xia07a, Yan06b, ZTY07]. **pointset** [TK07]. **Pointwise** [DJ05, DD06, Pul09]. **poised** [CJ07, Zud05]. **Poisson** [CCJ07, CMRS06, EZ06, Hsu05, KK09c, KW09, LLL06, LT07, LC08c, MGV07, Nke05, SS06c, Wac05]. **Poisson-type** [KW09]. **Pol** [JW08a]. **Pole** [SHK⁺08, AM09b, CMRS06]. **Poles** [Par07b, Bla05, BGVHN05, SHB05]. **policy** [CKT09, KL08a, WWP09]. **Pollaczek** [FLS08, ZZ06b]. **pollutants** [AMO07, AMO08]. **polluted** [AVMMS⁺06]. **pollution** [GM06]. **Pólya** [DC09a]. **polycrystalline** [MPXK06]. **polyethylene** [HKB⁺05]. **polygamma** [BHJ05, Cof05]. **polygonal** [BN08a, BFP09, GS06c, SDV07, Wat07, YG07, ZZ07, ZKSS06]. **polygons** [ACWL07, LLD09]. **polyharmonic** [Ros08]. **polyhedra** [ZW06a]. **polyhedral** [KK09c]. **polyhexes** [Rho05]. **polyiamonds** [Rho05]. **Polynomial** [CD07b, Gin05, WB09, BB07, Cao08, CDL05, EIM⁺09, FL09a, FPO05, GGT07, GGM06, GS07c, Gri09, GS06b, Han05, Han06, HCK07, Ism05c, Jar09, KLO08, Las09, PIP07, PPR07, Pet09b, Pet08, RAG07, SLMW06, STB09, Sza05a, Tay08, VV09b, WT08, XW09, YA07, YWH05a, YWH05b]. **polynomial-like** [KLO08]. **polynomial-time** [EIM⁺09]. **polynomials** [Abb07b, AÁN07, ÁN06, AB09a, AGMMB05, AGRZ06, Ask05, BS06, BMS05, BS05, BBR05, BCGA05b, BCGA05a, BG07d, BCV⁺05, BDGV05, BI08b, Car05b, Cla05, CEF08, CDL05, CSSL09, CV05b, CS09b, CBGV05, CBDGVN07a, CBDGVN07b, DJ05, DSZ05, DLROY05, DSMY06, DOY08, DM05, DMGVP05, DC09a, DR09, DA06, Dom09, DJ07b, DJ09, DG05, DI06, Ell06, EKL⁺07, FDC08, FPP05a, FPP07, FLS08, GM09a, Gau05a, Gau05c, GU08, GLV05, GDA07, GPS08, GS08, GNS06, HHR06, IS09, JT09b, Khr05, KK05, KA08, KMJ06, Koo07, KV05, Kra06, KM05, KT09, LW06a, Lin07, Lu09b, MP08a, MDT07, MMFMG07, MS07a, MDSR04, Mat06, MBA09, MOC09, MC05b, MC05c, MB05, MB07b, Müh06b, OS07a, Par09b, Pet05, Pet07b, Pet08, Pie08, PV05]. **polynomials** [sR07, RS05b, RK08b, SRD05, SL05, Sau07, Skr05, Sto08, Sza05b, Tor08, VZ08, Vol08, Win06, WA08, Wün05, ZZ06b, dMFPP07, dMFPP08, dMFPP09, vD05, vDvFZ09, vDvFZ13]. **polyominoes** [GZ05, Rho05]. **Population** [LJM09, DJ06, DJ07a, IV07, KOS07, KS09, LSTS06, LH05b, LkLkP09, Lin08, Meh05, MvdMV06, MK05, RW06, RHQ06, SFSK07, Siv09, SP06b, TCMS06, WZ06, WF09, Zha08]. **populations** [BLR07, MPZ09, Tac07]. **poroelastic** [BSKS07]. **porous** [BeMBH06, CMX09, CO05, Cui07, EKEHR08, GS07a, HAS08, Hoo08, MP06a, SY09]. **porous-saturated** [Hoo08]. **Portfolio** [CHS07, QLJ09, CT09b, Hua08, HO09, JRM09, Lan08a, LZWQ09, Mar08, VV09a, YJJ09]. **Portfolios** [Ver08]. **posed** [AR09b, BR07a, Cal07, LHW07, MRSZ06,

MRSZ07, RS08b, WHL08, WH09a].
posedness [HL08]. **posets** [DK05].
position [YKS09]. **Positive**
 [BDGV05, DK06b, FJG08, HY09a, LH05b,
 LZZ09, LC06b, MLH08, SS09b, SLZA09,
 WW07, WS09b, XXL08, Zha09a, BW06,
 CXS06, CGP07, DL09c, GT09, GJL08,
 HJK09, He05, Hon07, HC08, Hon08, HS08c,
 Iva06, JG09, Jia09a, Ko07, Kar09, KMB09b,
 LW05b, LH05a, LF07a, LS07b, LD08, LZ08a,
 LZ08b, LZ09b, LZ09c, LZW09, LHL11,
 MD09a, M6i07, NM06, yPESIZ07, RT08,
 RT09, RH06, SHC08, SZ08a, SZ09b, Sun08,
 SL08, TV07, Thi05, Wei09, Yan06d, Yas07,
 ZFG08, ZC08a]. **Positivity** [HS08c, KS05a].
Positivity-preserving [HS08c]. **positone**
 [Zha09a]. **possibilistic**
 [CT09a, JRM09, SP09a]. **posteriori**
 [BG07a, CS07c, CL08, CN08, ED06,
 EPP⁺09, FH09b, KS07d, Kor06, KHK08,
 LY07b, PIP07, YZ09a]. **Postprocessing**
 [ALR05]. **potential** [BE07, Cha08, CCCH09,
 FG09, GS07c, KKS⁺07, XHW07, YZ09d].
potentially [BLR07]. **potentials**
 [AKLT09, BBB07, Ehr06, LC08c, TX07].
Poussin [MT05]. **Powell**
 [BFGP08, MB06, SDV06, SDV07, VB05c].
power
 [BIR09, GW08, HHST05, TLQ08, VT06].
power-law [BIR09, GW08]. **powers** [Ber07].
practical [LZ09d, ZS05]. **pre** [AA08, Ant08].
pre-processing [AA08]. **precise** [SAFS07].
precision [Par09c]. **Preconditioned**
 [Cal07, WS09a, WL09a, YH09a, Yun08b,
 ZSWL09, Deu07, Li05c, Li05d, tLxLIW07,
 LC09b, NKM08, WHF07, WtL09].
preconditioner [Deu09, GH08, HWL09,
 KN09, KT07b, MN07b, RH06, STB09].
Preconditioners [DBR08, BW06, BDY09,
 HL07a, LRT06, Smo06, SCY09, Wan09b].
Preconditioning [CMX09, EM08b, BGP07,
 CNN07, MK09, VS08, VVE08b]. **predation**
 [YTM07]. **predator** [CS07b, Che05, CT05,
 DK06b, DC09b, FL06a, JL07a, Kar06,
 LCH09, LTC06, LZZD09, NPTh09, TR06,
 TSC10, WLF09, XW06, XGM09, YC06].
prediction
 [Fu08, Han08, MGMT06, SS08]. **Predictor**
 [Din05b, Den07b, PS05, VW06].
Predictor-corrector [Din05b]. **Preface**
 [AHS07, ANR07, BRS09, BDF⁺09, BCS⁺06,
 BCP05, BLL07, CDZ06, CDG07, DM07a,
 DVD⁺08, GHK⁺09, GSL07, GVV06, Goo08,
 KMS09, LQW08, LRW05, MP06b, PRV09,
 RS07a, SP05, SP06a, Sol08, TMMS07, VA06,
 WL06b, zCEF07]. **prefilters** [CLS08].
preinvex [LW08d]. **preliminary** [MPP09].
prescribed [BDGV09, yPIH05]. **presence**
 [DDL07, IV07, SdJMH09]. **present**
 [ADGH06, Spr06]. **preservation**
 [CFMR08, Moh08]. **preserved**
 [DV06a, DV06b]. **preserving**
 [ADD⁺08, CHW09, CFL05, CHLW08, Cim09,
 EZ06, FL09a, FO05, FOT07, GG09b, HS08c,
 IT07, KL08b, LM07a, PJ06a, PS08, SLZ06].
pressure
 [Deu09, dCDND06, LL06, Mot06, TY05].
pressurised [BG07c, BGG08]. **prey**
 [CS07b, Che05, CXS06, DK06b, DC09b,
 FL06a, JL07a, Kar06, LCH09, LTC06,
 LZZD09, NPTh09, TR06, TSC10, WLF09,
 XW06, XGM09, YC06]. **prey-chain**
 [DC09b]. **prey-competition** [CXS06].
prey-predator [Kar06, LZZD09]. **PrFeB**
 [WZH06]. **price** [VDL⁺06]. **Prices**
 [GM06, BSMT09]. **Pricing** [BBM09, BF08a,
 LWH09b, BS08b, CP09a, KVK08, LÁH08,
 LO08, May08, PLMP08, TGB08a, TGB08b,
 WKY⁺07, WWFV07, ZDC07]. **primal**
 [WFL07]. **primal-dual** [WFL07]. **principal**
 [AV06, BP06, yPIH05]. **principle**
 [Den07b, HKV09, SV07b, Sur05, ZL09a].
Principles [Pet07a, KK06, KS06, PT09b].
priori
 [BG07a, BFP09, FH09b, KV09b, YZ09a].
prism [YLC09]. **prismatic** [HKV09].
privacy [KLS⁺07]. **Probabilistic**
 [DS05c, AS05c]. **probabilities**

[DD07, LP09, MPP09]. **probability** [Bin07, DIKZ07, GA09, KKLM06, PW08, ZLA07].

Problem [Ber05, Chi05, Ism05a, Ism05b, Xu05b, dB05c, AYK09, AT07, AOSY05, AH07, AR06, AS05d, AD05, ABP08, Bog05a, Bog05b, BH07b, BJ06, Bou07a, BNPR08, BFP09, BFM09, BGVHN08, CD05, CCM07, CFV06, CY09, Cen08, CS06b, CCJ07, CYZ09, CJ09a, CHCW05, CL06b, CCH06, CS07d, CP08a, CLA09, CU09b, Cop05, Cui07, CG07, Cui08, Dan06, DS08, DGR07, DLG05, DL09b, DMZ08, Ehr06, EEGG08, EM09, EMP08, FI07, FY06, FJG08, GKM07, GA09, GEK09, GHZ06, Gon06, GSBB09, GBR09, Ham09, HKV09, HLX06, HTS09, HAS09b, HH07a, HCL08b, HV06b, Her09, Hoc08, HLY09, Jia06, JZW08, KGA08, Kar07, Kar09, KCK09, KK09c, Koh08, Koy07, Koy09, Kru05, KM05, KKD06, LP07a, LLS09, LL08, LRV⁺09, LS07b, xLLhZ08, LZWQ09, LS07c, Lia05, LDM09, LM09a, Lin09b, LF07b, LS05, LHW08].

problem [Mai08b, Mar07a, MP08b, MD09a, NT08, NMMS05, NMM07, OS07b, OW06b, PRL09, PP09, Pie08, Pul09, QFX06, QWS09, RW09, Sal09, SDP09, SZD09, SFSK07, Shi07, SO05, SS09e, Sun08, SS07, Tem07, TR07, TR08, TY05, Tur06, VRBF07, WYL08, WCY09, WB09, WMN05, WN08, Wu08, XZZ09, YM08, YZ09a, Yan06b, YJGL07, YXJG08, YW09a, YD09a, YKS09, ZJW08, ZLL09, Zho09a, ZA09, Zud09].

problems [eMH06b, AUY06, ABG06a, AV06, ADF07, AHC05, AZGN06, AABL08, ABC06, AS07, Alh06, AM09b, AR09b, AS05f, AGH06, ALR05, Ano05-39, AK09, Ant09, ABR07, Att05, AB09b, BN08a, BR07a, BMfX07, BBF07, BLW06, BGRS06, BTI08, BBD06, BR07b, Bi08a, BV06, BBB07, BGP09, BIR09, Bor07, BSV08, BMM06, BM07b, BG07f, BK08, BSS08, BK06, CG08a, Cal07, CJCD06, CM07, CFHM06, CKWZ07, Car06, CMST06, CY08b, CAHAY09, Cha07, Cha08, CC05, CW08b, CL08, CWW08, CGP09, Che09, CNN07, Cho08, Chr05, Chr09, CCK06, CHLW08, CW08d, DW06, DKHNZ08, Dol08, Don09, DJ07a, DT06b, DBG07, DBR08, EE06, EM08b, EGFOA09, EPP⁺09, FG09, FH09b, Fin07, FR07, FNW06, FOP05, FKL05, FPP05b, FPP08a, FPP08b, GAC⁺08, GGG09, Gan08, GPP07, GMM09, Gei09, GKMS09].

problems [GGM06, GDA07, GPRB05, GPPRRB06, GPPRB07, GOT06, GL06, GC06, GZX09, GNP09, GJL08, HY09a, Han08, HV06a, HYYF05, He05, HK08, Hei05, HH07b, HCDP08, HK07b, HO06, HVV09b, Hon07, How09b, HHC09, HyLC06, HWL09, JLNP06, Jan08, Jar09, JVVvdZ06, JG09, bJQIZ07, JD05, JC09, JR08, KS07a, Kan08, KS07b, KK06, KOS07, KAP07, Koh07, KGW09, KA06, KV09b, KM09c, KLV09, KHK08, LN07a, Lan06, LMR07, LG07, LS06b, Li06b, Li07b, LHW07, LFHW09, LZ08a, LZ08b, LZ09b, LZ09c, LZW09, LKSC06, LJL06, LCA07, LT06b, LXX08, fLxXT08, LY07b, Liu08b, LLW09, Liu09d, Log08, Lu07, LP06a, MW09a, xMzY09, MDT07, MMM08, MV08, MSZ07, MMFMG07, MCR08, MK09, Moh05, Mon07, MRSZ06, MRSZ07, MA09, NHN07, NH08, NST08, NM06, NB06, OYA07, Oga06, OA06, OZL09, PS07a].

problems [PS09a, PK09a, PKS⁺09, Ped09, PN06, Pre08a, QCK09b, RTGB09, RS05a, RS08a, Rea07, RS08b, RDH07, Roi07, RM07, RKK07, RKK09, Sch08, Sch07a, SHK⁺08, Sch07b, SCM09, SA08a, SÁ08b, Sta07, Sto05a, SLZA09, TGJ19, TG07, TR09, TFC07, TY07b, TS05, VR08, VV05b, VAN06b, Vul07, WMG08, Wan07c, WWC07, WG08, WZ08, WGZ08, WYS09, WSZ09, WL09a, Won08, WLK06, WKL06, WTZ08, WWZY09, XZS07, XWZH08, YOA06, YYF09, YS07, YY07a, Yao09, YL09b, Yas07, YH09a, Yu06, YD08, YCJ09, ZAVS09, Zar09, Zha09a, Zha05, ZCL06, ZZZ08, ZW09a, Zha09b, ZC08a, ZLL08, Zho06,

ZW09d, ZCL09, ZSWL09, ZC08b, ZKSS06]. **procedure** [UHNC09]. **procedures** [GRL09]. **Proceedings** [VGT09]. **Procesi** [ZCH07]. **process** [AHM09, AGM09, AMV06, ACQ09, BRVWM07, BS06, FvZ06, KRAH07, Kom08, LWS09, LBS09, MGV07, PPG07, RH06, SACJ09, Tem09, ZLLW08]. **processes** [AR09a, AI06, ACV05, Chr05, DGS06, EMP08, EHR09, GH06, Gia06, GLV05, GM09b, Gri09, HR09b, Kag09, KS06, LL08, LXSH09, Mar08, MSTT08, RKAH07, RLH09, YW09a]. **processing** [AA08, HT06]. **produce** [MS05b]. **produced** [CU09a]. **Product** [KMB09b, And09b, DP08a, Gar07a, GN09, Hoc08, KJ09, Lu09a, NK08, RS05b, Rza09, TG09, XDW05]. **Product-type** [KMB09b]. **production** [HKB⁺05, LLS09, ZMAZ09]. **products** [FFK05, LWH09a, Ped05]. **Professor** [VAW07]. **profiles** [SBK07]. **programming** [AHS08, AH07, Ant08, Ant09, CW08c, CL09b, Fan09, Hua07, Jay08, JK09, LWYT06, LXUK06, LW08c, MW09a, MSA09, MPR07, PR08b, SaLJ08, SCM09, TJ08, TLQ08, VRSS08, Ver08, XZZ09, XSP09, Yu06, YXF07, ZMAZ09, ZW09d, Zhu05c, Zhu08b, Zhu08c, ZF09]. **programs** [CS09a]. **progress** [DW06b, Ela09a]. **progressive** [KG09]. **progressively** [LWH09a]. **project** [AG09]. **Projected** [BY09, Pul09, WLY05]. **projection** [Bno07a, CLN09, DD07, FLPA09, He06a, Vin09, ZZ06a]. **projection-difference** [Vin09]. **projections** [GU08, WS08]. **projective** [LG07, Par08b, Zhu05b]. **projectors** [ARN07, LMS08b]. **prolate** [KM09a]. **proof** [CS09b, CBH07, Wat09, ZWF09]. **proofreading** [CG05]. **proofs** [Sch07a]. **propagation** [DK06a, DDLM07, Li07a, Pre09, WDC⁺08]. **proper** [LYZ09]. **Properties** [HHC09, HL09c, Mat07a, BH09, BCGA05b, BDS08, BJSS06, CFL05, Cim08, Cof09b, DSZ05, GG09a, HWL09, KYF05a, KYF05b, KS05a, LS06a, Las09, Lei08a, LF08, Mon09, MS06b, NS09b, Pie09, PS07b, Sav08, Sch05, WLY05, WTL05, WWWF09, XFgS06, YTM07, Zho08]. **property** [FL09a, Gu07]. **proportional** [Men09]. **proportionality** [CGPM08]. **proposed** [WYL08]. **protocols** [ABD⁺05]. **prove** [OS07c]. **Proving** [FHL07]. **proximal** [CY08a, CY08c, Han08, KBA09, NB06, YN08]. **proximal-point** [NB06]. **proximal-point-based** [Han08]. **proxy** [XC06]. **Prüfer** [BBB07]. **pruning** [HJR07]. **Pseudo** [Ass09a, ACQ09, CLM06, CAHAY09, CP09b, KCS06]. **pseudo-contraction** [CAHAY09]. **pseudo-contractive** [ACQ09]. **Pseudo-differential** [Ass09a]. **pseudo-parabolic** [CP09b]. **pseudo-spherical** [KCS06]. **pseudo-symplecticity** [CLM06]. **pseudocontractive** [BS09c]. **pseudohyperbolic** [GRL09]. **pseudomonotone** [CY08a, LH09]. **pseudorandom** [Kan05]. **Pseudospectra** [GW06a, DW06a, Gra06, WMG08]. **pseudospectral** [BD06, GH08, GW06b, Koz09, OS06a, TL09]. **pulse** [BM08a, WJS⁺09]. **pulsed** [KD05]. **pump** [HS07b]. **purification** [AVMMS⁺06]. **pyramid** [ABT06]. **Pythagorean** [KL08b]. **Pythagorean-hodograph** [KL08b].

qd [AM09b]. **qd-algorithm** [AM09b]. **QP** [bJyKyZmT09, ZLZ09a]. **QP-free** [ZLZ09a]. **quad** [NQDJ06]. **quad-tree** [NQDJ06]. **quadrangular** [YLC09]. **quadratic** [Abb07b, ABG06b, CW08c, DL05, DL08a, DZLL06, FL09a, Han05, Hei05, Kuz08, Lan08b, Lan08a, Lin09a, hLyHZ08, Par05c, TJ08, XZZ09, YLC09, Zhu05c, Zhu08b, Zhu08c, dS07a]. **quadratically** [TJ08]. **Quadrature** [BP09, BDGV09, ELA09b, HS07a, MS06a, SH09, BC08, BDGV05, CE09, CV05b,

CBDGVN07a, CBDGVN07b, EJ08, Gon09b, HS05, HV05, Huy09, JR07, KAC05, Kim05, pLT07, MJ08b, MCA09, MC05a, MC05b, NSL07, OMV09, Oou08, SL05, Sha08, WeR07, Xia05, Xia07a, Xie08, Yan05, Yüc06]. **quadratures** [ADDdM05, KK06, MS05a, MS07b, MSP08, MSP09]. **quadrilateral** [CJ06, EM08a, LW06b, LLD09, Zha07]. **quadrilaterals** [GHT06]. **Qualitative** [CHL09, WPC08, Cak07, FDFL07, Zho09b]. **quality** [DW06b, TMOG07]. **qualocation** [MNP08]. **quantification** [SV07a]. **quantiles** [MR09]. **Quantitative** [BG07e, NS09b]. **quantities** [GM06, Kor06]. **quantized** [NBSV08]. **Quantum** [AB09a, BSV08, ET06, PV09b, Tor08]. **quartic** [Chr05, CJ06, CHNZ08, Han06, HW07, JH09, WL06a]. **quartically** [Osa07]. **Quasi** [LMS08b, Sza08, BRIP09, BISS05a, BISS05b, BK08, CHW09, DL05, DL08a, DFZ07, Din05a, Din05b, DF08, FD09, FL09a, HLF09, Kaz06, Kul09, LCA07, MW09b, SVC09, SZ08b, WL06a, YOY07, Yan06d]. **quasi-Cauchy** [HLF09]. **quasi-consistent** [Kul09]. **quasi-equilibrium** [LCA07]. **quasi-interpolants** [BRIP09, BISS05a, BISS05b, DL08a]. **quasi-interpolating** [DL05]. **Quasi-interpolation** [LMS08b, BRIP09, CHW09, FL09a, MW09b, WL06a]. **quasi-linear** [Yan06d]. **quasi-metric** [SVC09]. **quasi-Newton** [BK08, DFZ07, YOY07]. **Quasi-solutions** [Sza08]. **quasi-static** [SZ08b]. **quasi-variational** [Din05a, DF08]. **quasi-variational-like** [Din05b, FD09, Kaz06]. **quasicommutators** [BGGC07]. **quasiconvex** [CS06b]. **quasilinear** [Dol08, Luo06a, Tat06, Vul07, Yao09]. **quasilinearization** [EGO06]. **quasistatic** [CFV06, CHSW08]. **quasivariational** [ZZ08b]. **quaternion** [JZW08]. **quenching** [Fer09, Rob07]. **queue** [AA09b, KL08a, TYH08, WWP09, WK07b]. **queueing** [ÉT08]. **queues** [GEK09]. **Quicksort** [SVC09]. **quincunx** [ABT06]. **quintic** [BM07a, CJ06, CMS08, DSI06].

R [LHW07, LM08]. **Rachford** [PJ06b]. **radar** [RCR05]. **Radau** [JB09, MSP08, PRGPS09]. **radial** [BE07, CP09c, DRT09, DS09b, DT06b, FT05, HC08, JAE09, LÁH08, PLMP08, RB05, SS05, Sch08, YXYJ06]. **radially** [AV06, MN07a]. **radiation** [AE07, Sea07, ZGV06]. **radiative** [Eds09, Lan05]. **radicals** [JK07]. **radius** [HR05c]. **Radon** [GU08, vdBHPS07]. **Raman** [CC06b]. **Ramanujan** [Mil07, RVK05, RV05, VK06]. **Random** [HSN09, ARG08, ADGH06, AAR09, CHBMBR07, CK08, Dai09, DIKZ07, Hui05, JN09, Kan05, KLV09, Lin09a, SB09, ST05, Tan06, Tar09, TL07, WW09, Wik08]. **randomness** [Hat09]. **range** [ABB⁺07d, LvGJ06, LP06b, PS07b, Wil07]. **Rank** [DV06a, TS06b, CS09a, DKHNZ08, DV08a, DV08b, GXgL05, GK07, HSL08, LLZ08, TM09, Wu08]. **rank-deficient** [DKHNZ08]. **rank-one** [Wu08]. **rank-revealing** [LLZ08]. **Ranking** [WLL09, WL09b]. **RANS** [GWW08]. **Rao** [DSMY06, Men09, Mil07]. **Rapid** [RB05, May08]. **rapidly** [ZZL08]. **Rashba** [MU08]. **Rassias** [Par05c]. **rate** [BS07, HO06, HLJ09, KI08, Lut07, SMT07]. **rates** [Chr05, DP05b, DC09c, HK07b, LCYZ08, TGJ19, YH07]. **ratio** [AS05a, FL06a, LCH09, XGM09]. **ratio-dependent** [FL06a, LCH09, XGM09]. **Rational** [JAE09, Mag09, PT09a, SWZ09, Bla05, BGVHN05, BGVHN08, CR09, Cla05, DZLL06, DZZT07, FO05, FKL05, GM09a, Gon09b, GM07a, GMFB06, HT06, HW07, HS08c, Joh05, LP06b, MDSR04, MC05c, PR07, SFV09, SH06, VB05a, VB05b, WT08,

Waz07b, XW09, ZM09a, ZT06b, ZZ06c].
rationality [AS09a]. **Rationalized** [RA07].
rationaling [BK09a]. **ratios** [SDP09, Soh05].
Raviart [BR07b, CY09, Jen07]. **ray**
[Dom09]. **Rayleigh** [HWY09, LH08b, ZT07].
Rayleigh-type [LH08b]. **Razumikhin**
[FL09d]. **Razumikhin-type** [FL09d].
RCMS [DS06]. **re** [DESC07, NMKS09].
re-blurring [DESC07]. **re-scaling**
[NMKS09]. **reaction**
[Alh06, ARVP09, AKL05, ABR07, ABV08,
BH07b, CVB07, DS08, Du07b, GDM08,
GC06, GL07, HKV09, HRGD08,
KMWVY09, Kot08a, KHK08, LL05, LL08,
LZY09, MJX09, MSZ07, RKK07, SSV06,
SM09, VJ09, WZ09a, WF09, ZC08b].
reactor [HKB⁺05, NGS05]. **read** [ACV05].
read/write [ACV05]. **real**
[ADO07, BGVHN05, CDM07a, CDL05,
CDMR07, CDM07b, GPTT05, Kam07,
LL07b, Pet08, SHC08, Tab07, XXL08].
Reality [XHW07, Lig09]. **realization**
[HV06a, ZKSS06]. **reciprocal** [CMRS06].
reconfigurable [KDH08]. **reconstruction**
[ABB⁺07d, GHMPV09, HHZ07, KY07,
KS07e, PLGS09, YM08]. **reconstructions**
[PS07b]. **Recovering** [FI07]. **Recovery**
[LY07b, FZ09, YZ09d]. **rectangular**
[BFGM06, DL08a, KS05b]. **Recurrence**
[KV05, PG07, HM08, KT09, MP08a, Maz08,
ZYD07]. **recurrences**
[BM06, FFK05, KT07a]. **recurrent**
[LH07a, LGYH09, Sha09b]. **recursion**
[ADÓ07]. **recursions**
[GW09, GST06, Zud05]. **Recursive**
[LMS08a, Asa05, BSST08, Han09, Lar08,
MVV08, MST05, Tan06, VW06, Wik08,
ZSZ05]. **reduce** [CS09a]. **Reduced**
[LT05, CU09b, LYZ09, MN07b, Pir09].
Reduced-order-based [LT05]. **Reduction**
[BMW08, RKAH07, AG06, AMCM05,
CK09a, GP07, HNS09, HW08, KS07a, KA08,
LBS09, LW08b, Lu09b, Tsi06, Wil07].
redundancy [GBR09, WW09]. **reference**
[HGS06, ZSGF09]. **Refinable**
[CJ06, GPS08, HKZ09, Sau08]. **refined**
[GW06b, LN07b]. **refinement**
[AG06, AKK06, BKB06, DVCH06, HAS09b,
HK08, Ker09]. **reflection** [GS06a].
Reflectionless [Sim07b]. **reflexive**
[yPyHZ07, Sal09, Zho06]. **reformulation**
[CP08a]. **refraction** [GS06a]. **refuge**
[Kar06]. **regime** [FPS08, LJM09]. **region**
[CU09b, MLY07, OZL09, QZZ08, QZY09,
SS09c, SG08, SX09, SP09b, TSB09, YLW09a,
Zho09a, Zhu05a]. **regional** [BB09a]. **regions**
[And08, BDHW07, CB07, Lin07, Wat07,
WN08]. **registrations** [TM08]. **regression**
[Hu05a, MPP09, ZLLW08]. **Regular**
[Bin07, AM09b, BS07, BSS08, CM07,
CDL05, Gao05, May07, PS07a, PR05].
Regularity
[Cim08, LN09, BGJ07, GS06c, PV09a].
regularization
[BJ07b, CDM07a, CP08b, DD06, DFY09,
GG09b, LR09, QWS09, RH09, TQA06].
Regularized [Est07b, Yam08]. **regularly**
[Gal06]. **regulator** [BC09a].
regulator-insurer [BC09a]. **regulatory**
[HBS⁺07, TBBC07]. **Reinsurance** [LT06a].
Reissner [Sur05, XKF06]. **related**
[Art09, Chr05, Cof05, Cof09a, DSZ05,
EMP08, FKL05, Gau05a, GLV05, JT09b,
LTW07, MP08a, MC05b, Ped05, ZZ08b].
relation [AGMMB05, Ext99, HLF09, Koo07,
MS07a, Mil06]. **relations**
[AM09a, ADÓ07, CHS06, FLS08, KV05,
Maz08, NSK09, PG07, RI06, ZYD07].
relationships [LW08d]. **relative** [WC07].
relativistic [AT09d, Rui05, Sie07a].
Relaxation [DP08b, vdESvG05, Dao07,
MV08, Mur07, TV09b, WH09b]. **relaxed**
[Ban05, CAY09, CHJZ09, bJyKyZmT09,
Kho09, LWYT06]. **reliability**
[GBR09, KK09b]. **reliable** [KL08a]. **Rellich**
[BT06]. **reload** [BF08a]. **Relocation**
[DBE07]. **remainder** [MSP08, XC09].
remark [GRL09, Pet09a, RKK07].

Remarks

[KS07d, MC05c, RLX08, Dom07, OS09].
removal [DMM07]. **removals** [Yi09].
renewal [AI06, DWY09, LWS09, MGV07].
repair [CKT09, WCY09]. **repeated**
 [GM06]. **repertoires** [Meh05]. **report**
 [Ela09a]. **Representation**
 [BXC09, WLL06, AGRZ05, DM07b, HW07,
 sR07, SCG08, Sza05a, TD06, YL09a].
Representations [vDvFZ09, vDvFZ13,
 ARN07, Cof08, CJ09b, KT07a].
representing [Lut07]. **reproducing**
 [CHW09, CG07, XZS07, XHK⁺08, Zho08].
reproduction [FL09a]. **Research**
 [WWP⁺08]. **researches** [LWC⁺06, Wan08b].
residual [DD08, RVAD08, SSZ09].
resilience [YJY06]. **Resolution**
 [PP08, BCP07, LYT07]. **Resolving**
 [ZT06a, AG09, Vul07]. **resonance**
 [DLG05, SV07a]. **resource** [LL07a, YW08].
respect
 [Gau05a, Gei09, MM09, RS05b, Ter05].
respiratory [LH05a]. **response**
 [FS07, ICW⁺09, LCH09, LTC06, RMKA05,
 ZAVS09]. **responses** [Wod05]. **restart**
 [BJK09]. **restoration**
 [BJ07b, GG09b, LNL09, SRW09]. **restricted**
 [LP06b, Nov08]. **restricted-denominator**
 [Nov08]. **restriction** [WLL09]. **restrictions**
 [Gon06]. **Restrictive** [BW06]. **result**
 [Cim09, VB05b]. **resulting** [WZ06]. **results**
 [AT07, AGRZ06, AT09c, BJS08, BI08b,
 Cam08, CHCW05, CCH06, CJ09b,
 CdAHBR06, HLX06, He07, JH08a, Lei08b,
 Li05c, LH08b, LmLgF09, LH07a, Rob07,
 VB05c, WHF07]. **retarded** [ZT07].
RETRACTED [Wan09a, WYO09]. **retrial**
 [AA09b, CK09b, Siv09, WK07b]. **retrieval**
 [ZLdST09]. **returns**
 [CT09b, LZWQ09, SdJMH09, Ver08].
revealing [LLZ08]. **reverse**
 [SCM09, WYS09]. **revisited** [GH09].
Reynolds [ACV05, CMM09]. **RFLP**
 [MMS⁺09]. **RFLP/PCR** [MMS⁺09].

rheology [NT08]. **Riccati** [Abb07b,
 DSW08, Guo06, Lut07, Mag09, RO05].
Richardson [CLN09, FHZ09].
Richardson-extrapolated [FHZ09]. **Ridge**
 [Hu05a, Ism07]. **ridges** [MOZ07]. **Riemann**
 [Abb07a, BFM09, Dun06, KM05, Pie08,
 WMN05, WN08]. **Riemannian** [JLR06].
Riesz [KSS07b, MB06, TV09a, TX07]. **right**
 [CHSW08, GQ09a, LWH09a, Won08, YLC09,
 DS06]. **right-hand** [CHSW08, GQ09a].
rigid [CFS09, XZS07]. **rigorous** [JT09a].
Risk [AS09a, GD09, KG09, CHS07, Den09,
 DWY09, FW09, GW09, LXSH09, VCD⁺08,
 YZ09b, ZLY09]. **risks** [HG09]. **Rival**
 [ABB07e]. **RK** [CLM06, Pre09]. **RKGL**
 [Pre08a]. **RKHSM** [GC09]. **RLW**
 [DSI06, uHA09]. **road** [BNP07, NL05].
Robin [CHY05, FZ09, YYF09]. **Robust**
 [CT09b, HWSL05, Kan08, TR08, AT09b,
 ABS07, DW06b, FSW09, GSW07, HGS06,
 MZC08, PT08b, Sin08, TND⁺09, WG09,
 YY07c, ZAVS09, dS07a]. **rock**
 [LP07c, MSTT08]. **RODAS** [Sav09].
Rodrigues [AGRZ05]. **role**
 [CMST06, CSG05, MP07]. **roofs**
 [dCDND06]. **root** [Boy09, Dub09, HYG08b,
 Lan08b, Lan08a, LL07b, PRP08, RP09].
root-solvers [RP09]. **Rooted** [Koi05].
roots [Eig07, HR05a, Hom09, RV05, RK08b,
 VLR08, ZZ07, dB05b]. **Rössler** [NaLH07].
rotating [Wan07a]. **rotational** [TY07b].
rough [CWMT07]. **round** [VRBF07].
round-off [VRBF07]. **routing** [EM09]. **ruin**
 [LP09]. **Rule** [Eig07, CE09, EFP06, HS07a,
 KAC05, MC05a, SH09, Tar09, ZWY09].
rules [Gar07a, Huy09, JR07, Kim05, KC07,
 KV09a, MJ08b, MC05b, MS06a, OMV09,
 Rza09, Sin09, Zin05]. **Rump** [OTOR07].
Runge
 [Van07a, AM09a, AMCM05, AMCM06,
 AS05f, BJ07a, BJ08, BH07a, BH09, CGPM08,
 CFMR08, CFMR09, Cam08, HVV09a,
 Han07, HL07c, Jay07, KR07, Koi05, Kom07a,
 Kom07b, Kom08, Kot08a, Kot08b, LZ06,

NSC07, RVA07a, RB08, SKAW09, Sun09, Toc05, TS05, VMMM09, Van05, Van06a, Ver06, WLS08, WHL08, Wan08a, YLN09]. **Runs** [AI06].

S [Yun08b]. **Sabin**

[BFGP08, MB06, SDV06, SDV07].

Sabin-type [BFGP08]. **saddle**

[Bac09, HWL09, JC09, JR08, Par07a, SHC08, Wan09b]. **safe** [LMR07]. **safety**

[NL05]. **Saint** [LP07a]. **Saint-Venant**

[LP07a]. **Salpeter** [Sie07a]. **same** [Oou08].

sample [PR08b]. **samples**

[CDM07b, LWH09a]. **Sampling**

[FG08, ABI07, BCP07, Hui07]. **Saran**

[Tur09]. **satisfying** [BC09b, DG05, FL09a].

Satsuma [CX06]. **saturated**

[EKEHR08, Hoo08, Zad09]. **scalable**

[DHS09]. **scalar** [EMP08, Kom08, TS06a].

Scale [SdJMH09, yCyZ08, yCyZ09, CXH09,

GKMS09, HLX06, Joh05, MvdMV06,

PKS⁺09, SCY09, VL06, WZ07, XZ08,

ZT06a, ZJ12, ZFS09]. **Scaled**

[Lin07, Gon09b, PT09a]. **scales** [AGH06,

DaC05, EPS05, EBP09, HY09a, HJK09,

He05, Hon07, Jac06, LZ09b, MS08a, RS05e,

Sak05, Sak06, SL08, XX09, Yas07, YW09b].

scaling [AT09c, KCK09, NMKS09, Zhu05a,

Zhu05b, Zhu06, Zhu08a]. **scanning**

[SAHS09]. **scattered**

[FL09a, KKLY06, LP06b, ZH08]. **scattering**

[ABL07, ACWL07, AE07, Bou07a, BCK07,

BG07f, CD05, CCM07, Cak07, CWMT07,

CU09a, CNN07, EGM07, EM08b, GLS07,

HMPR07, Mar07c, Nig07, RDH07, SHK⁺08,

ZKSS06]. **scenarios** [SK09b]. **schedule**

[Saa06]. **scheduling** [BDL09, ZMAZ09].

Scheifele [Van09]. **scheme**

[AT09b, ACR06, BH07b, BF09, BD06,

BB09a, BG07c, BG07f, Cen08, CY08b,

CAHAY09, CCCH09, CLO09, Che08, Cim09,

CD07a, Cui08, DS09a, DZ09a, DZ09b, DD08,

EMP08, GAR07b, GC06, GL07, Har08a,

HMG06, HL09b, HLJ09, JN09, KD05,

KCK06, LT07, ILzS07, Lu05, LYZ09, Ma06,

MN07b, PS08, PP09, PS05, SK05, SZ08b,

TS08, VVE08a, VRL07, Vil09, WKY⁺07,

WNZ09, WG09, YWD09, ZZZ06, ZWZ08].

schemes

[ARVP09, ABBM09, AS05e, Ban05, BB08a,

BB09b, CJB06, CHJL08, CGP07, CP09b,

DSC09, Dai11, FC09, GLOS05, GP08,

HPS06, HRGD08, HZ05, HP07, KMWVY09,

Kot08a, Kuz08, Mat07b, NP08, NT06, Qiu07,

Rad05, RVAD08, Roe08, Rom09, SKAW09,

SBK07, SF08, Sun09, Sut07, Tab07, TYZ⁺05,

TGB08b, Toc09, VMMM09, VR08, WKY⁺07,

XY05, XC06, YLSX06, YXYJ06, ZP06].

Schmidt [RH06]. **Schrödinger**

[BD06, CCJ07, CHJL08, EZ06, GS07c,

JW08b, KCK06, KHWF09, LRV⁺09, LN09,

LC08c, MU08, MD09b, SS05, SBO09,

Swe07b, WNZ09, ZZZ06]. **Schur**

[Bac09, Deu09, LHL06, NL05]. **Schwarz**

[And08, And09a, Bad08, Bog05b, Dao07,

ILpZ08, Sch07b, SM09]. **science** [GPS09].

scientific [ZFS09]. **scores** [WC07]. **Scott**

[ZWZ08]. **scrambled** [VC06]. **screens**

[CD05]. **SDD** [Mor07]. **SDE** [LS06a].

SDELab [GS07b]. **SE** [QW06]. **Search**

[BGP09, DEMR08, HE06b, bJQIZ07,

KCLW08, QZY09, SS09c, SS06a, TJ08,

XSW09, XSP09, YP08]. **searches**

[hLyHZ08]. **Secant** [Gal06, HQ06, AB05,

DFZ07, GK09, YOY07, YA08]. **Second**

[AHS08, BM06, DSC09, Dai11, DD08, DO06,

FPP07, GGA08, LG07, MS07a, ZWZ08,

AS05e, AGRZ05, ADGR06, BS09a, BNT08,

BF09, BM07b, Cen08, CHCW05, CP08a,

CLA09, CL09b, CN08, DL08b, DZ09b, DG05,

ED06, EGO06, EGFOA09, EBP09, FJT07,

Fra06, GJ08, GO05, GPPRRB06, GPPRB07,

GOT06, GZX09, HYYF05, Hsi09, HM09b,

Ish07, Jai06, Jia09a, KT07a, KKLY06,

Kom07b, Kom08, LC08a, Lei08a, LLZY06,

LS07b, Liu08b, LB09, LLW09, LM09b, LB10,

Luo06a, MB07a, MD09a, MY06, MY08,

NWW08, NMKS09, NM06, PJ08, QG08,

Qi08, QGC08, Qi09, RVA07b, RB08, Sak05, Sak06, Skr05, SLZA09, Sza08, TRS07, Toc05, Wan07b, WML08, XW07b, Xu08, Yan06b, YS07, YY07a, YL06, YCJ09, ZLL09, Zhu08d]. **Second-order** [AHS08, BM06, DSC09, Dai11, GGA08, LG07, ZWZ08, AS05e, BNT08, BM07b, Cen08, CP08a, CL09b, DZ09b, ED06, EGO06, FJT07, Fra06, GPPRRB06, GPPRB07, GOT06, GZX09, HYYF05, HM09b, Ish07, Jia09a, KT07a, KKLY06, Kom07b, Kom08, LS07b, Liu08b, LB09, LLW09, LB10, MD09a, MY06, MY08, NMKS09, NM06, RVA07b, RB08, Sak05, Sak06, SLZA09, Toc05, Wan07b, Yan06b, YS07, YCJ09, Zhu08d]. **section** [KMB09a, UHNC09]. **sections** [HW07]. **sector** [LS05]. **sediment** [DP08b]. **sedimentary** [CLQ09]. **seeds** [ZLLW08]. **segment** [WM09]. **segregated** [JR08]. **SEI** [YY08]. **Seidel** [Li05d, LC09b, NKM08, ZM09b]. **selected** [MvdMV06]. **selecting** [MPZ09]. **Selection** [Ver08, AKW05, BBF⁺05, CM05b, CMST06, CT09b, DS05c, Hua08, Hui07, JRM09, LZWQ09, QLJ09, RVA05, YJJ09]. **selective** [RW06]. **Self** [Car05b, AGH06, BR07b, CPM⁺05, Cha07, dCDND06, EGFOA09, EGFO09, EST07a, EMMP07, Gal09, KM09c, LLZY06, LP06a, MS07d, Pet09b, SS09c, WHG07]. **self-adaptive** [SS09c]. **Self-adjoint** [Car05b, AGH06, EGFOA09, EGFO09, EMMP07, KM09c, LP06a]. **self-conjugate** [LLZY06]. **self-consistent** [WHG07]. **self-similar** [EST07a, Gal09]. **self-tolerance** [CPM⁺05]. **self-validated** [Pet09b]. **self-weighted** [dCDND06]. **semantics** [PPG07]. **Semi** [eMH06b, Bej06, BB09a, FG09, ZSGF09, Ahm07, ADDdM05, BB08a, BeMBH06, CW08b, FFSS09, FN09, GLdS08, HPS06, HL08, HeM05, HL09b, KCK06, LWYT06, LB07, MW09a, MLL09, SF06, TV07, TLQ08, Var07, VRSS08, Ver08, WG09, XZS07, XZZ09, YOA06, Zha09a]. **semi-algorithmic** [ADDdM05]. **Semi-analytic** [FG09]. **Semi-analytical** [eMH06b, Ahm07, FFSS09, LB07]. **Semi-blind** [ZSGF09]. **Semi-cardinal** [Bej06]. **semi-definite** [LWYT06, TV07, XZS07, XZZ09]. **semi-discrete** [KCK06]. **semi-explicit** [WG09]. **semi-free** [MLL09]. **semi-implicit** [BB08a, BB09a, FN09, HL09b]. **semi-infinite** [BeMBH06, CW08b, GLdS08, HL08, HeM05, LWYT06, MW09a, TLQ08, VRSS08, Ver08, YOA06]. **Semi-Lagrangian** [BB09a, HPS06]. **semi-linear** [SF06, Var07]. **semi-positone** [Zha09a]. **Semiclassical** [dMFPP07, MS07a, dMFPP08]. **semiconductor** [DBE07, FIR06]. **semiconductors** [PV09b]. **semiconvergent** [MRSZ06]. **semidefinite** [AH07, Yu06]. **semidiscrete** [BW07a, Cui08, KV07]. **semigroup** [Kok05]. **semigroups** [CS07e]. **semilinear** [AK09, Bog05a, Bog05b, EPP⁺09, Fer09, KV07, MW07, SD09, Wan07c, XCZ08]. **semilocal** [Arg09b, Hu05b, ZBL08]. **semiparametric** [Hu05a]. **semiseparable** [Gem05, VVV08, VMV07]. **semisingularly** [ZC08b]. **semismooth** [CP08b, Śmi07, Zhu06, Zhu08a]. **semistrictly** [LW08d]. **semitransparent** [Sea07]. **semivariance** [Hua08]. **Sensitivity** [HyLC06, LP09, AHM09, DW06a]. **Separable** [SV07a, UO09, ZW06a]. **separated** [BV06, Log08]. **separating** [Toy07]. **Separation** [DJ07b, KSS07b, SJ09, SJZY09, SJZ09]. **Septic** [SA08a]. **sequence** [DMM07, Kil07, ZSZ05]. **Sequences** [CBDGVN07a, CBDGVN07b, Ber07, DJ09, JKK06, MDSR04, MC05c, MRSZ06, PC05, SCS08, Tor05, VC06, WS08]. **Sequential** [WCH05, FHZ09, TJ08, Zhu05c, Zhu08c]. **serial** [CG05]. **Series** [KSS07a, AGM09, BG07d, BE06a, BE06b, BSS09, yCyZ08, yCyZ09, CJ07, CZ08b,

CV09, Cof05, Cof08, CJ09b, CS09b, Gau05b, Gin05, GBR09, HHST05, LV06, LV07, Mat06, MGMT06, Mil09, Par09c, RI06, RVK05, Rea07, RS05d, SLH06, TMG09, UHNC09, Van08, WW09, DS06]. **server** [CKT09, KL08a, TYH08, WWP09]. **service** [BNDN09, CKT09, LLS09]. **sesquilinear** [Par05c]. **set** [Chi05, DMZ08, EM08a, HyLC06, bJxC09, KAP07, KGW09, LTY08, Lin05, Liu05, MMS⁺09, PK07, RM07, UFG09, ZL09a]. **set-valued** [HyLC06, LTY08, ZL09a]. **sets** [CJCD06, CZ09, CK06, GLdS08, MPP09, XGZ09]. **settling** [MM06]. **seventh** [KLW07b]. **seventh-order** [KLW07b]. **several** [HHST05, Li05b, Nig07, Xio07, Xu05a]. **SGBEM** [ADF07]. **Shabat** [CHL09]. **shadowing** [Gu07]. **shallow** [AVMMS⁺06, AB07, CGRGVP08, QW06, SF08]. **shallow-water** [CGRGVP08, SF08]. **Shape** [CFL05, DMZ08, PS08, YM08, Ata07, FGB07, FL09a, FOT07, GA09, HS09a, Han06, KGB⁺07]. **Shape-preserving** [CFL05, PS08, FL09a, FOT07]. **Shape-topology** [DMZ08]. **shaped** [Li09c, YH09b]. **shapes** [ET06, PLGS09, SRB06]. **Sharma** [SWZ09]. **Sharp** [Che09, GO07]. **shear** [DDL07]. **sheared** [eMH06a]. **sheet** [Pit09]. **Sheffer** [Kok05]. **shells** [Civ07]. **Sherman** [EM06]. **Shifted** [Sin09, VL06]. **shifts** [Wu07]. **Shinnosuke** [VAW07]. **Shishkin** [RO05]. **Shiu** [ZLY09]. **Shock** [TY07a, AAK06, GWG08, SBK07]. **shock-compacton** [TY07a]. **shock-free** [GWG08]. **Shock-peakon** [TY07a]. **Shohat** [Van08]. **Short** [Den07b, Sen07]. **short-tailed** [Sen07]. **shortest** [KK09b, Lin09b]. **shunting** [LMZ08, Liu07]. **side** [CHSW08]. **sided** [GPTT05, HYC05, Müh06b]. **sides** [GQ09a]. **Sigmoid** [GZX09]. **sign** [AMV06, DCZ07, LLW09, LOA05b, SS09b, Won05]. **sign-based** [AMV06]. **sign-changing** [LLW09, SS09b]. **signaling** [ZBB⁺05]. **signals** [ZSGF09]. **signature** [XC06]. **signomial** [SaLJ08]. **Signorini** [xLLhZ08]. **similar** [EST07a, Gal09]. **Similarity** [eMH08, DA08, GW08]. **Simple** [Koç08b, BJK09, GR09, HR05c, LmZbL07, SS09c, Sau08, TTZ06, ZZZ09]. **simplex** [KA08, Lu09b, PC05, Sto06]. **simplicial** [BHP07, SDP09]. **Simplified** [HY09b, Toc09, BDHW07]. **simply** [Chu08]. **Simpson** [Gar07a, ZWY09]. **Simulating** [Göt05, BdAR08]. **Simulation** [ARG08, Dor09, SSW09, THS05, ACV05, BRVWM07, CHSW08, DFHS08, FHtMP06, GKMS09, GM09b, HKB⁺05, IO06, KM06, KRAH07, KSE09, KGB⁺07, LY05a, MJX09, OMC08, RKAH07, Sha05, WT07]. **simulations** [ABD⁺09, BNP07, CFV06, Hat09, WZH06]. **simulator** [SL06]. **Simultaneous** [MV05b, PKS⁺09, GAC⁺08, PPR07]. **simultaneously** [CJCD06]. **Sinc** [AYK09, MNMS05, NMMS05, RZ07, SZD09, SK09a, WLK06, WKL06, NMM07]. **Sinc-collocation** [NMMS05, RZ07, SZD09, WLK06]. **Sine** [OOO⁺07, Bra07b]. **Sine-Gordon** [OOO⁺07, Bra07b]. **single** [BSS09, CT05, KL08a, LmZbL07, Lin08, PVC06, WM09, WZH06]. **single-phase** [WZH06]. **single-population** [Lin08]. **single-species** [CT05]. **single-term** [BSS09]. **Singular** [CK07, Yan06c, AM09b, AD05, ABV08, AKW05, BMfX07, Bar09, Ben07, BBB07, BF08b, CE09, CCD09, Cen08, CT09c, Civ07, CG07, DL09a, DV06a, DW05, DL08c, Dio09, EGFOA09, EGFO09, EJ07, ELA09b, Fer09, FPP05b, FPP08a, FPP08b, Gao05, Gao06, GJ08, GXgL05, Gon09a, HS07a, HMT09, HV05, IL05, KA07, Lan06, LS07b, Li08, LZ08a, LZ08b, LZ09b, LKSC06, LM09a, LJL06, LLW09, LOA05a, LOA05b, LP06a,

LYZ09, MZC08, MJ09, MB07a, MVV08, May07, OYA07, PS07a, PS09a, PT06, PT08a, Pet07b, Scu09, SLZA09, TV07, Tem07, VG09, VAN06b, Vul07, WZ08, WD05, YOA06, Yan06d, Yan06b, YL09b, Zha05]. **singularities** [CO05, Kru05, MS06a]. **Singularity** [FFK05, HS09b, KS07c, Moh05]. **singularly** [ABS07, Att05, GC06, KGA08, KM09c, Lin05, LS05, MM07, MS07c, OS07c, RO05, Sto05a, TRS07, TR07, TR08, XWZH08, ZC08b]. **sinh** [CMRS06]. **sinh-Poisson** [CMRS06]. **SIR** [SMT07, YH07]. **SIS** [WZ06]. **Sivashinsky** [LT05]. **Sixth** [CFMR09, SA08a, Sut07]. **Sixth-order** [CFMR09, SA08a]. **Size** [KOS07, CLQ09, NBSV08, RVA05, Sic08, VRL07]. **Size-structured** [KOS07]. **sizes** [PR08b]. **Skan** [Asa05]. **skeleton** [PR05]. **skeleton-regular** [PR05]. **Skew** [AAR09, GQ09a, DGS06, Duf09, HYG08a, HWL09, JC09, KMB09b, Pie08]. **Skew-Gaussian** [AAR09]. **skew-Hermitian** [HWL09, JC09, KMB09b]. **skew-orthogonal** [Pie08]. **Skew-symmetric** [GQ09a, HYG08a]. **skewed** [AT09b]. **slate** [TMOG07]. **sliding** [SA09]. **slip** [HKA07]. **slot** [AVMVMV08, SS08]. **slowly** [Gau05b]. **SLP** [WWW08]. **sludge** [KRAH07]. **slug** [KPAT07]. **small** [CV06, FL06c, Hem06, JKM09, Mar07c, Ped05, ZT06a]. **small-scale** [ZT06a]. **Smallest** [MB05]. **smooth** [AU09, ABET08, And08, BN08a, BMW08, CT09c, DF08, DFLV06, HV05, JLR06, Mus09, ZCH07, ZZL08]. **Smoothed** [AFT⁺06, CJ08]. **smoothers** [CdWJ06, Kan08]. **Smoothing** [GU08, KMWVY09, BK08, CL09b, DD06, HZW08, KP08b, MC08, Scu09, Sun09, WKY⁺07, XZZ09, ZJW08, ZLL09, ZZ09a, Zho09a]. **smoothing-type** [HZW08]. **Snowflake** [NSS06]. **SNP** [WWW09]. **Sobolev** [AGMMB05, BMS05, BS05, BCGA05b, Bou07b, Cim08, GS06c, Maz06, MOC09, MB07b, RS05b, Xie08]. **soft** [KGW09, RM07, XGZ09]. **softening** [ADF07]. **software** [CN07, DMM07, Gug06, Kro06a, MV05a, Sha07, SW06b]. **soil** [MD08]. **soil-structure** [MD08]. **solid** [HKM08, WT07]. **solid-liquid** [WT07]. **soliton** [BK09b]. **Solution** [Asa05, DFLP08, HLY09, Koh08, RZ07, TR07, VV05b, WWFV07, YKS09, Abb07a, AT09a, ADF07, Alh06, AAK06, AM09b, AS05e, AS05f, ABR07, AGRZ05, ABV08, BS08a, BS09a, BCeAJ09, BLW06, BF05, BFT07, Bat08, BTI08, BGP07, BBD06, BY09, Bor07, BSV08, BTS07, Bra07b, BMM06, BSS09, BK06, CM07, Car06, CdVT07, CXS06, CU09a, CU09b, CMM09, DSI06, Dao07, DSW08, DS09b, Djo07, DL09c, Eds09, EM06, EGM07, EM08b, ED06, FLMR07, FC09, GAC⁺08, GEK09, GRW08, GLdS08, Gon09a, GM09c, Gug06, GGP09, HS08a, HV06a, HAS08, HK08, Hei05, HV06b, HO06, Hoo08, Hos06, HLL08a, HYG08a, JL06a, Jen07, JR08, Kas06, KAP07, Koc08b, LP07a, LL05, LL08, Lew06, LC06a, LS07b, LFHW09, LC06b, xMzY09, MB07a, MSZ07, May08, MP06a, MCA09]. **solution** [MG08, MN07a, MK07, Moh05, MS07c, MD09b, MNMS05, Mus09, NTS06, NPTH09, NST08, NM06, Oga06, OA06, OS06a, PK09a, PKS⁺09, yPESIZ07, PK07, Pre08a, RO07, SK05, SS05, SAD07, SyS08, Sha09b, SCM09, SFPS09, uIHA09, SWZ09, SBO09, SDV06, Ste07, SSMB07, TL09, TR08, TSB09, TSC10, Tur06, VVE08a, VVE08b, Vol05, WCL08, WYL08, WD05, XHK⁺08, ZCS06, ZCL06, Zhu07]. **solution-dependent** [HV06a]. **Solutions** [BB07, LCYZ08, LXUK06, LXZG09, OYA07, eMH06a, eMH08, AMG07, AS05d, Asl10, Ass09b, ADDdM05, BB05, BSC07a, BSC09, BK09b, BG07e, Bru08, BSS08, COEV05, CRS05, CX06, CX07, CL08, CHL09, CT09c, CMRS06, Cim08, Cla05, Daa09b, DFLV06,

DA08, DAE05, Eba09, EZ06, Eng09, Enr06, EPS05, FWY09, FWZ09, FJG08, FPO05, Fin07, FL06c, FDFL07, GW08, Gin08, GJL08, HY09a, HEOS05, HCS05, HJK09, HKV09, Hat09, He05, HWY09, Hon07, HC08, Hon08, IL05, Iva06, JG09, Jia09a, Ko07, Kar09, KK06, Kaw07, KCS06, KS07d, KA07, KV07, KBB05, LWW08, Lai09a, LW05b, Li05b, LH05a, LH05b, LF07a, LD08, LH08b, LkLkP09, Li09c, LZ08a, LZ08b, LZ09b, LZ09c, LZW09, LKSC06, LJL06, LXX08, Liu07, LH07a, LTM08, Liu08a, LLZ09, LLW09, LOA05b, LJ09, Luo06a, Luo06b, Luo07, Lut07, MW07, MDMRP09, Mag09]. **solutions** [MO07a, MN05, MD09a, MLH08, ML09, MNHA09, NHN07, NMKS09, OS07b, OOM⁺07, PV09a, yPyHZ07, PP05, PS05, RTGB09, RLX08, RAG07, RHQ06, RR06, SS09b, SWZ05, Sch07a, SWYZ09, SA08a, Soh05, SdJMH09, SA07b, SP06b, ST07, Sun08, SL08, SLZA09, Sza08, Thi05, TY07a, VJ09, Wan07c, WHG07, WYS09, WSM⁺09, Wan09a, Waz07b, WW07, Wei09, WF09, WS09b, Won05, WL07, XW06, YS06, YOA06, YC05, Yan06d, YZ09c, YG09a, YM07, Yas07, YW09b, YG06, ZGV06, ZSZ05, Zha09a, ZCH07, Zha08, ZFG08, ZG09, ZC08a, ZLL08, ZT07, ZL07, ZW09c, ZSZ09, Zho09b, ZLDW09]. **solvability** [Cas07, NT08, Zho06]. **solvable** [DO06]. **solve** [AMCM05, BM08a, Koç08a, hLyHZ08, ZZ09b]. **solved** [SB09]. **Solvency** [Pit09, GD09]. **solver** [AFT⁺06, ABD⁺09, Duf09, HBS⁺07, KDN08, LS06a, NS09a, NBSV08, SSV06, Wac05]. **solvers** [DRV08, DFFW06, GWG08, JF06, KDH08, KL09, LLL06, RP09, SS06b, SS06c]. **Solving** [AETE07a, AH07, AS07, BG09, BUG07, CGRGVP08, CL06b, CN07, CG07, EM08c, JDG06, Jan09, TRST09, YL09b, Yu06, ZA09, AEET09, eMH06b, AS05b, AKK06, AR09c, Arg09a, AT09d, BRW09, Bno07a, BM07b, BKB06, CS09a, Cou09, Dan06, DS08, DVCH06, Din05b, DZ09a, DJ07a, ESAD05, FT08, FH09a, FHM09, FFSS09, FZL07, FKM05, Fu08, GA09, GXgL05, GC09, GDA07, GS07b, GS08, GS06b, Guo06, GBR09, HCL08a, Has06, HLH07, HS08b, HVV09b, Hsi09, HZW08, JH08a, KD05, KYF05a, KYF05b, KRA08, KTH08, Kro06b, Lar08, LMR07, Li05c, Li06b, Li07b, lLzS07, lLpZ08, Li09a, pLT07, Lu07, LHW08, MW09a, Mar07a, MA09, Ned08, PA09, PPR07, Pet09a, QZY09, Rad05, RA07, Sha09a, SZD09, SZ07a, Swe07b, TG07, TLQ08, Uje07, WWZY09, XH08, ZZ06a, ZZZ08, ZSWL09, Zhu05a, Zhu06]. **Some** [BBPR09, CCH06, CJ09b, CHY05, DL05, Dom07, DLG05, FH09a, Gin08, GM09b, HCL08a, He07, JK09, KLW07a, KLW07b, Kou08, Lei08b, LHM05, LmZbL07, LWC⁺06, LHL06, LZ06, LF08, MC07, Ma08a, Mon07, OS09, Pie09, Sch05, Shi07, ÁNPQ05, ABP06, AGRZ06, Att05, Bar09, BDS08, BJSS06, CGPM08, Cof08, CP07, FWZ09, Gar09, GJL08, HR05b, HL09c, JM07a, JG09, JM07b, JT09b, KK06, KK08, KCS06, MO07a, MMFMG07, MDSR04, MJ07, MC05c, Moi05, MB05, MS06b, Pet07b, RTGB09, Tab07, Vid05, Vol08, WZ09b, XW07a, dF07]. **Sommerfeld** [MCA09, SK06]. **SOR** [NK10, DKHNZ08, MYY06, NKM08, yS05, WHF07, Yun05b, ZhL08]. **SOR-type** [WHF07]. **sound** [KS07e]. **sound-hard** [KS07e]. **source** [ABV08, CHV⁺08, Dao08, DFY09, Gal09, HCDP08, JL07b, lLpZ08, LYB09, MM06, SJZY09, SJZ09, TRS07, TQA06, Wac05, ZSGF09]. **sources** [Du07b, SJ09, WHG07]. **sourcing** [LLS09]. **sp.** [MMS⁺09]. **Space** [AB07, ARG08, AMG07, BLR07, BS06, Bra07a, CHV⁺08, CG07, Fer07, GEK09, KDN08, LW06c, LLC08, MS07c, MM09, QW06, SAHS09, SLN08, Sin09, TG09, Thi09, YA07, ZL05, ZZZ06, Zhu08b]. **space-dependent** [ZL05]. **space-fractional** [ARG08]. **space-localized** [Fer07].

Space-time [AB07, BS06, QW06, ZZZ06].
spaces [AHL⁺05, AU09, AABL08, ACQ09, Arg09b, BN08a, Bac09, BMS05, BS05, Bou07b, BGG07, CAY09, CW08c, CQ09, Cim08, DCF06, DF08, Far06, FJG08, FD09, GS06c, GO07, HLH07, HL09a, Kam07, Kaz06, KBA09, KA06, KSS07b, yL08, OYA07, PG07, QCK09b, QCKK09, RS05e, SVC09, Sal09, WL06a, WYL09b, XH08, ZTY07, ZC08a, ZLL08]. **spacewise** [JL07b].
Sparre [GY08, YZ09b]. **sparse** [AKK06, Duf09, GM09c, LO08, YH09a].
Spatial [MCR08, BB09b, HH07b]. **Special** [BBF07, BBG05, Cla05, GD09, Nou07, Var07, VAW07, VK08, WS05, GPS09, Koç08b, Pet07b, SCM09, Wik08]. **species** [CT05, LOZ08, WW07, WF09, Won09a, YTM07]. **Specific** [Tac07, FPP08a].
SPECT [BBM07]. **Spectral** [AR09b, CT09c, DHM07, DBG07, EE06, Eng09, HKK07, JLNP06, KM09a, Lui09, SBO09, ZZ06a, AGM06, BSC07a, ByXy05a, ByXy05b, ByXy06, DG08, DAE05, DJ07a, DBR08, FPP05b, FPP08a, FPP08b, GGD08, GM09a, GGM06, HMPR07, Her09, HS06, HR05c, HWL09, KTH08, KW07, Koz08, Li08, LLT07, LC08c, MDT07, MH08, MCR08, VRBF07, WLY05, Wan07a, WGZ08, ZP06, ZM09a, jia09b, vOP07, HE06b].
spectral-discontinuous [LC08c].
spectrally [YW09a]. **spectroscopy** [SV07a]. **spectrum** [Cha07, Chi05, Coj09, Har06, KN06, OOO⁺07, Sie07a]. **speed** [BHJ05, Eds09, TFC07]. **Speeding** [GPRB05]. **speeds** [Dor09]. **sphere** [BDS08, KD05, LM07b, Sak09]. **spheres** [KSS07b, Sid05]. **spherical** [eMH06b, AG05, Car07, CM05a, DLROY05, KCS06, LMS08a, NP08, RR06, SBO09, WGZ08]. **spherically** [MDMRP09, ZGV06]. **spheroidal** [KM09a].
spin [KM06]. **Spiral** [AG05, WM09].
spirals [GM07a, MW09c]. **Spline** [PT06, AS05c, BISS05b, Bej06, DL08a, DP05a, DCF06, DZZT07, Far06, FO05, FOT07, GXZ06, Han09, JLR06, KGA08, KJ09, KKD06, LMS08a, LW06b, LLD09, LWLL09, LP06b, LW06c, LLC08, MST05, SH06, SA08a, SACJ09, WL06a, Wan08b].
splines [BISS05a, Bej06, Bou07b, CFL05, CJ06, CHNZ08, CGPS08, CMS08, DSI06, DL05, KJ09, KRA08, KP08a, KP08b, Liu06, LMS08b, Maz08, Müh06a, PR08a, PH09, PSV08, Rie06, Rom09, Ros08, Sab08, Sie07b, Sie08, SDV06, SDV07, UO09, WFL07, WF08, ZW06b]. **Splinoid** [DK05]. **Split** [RKK09, EZ07, MCA09, SBO09, Ter05, ZGH09]. **split-Gaussian** [MCA09].
split-operator [SBO09]. **split-step** [EZ07, ZGH09]. **Splitting** [HTS09, BB09a, Cas07, CHS08, DSC09, Dai11, FHZ09, FH09c, GZL07, Gei08, Gei09, GGP09, HYYF05, HWL09, HP07, JD05, JC09, KKW06, Koz08, Koz09, KMB09b, SS06b, TY07b, Wan07a, WWM07, WLMS08, Yum05b, ZZZ06]. **Splitting-based** [HTS09].
spring [HHZ07]. **Spurious** [AK07]. **SQP** [JTHZ05, bJQIZ07, Liu05, MZW06, XSP09].
square [BH09, CDV07, HR05a, LS06a, Log08, Mar07b, Möl07, OS06b, RB08, Sic08, SFPS09, Tay08, Toc05, YZL08]. **squared** [MvdMV06, SD06]. **squares** [BTI08, CR09, Cou09, DKHNZ08, DB08, DG08, DJ07a, GGD08, GRL09, JZW08, JSS07, KA07, MJB09, MV05a, RKK07, RKK09, SV07a, TY05, XZL08, XF07, YH09a, ZH08, ZSWL09, ZLDW09]. **squeeze** [BSKS07]. **Srivastava** [Tur09]. **SSE** [CGRGVP08]. **SSLE** [bJxC09]. **SSLE-type** [bJxC09]. **SSOR** [WHZ09, Yun08a, ZHG⁺09]. **stabilisation** [DRV08]. **stabilised** [BW07a]. **Stability** [AMCM06, CS06a, CS07a, CLGG09, CWW08, DaC05, Ela09a, FZL07, Fra05, FG07, GLdS08, Kot08b, LWMT07, LL07b, Luo08, MS08a, MI09, PN06, SCS08, SC06a, WYL09b, XGM09, YC06, YHH05, ZSZ05, AT07, BB05, BS05, BH09, BG07e, COEV05, CS07b, CXS06, CdAHBR06, DZ09a, Eds09,

FL06a, FSL09, FI07, FL08b, FL09c, FL09d, GG09a, GSW07, Har05, HWSL05, HS06, HL07c, KTM09, LS06a, LmZbL07, LZY09, Li09b, LY09, Liu09b, LZ09d, Luo07, Mao07, MMS⁺09, Moh07, Moh08, MK05, NP09, PDM08, Par05c, PT08b, PT08c, RB08, RS05c, RR06, SG05, Sav08, SLN08, Sin08, SW06a, SC07b, Tab07, TXZ09, TSC10, Toc05, TLQ08, VRL07, VAMVC05, Wan07c, WLS08, WLS09, XZL09, XLHZ05, Yan06a, YZL08, YH07, YY07c, ZS05, Zha08, ZG09]. **stabilization** [CK09a, XW05, YZ09a]. **Stabilized** [GLOS05, LY07a, ABP08, BH07c, HH07a, HL09b, LH08a]. **Stable** [Di 07, GG08, Huy09, NSK07, Sur05, ACR06, ABL07, BJ08, DW06, DK06b, KD05, LCKK06, LW07, Lin08, MVVA06, Tsi06, Van06a, Van07a, GLOS05]. **stacks** [Dul08]. **Stage** [Tsi06, AG09, CS07b, Fu08, GPP07, GEK09, JD05, LC09a, LCH09, LL07a, LZDD09, NBSV08, Ver06, Wan08a, WLF09, XW06, YTM07]. **stage-order** [Ver06]. **stage-structured** [LC09a, LL07a, LZDD09]. **stages** [YY08]. **Staircasing** [BW07a]. **standard** [ARVP09, AKL05, CN08, LP06a]. **standing** [SC07a]. **star** [PVC06, VB05b]. **start** [CO05, MJB09]. **start-up** [CO05]. **Starting** [Ver06, AOSY05]. **startup** [WWP09]. **State** [IT07, MLOP06, BLR07, BG09, CCK06, GEK09, Har05, Hsu05, HL07c, JL07a, KV09b, LC08b, MY06, NP09, RW06, SLN08, TSC10, WLL07, WPC08, Wan09a, WYO09, YC05]. **State-dependent** [IT07, BG09, Har05, WPC08, Wan09a, WYO09, YC05]. **state-selective** [RW06]. **states** [MY08, Yan06c]. **Static** [VS08, AG05, SZ08b]. **Stationary** [HL07a, ZW09b, CMM09, DS09a, HH07a, Ko07, KKD06, MYY05, Mot06, NHN07, TY05, ZH09]. **statistic** [BdWG06, Men09]. **Statistical** [Hui05, KS07a, ABC06, KLS⁺07, MM09, Tsa09]. **Statistically** [BP07]. **statistics** [HL09c, MPP07, SD06, Tup07]. **stator** [SS08]. **steady** [DD08, Hsu05, MS09c, WK08]. **steady-state** [Hsu05]. **steepest** [DS05b]. **Stefan** [JVVvdZ06, VV05b]. **Steffensen** [AABL08]. **stenosed** [ICW⁺09]. **stenosis** [Dem07b]. **step** [ASL07, BJ07a, BJ08, BRW09, Bno07a, BW07b, CL09b, CEJ09, CCLS06, DW06, DT06a, DF08, EZ07, FJT07, Fra06, HRGD08, JLR06, KD05, LC08a, Lar08, LW07, MC08, NBSV08, PJ06b, PJ08, RVA05, Roi07, Sic08, Sza05b, Van07b, Van09, VRL07, Ver06, Vil09, WSPJ09, ZGH09]. **step-size** [RVA05, Sic08]. **step-transition** [DT06a]. **stepping** [AS09b, GKMS09, LS06a, SW06a]. **steps** [Eds09, SB09]. **stepsize** [RVA07b, VAR06]. **Stewartson** [SJ09]. **Stieltjes** [Ber07, BHJ05, GPTT05, TMG09]. **stiff** [GPRB05, JF06, Sav09, SSV06, VMMM09, VR08, WYL09b]. **Stirling** [EKL⁺07]. **STL** [RB06]. **Stochastic** [Gri09, HR09b, LFS08, Mar08, RLH09, TBBC07, XWT09, YSY09, AR09a, AK07, BB05, BH07a, BH09, BS07, BLP07, BW07b, CJB05, CJB06, Car06, CX06, CX07, DR08, FSL09, FR07, FN09, GS07b, Gin08, Guo06, HBS⁺07, HMG06, HR09a, KS06, Kom07a, Kom07b, Kom08, LkLkP09, Lin09b, Luo06b, Luo07, Luo08, MSZ07, MYY05, MYY07, Mao07, Mer05, PDM08, PR08b, RB08, RLX08, RS05c, RHQ06, SA09, Sha05, Sic08, TBL09, Toc05, WLL07, Wan08a, YZL08, YWD09, YJY06, YG06, Zha08, ZGH09, ZZ09b, ZW09c]. **stochastic-flow** [Lin09b]. **Stochastically** [Luo06b]. **Stock** [GM06, CT09b]. **Stokes** [Dai11, ABP08, BIR09, BH07c, CMX09, CLA09, DC08, DSC09, DMZ08, FLPA09, FH09c, GRW08, Göt05, GS06c, HH07a, HL09b, How09b, KDN08, Khu06, Koh07, KKD06, LY07a, LH08a, LY07b, Mot06, NHN07, Oga06, OS07b, SST09, SS08, VVE08a, YM08, YWD09, YXJG08, YXYJ06, ZH09]. **Stokes/Darcy** [CMX09]. **stopping** [MSE08]. **storage** [ACV05].

Storey [Zha09b]. **Störmer** [RVA05].
strategies [CP07, LP07a, Lin08, NGS05, PLGS09, Sav08, Ver08, YSY09, vdESvG05].
strategy [BJK09, BKB06, DWY09, EM08a, GY08, LWS09, LTC06, LXSH09, SS09a, Scu09, YZ09b, YW09a]. **streamfunction** [Fai07]. **streamline** [CWW08, HPS06].
stretching [EKEHR08, LO08]. **strict** [CAHAY09, JTHZ05, WCH05]. **strictly** [ACQ09, THC08]. **strike** [Hug06]. **striped** [Smo06]. **Strong** [BLP07, HK07b, QCKK09, TGJ19, BS09c, KYF05a, KYF05b, KS06, MS06a].
strongest [Ata07]. **strongly** [CS07c, bJxC09, KMB09b, VMV07, VDV08, Xu07a].
Structural [GVC⁺08, BC09a, Mar07b, SRP08, Yua08, YD09a]. **Structure** [CFMR08, LW06c, sR07, BGP09, CS07b, CK07, CHLW08, ÉT08, Hat09, Ko07, Koo07, LCH09, LLC08, MS07a, MD08, RK08b, SBK07, VDV08, WLF09, XW06].
structure-preserving [CHLW08].
Structured [DW05, DW06a, WMG08, WA08, XW07a, DV08a, DV08b, Du07a, Gra06, KOS07, LLZ08, LC09a, LL07a, LM08, LZZD09, MV05a, MVVV06, NP06, YTM07, Zha08].
Structures [DV06b, DV06a, Jay07, Lai09a, LCZ09, SAHS09, YH05, YWH05a, YWH05b, ZT06a].
studies [Nig07]. **study** [AEET09, ABÇ06, BDY09, BSC07b, BGP07, BDL09, BNDN09, CJCD07, Car07, FH09b, Koh08, NSK09, RVM08, Tup07, Var07, ZL05, ZZZ06, ZTG09]. **Sturm** [AGM06, ABI07, BV06, BBB07, BSS08, CKWZ07, Cha07, Cha08, CW08d, FPP05b, FPP08a, FPP08b, GGM06, Liu08b, MJ08a, Sim07b, SO05, WWW08, Won05, Yüc06].
style [ABG06a]. **sub** [bJxC09, MP07, Mus09]. **sub-diffusion** [MP07, Mus09]. **sub-feasible** [bJxC09].
subcovariance [NL05]. **subdiffusion** [LYB09]. **Subdivision** [NP08, CS08, CGP07, CJ08, DS09a, GP08, MCD06, PS08, Rom09, SLZ06, XY05, ZC06].
Subdivisions [LP08, CJ06]. **subgrid** [Joh05]. **Subject** [Ano05-41, Ano06-38, Ano07-41, PP08, WTZ08]. **subjected** [Kas06]. **sublinear** [EBP09]. **submatrix** [yPIH05, YD08]. **submerged** [MOZ07].
subproblem [DS05c, SS09c]. **subproblems** [bJyKyZmT09]. **subsets** [EE06]. **subsonic** [CMRS06]. **subspace** [BJSS06, DGR07, FLMR07, SX09, XZ08].
subspaces [Den07a, GPV05, MVV08, WZ09b].
substances [LC09a]. **Substructuring** [WDC⁺08]. **successive** [BT09, MLY07].
successively [Wu08]. **suction** [BeMBH06].
sufficient [BGG07, CHY05, HW07].
suitable [GZLL09]. **suited** [OOM⁺07]. **sum** [Ism07, Par09a, SW08, SDP09]. **Summation** [Cof09b, CJ07, DMS05, HHST05, Mil09].
summations [CHM06, MS05b]. **sums** [FH07, Par05a, Par08a, VCD⁺08]. **Super** [ABB⁺07c, RO07, BCP07].
Super-attracting [ABB⁺07c]. **Super-fast** [RO07]. **super-resolution** [BCP07].
superconductors [Slo08].
Superconvergence [Bi08a, DL08c, xLLhZ08, Xio07, YG09b, ZWY09, ZLZ09b, LY07b, MCR08, ZC08b].
Superconvergent [WSPJ09, BF05, CYM08]. **superlattices** [DBE07]. **superlinear** [AK09, LYW08, YOY07]. **Superlinearly** [KK08, bJxC09]. **superpositions** [AI06].
superquadratic [Sha09a]. **supervision** [Pit09]. **support** [BCK07, EL06, GHMPV09, Jai06, TMOG07].
supported [LP08]. **supports** [Liu06].
supremum [GP07]. **sure** [PDM08, RS05c].
Surface [SNV06, eMH06a, AE07, Ben06, BG07c, BGG08, BG07f, CW08a, CCLS06, EKEHR08, GLS07, GGP09, HMH08, IV06, IV08, RB06, SC07a, SLMW06, TK07, WK08, XF07, ZX06]. **surfaces**

[BFGP08, Bra07a, CKWZ07, CM05a, DP08a, HW08, KCS06, KLLP06, KP07, Lu09a, MCD06, Sid05, WLL06, Wri08, rWIC06, XFgS06, XW09, ZC06]. **surprising** [CV09]. **surrender** [VV09a]. **surrogate** [WC08]. **survey** [CD07b, DG05, MG07, Nou07, PPR07]. **survival** [CT05, DD07]. **susceptibility** [VV05a]. **SVEIR** [WJS⁺09]. **swarm** [LW08a, YW08]. **switch** [VJ09]. **switched** [MLOP06, XW05]. **switching** [DBE07, LkLkP09, LJM09, MYY05, MYY07, YG06, ZW09c]. **Sylvester** [BLT09, BJ07b, HYC05, LLZ08, ZLDW09]. **Symbolic** [BBD06, FT08, CN07, HHST05]. **Symbolic-numeric** [BBD06]. **Symmetric** [DKHNZ08, ZFG08, ABG06a, AV06, ADÓ07, BW06, BXC09, BBR05, CFMR09, CK08, DM05, Duf09, ER07, GHZ06, GQ09a, GGA08, HYYF05, HYG08a, KV05, MDMRP09, MJ08a, MN07a, Sen07, SZ07a, TV07, VMV07, XZL08, YY07a, YD08, YLW09a, Yua09, ZhL08]. **symmetrical** [GMFB06]. **symmetries** [JKM09]. **Symmetry** [LV07, Tac07, BFT07, LLZ09, MPP07, NSS06, Wil06, vOP07]. **Symplectic** [KHWF09, SEAA08, CFMR09, WNZ09]. **symplecticity** [CLM06, DT06a, FJT07, IT07]. **Synchronization** [LY09, LC08b, BSC09, NaLH07, Par08b, SS09a]. **Synchronizing** [ZMAZ09]. **syntactic** [PPG07]. **System** [AU09, AT09a, BF05, BBSV08, Bra07a, CS07b, Cim08, CT05, DW05, DF08, DC09b, Du07b, DL09b, FL06a, FD09, GL07, GBR09, HC08, HM08, HHZ07, HZW08, JDG06, Jai06, Kar06, KBA09, Koh07, KS05b, KBB05, yL08, Lan08a, LJM09, LOZ08, zLCgS06, LC06b, Liu09c, MW07, MS09a, Min05, NS09a, OS07b, Par08b, PZ08, Siv09, Śmi07, SM09, TRS07, TBL09, VG09, WNZ09, WW09, WLF09, Wan09a, WD05, WW07, Wil06, Won05, Won08, XW06, XWT09, YC06, ZGV06, ZCS06, Zha08, ZZZ09, ZM09b, ZZ08b]. **systematic** [ADLT09]. **Systems** [Art09, FC09, SRP08, AKK06, ABI07, Aue07, Bac09, BW06, BSMT09, BC08, BBD06, BY09, BS07, BMC09, BJSS06, BFM09, CJCD07, CLP08, Cao08, CC08, CMST06, CGRGVP08, CKC⁺07, CZ09, CHS08, CXH09, CMT09, Cou09, CHY05, DaC05, DL08b, DLROY05, EM06, EZ06, ÉT08, EM08c, FLMR07, FHM09, FPO05, FKM05, FG07, FL08b, FL09d, GDM08, GSW07, GGT07, GXgL05, Gia06, GLdS08, GM07b, GM09c, GT09, GQ09a, GF08, HWSL05, HNS09, HS08b, Hos09, HL07c, HSL08, HGS06, HMT09, bJyKyZmT09, JL06b, JH08a, KM06, KK08, KMVWY09, KRAH07, KR07, Koh08, Kok05, KT07b, KMB09b, KTM09, Lar08, LRV⁺09, LZ05, Li05c, Li05b, Li05d, LmZbL07, LCA07, LWMT07, Liu09b, LM09b, LRT06, LY05b, LL07b, LHR09, LHL11, MZC08, MS08a, MSB05, May07, MGS08, MDB06, MLH08, MSA09, MK07, MS07d, MLOP06]. **systems** [MN07b, NSK09, Ned08, NKA09, NaLH07, OOM⁺07, PKS⁺09, PT08b, PN06, PK07, QCK09a, RB08, Roe08, RO07, SG05, SLN08, SZ07a, SSZ09, SL08, STB09, SCY09, TR06, THC08, Tup07, WCH05, WHF07, WLL07, WZ08, WYL08, WZ09a, WCW09, WWM07, WF09, WL07, WH09b, WHZ09, WZS06, XDW05, XW05, XZL09, XXL08, XX09, Yua08, ZhL08, yZXL09, ZLZ09b, ZJ12, ZLL08, ZSZ09, Zho09b, Zhu05a]. **Systems-based** [FC09]. **Szego** [GM09a, JR07, NSL07, Pet05, SL05]. **T** [CSG05, ZBB⁺05]. **T-lymphocyte** [ZBB⁺05]. **tabu** [XC08]. **tail** [CV06]. **tailed** [Sen07]. **tails** [GA09]. **talks** [Ano05o]. **tangent** [KLLP06, Lu09a]. **Tasso** [SWZ09]. **tau** [DAE05, KW09, AT09a, GK07, Hos09]. **Tau-functions** [GK07]. **Taylor** [AZGN06, Asa05, CN07, GNS06, GS06b, MO08, Roi07, SAD07, Toc09, TMG09, XTZ06, Zha07]. **tearing** [NS09a]. **tearing-based** [NS09a].

technical [HL09c]. **technique** [AETE07a, CLA09, DH09, DEMR08, Dul08, FH09c, GBR09, HK08, JZW08, KM06, KCLW08, LYB09, MLY07, OS07c, Pet09a, SBO09, SK06, VT06, VVE08b, WZ08, YW08, YP08, ZLYW09, Zhu05a, Zhu06].

techniques [Ban08, CMX09, CK09a, CKC⁺07, CHSW08, CHV⁺08, EM08b, FL08a, GPS09, KMB09a, KLS⁺07, Lia05, NMKS09, PK09a, TBL09].

telescoping [CHM06]. **temperature** [KSE09, XF07]. **temporal** [LB07, ST05].

tensile [DK06a]. **tension** [Bou07b, Rie06, TK07]. **Tensor** [Arp07, DP08a, Joh05, KJ09, Lu09a, SLMW06].

tensor-product [KJ09]. **tensors** [QWW08].

term [AEET09, AR09c, BSS09, Ext99, Fin08, FC09, KHWF09, LV06, LYB09, LLW09, Mil06, MSP08, TRS07, Tan06, ZSZ09].

terminating [CJ07]. **terms** [AML07, ABV08, FI07, Koi05, lLpZ08, LZY09, LZ09d, MS05b, VVE08a, VC06, Wac05, Xio07, ZS05]. **Test** [GK08, Alo07, HK08, Kan05, MPP07, MRV09, MK07, PS07b]. **Testing** [CV06].

tests [HE06b, KRAH07]. **tetrahedral** [PR05]. **texture** [vdBHPS07]. **th** [BB05, CKWZ07, Dub09, FWY09, FSL09, JG09, LRH07, LZ09c, MW09b, Luo07].

their [BM07b, CK09a, CZ08b, DGS06, Eig07, GG09a, GF08, LHM05, LZ06, pLT07, MC07, Ma08a, MJ07, NH08, OW06a, SP09a, SRB06, TYZ⁺05, WC07, WS08, WD05, XDW05, XTZ06, Yua09, vdBHPS07].

theorem [AAZ06, BC09b, CLO09, CBGV05, EST07a, GP07, HL09a, Hu05b, LW05a, Liu09a, MJ08a, NK10, PK09b, SVC09, yS05, Van08, VV06, VZ08]. **Theorems** [ZZL08, BS09c, DJ07b, FG08, FL08b, FL09d, HL09a, HSL08, Kaw07, LOA05a, Mai08a, NS09c, QCK09b, QCKK09, Swa06, Tem09, WWM07]. **theoretic** [KGW09, RM07].

Theoretical [Gon06, LmLgF09, ADLT09, CP09a].

theories [LB07, WWP⁺08]. **Theory** [Gao06, HCK07, XZL08, ABI07, Cak07, DIKZ07, FS07, Gao05, GM09b, MS07d, RW06, SHB05, Tab07, Zho08]. **thermal** [BGRS05, BM08b, CYZ09, Dor09, FZ08, SSW09]. **thermally** [RVM08]. **thermo** [KS07b]. **thermo-elasticity** [KS07b]. **thermoelasticity** [Swe07a].

thermoviscoelastic [Cop05]. **theta** [Sch05]. **Thiele** [ZT06b]. **Thiele-like** [ZT06b]. **thin** [Bou07b, CH09, FTT⁺05, PSV08, VV05a]. **thin-plate** [PSV08]. **thin-wire** [FTT⁺05]. **Third** [JYX07, LZG⁺09, ABP06, ABB⁺07c, CS06a, Chu08, EPS05, HAS08, Kar07, KSS07a, Koç08a, Koç08b, SS09b, Sun08, Wei09, YW09b]. **Third-Order** [LZG⁺09, JYX07, ABP06, CS06a, Chu08, EPS05, Kar07, Koç08a, SS09b, Sun08, YW09b].

Thomas [Jen07]. **Three** [BRW09, Gal09, MP06a, NVD08, Wan08a, BISS05a, BJ07a, Bej06, Bra07a, BG07f, CP09c, DCZ07, EKEHR08, FG09, Har08a, He05, HR05b, Hon07, KD05, Kar07, LV06, LCZ09, LLT07, MJB09, Oga06, OA06, RVM08, SK09b, Sun08, SLZA09, SS06c, THS05, WGZ08, WF08, Wei09, Won09a, WDC⁺08, YTM07, Yas07, Zha09a, ZWF09].

Three-dimensional [MP06a, BG07f, FG09, Har08a, LCZ09, LLT07, Oga06, OA06, RVM08, SS06c, THS05, WGZ08, WDC⁺08, ZWF09].

three-direction [BISS05a, Bej06].

three-field [DCZ07]. **three-level** [KD05].

three-parameter [MJB09]. **three-point** [He05, Hon07, Kar07, Sun08, SLZA09, Wei09, Yas07, Zha09a]. **three-species** [Won09a, YTM07]. **Three-stage** [Wan08a].

Three-step [BRW09]. **threshold** [DWY09, GY08, JZK09, LWS09, LXSH09].

threshold-type [JZK09]. **thresholding** [FP08, LM07a]. **Tight** [CS08, LL06].

Tikhonov [BJ07b, LR09, QWS09, RH09]. **Tikhonov-regularization** [BJ07b]. **tilings**

[Rho05]. **Time**
 [DDL07, FHtMP06, Lin09b, SZ08b, ARG08, AR09a, AFT⁺07, AS09b, AB07, AGH06, BGV⁺09, BS06, BB09a, Cas05, yCyZ08, yCyZ09, Che08, CEJ09, CH09, CP09b, DaC05, DFLP08, Dul08, EIM⁺09, EPS05, EBP09, FS07, FR07, FZL07, FG07, FL09c, GDM08, GSW07, GZL07, Gei08, GKMS09, GRW08, GAR07b, HY09a, HJK09, HLX06, He05, HRGD08, Hei05, HO06, HMG06, Hon07, HGS06, IV07, Jac06, JW08b, KGA08, KKW06, KS09, Koz08, Koz09, Kro06b, LS06a, LMZ08, LZY09, LY09, LZ09b, LZZD09, LN07b, LP09, LLT07, LC08c, LRB05, Ma06, MZC08, MS08a, MGMT06, Moh08, Nig07, PW08, PT08b, PRGPS09, PN06, PP09, QW06, Qiu07, RTGB09, RR06, RS05e, SG05, Sak05, Sak06, SST09, SW06a, SP06b, SC06a, SBO09, SF06, SL08, TCMS06, TYH08, TXZ09, VRL07, WLL07, Wan07a, WLF09, WJS⁺09]. **time** [XC08, XLHZ05, XW06, XX09, XGM09, Yas07, YJY06, YSYX08, YY07c, YW09b, YHH05, ZS05, ZZZ06, ZW09b, ZZL08, ZL09b]. **time-delay** [GSW07, HGS06]. **time-delays** [MZC08]. **time-dependent** [CEJ09, GRW08, JW08b, KGA08, KKW06, LC08c, Ma06, Nig07, PRGPS09, PP09]. **time-discrete** [Kro06b]. **Time-discretization** [SZ08b]. **time-domain** [CH09, Dul08, GZL07, Hei05]. **time-extrapolated** [FZL07]. **time-fractional** [AR09a, GAR07b]. **Time-harmonic** [DDL07, DFLP08, LN07b]. **time-independent** [Nig07]. **time-periodic** [RR06]. **time-splitting** [BB09a, Wan07a, ZZZ06]. **time-stepping** [LS06a, SW06a]. **time-varying** [FG07, LMZ08, LZY09, LY09, PT08b, PN06, SC06a, TXZ09, YSYX08]. **times** [ST05, WWP09]. **Timoshenko** [LLzS07]. **tip** [WCL08]. **tips** [Kru05]. **Toda** [BG07b, CK07, WHG07]. **Toeplitz** [LHL11, AEBEK09, ÁNPQ05, BGGC07, DHM07, GT09, KV05, MGS08, NP07, TM09, WL09a]. **tolerance** [CGPM08, CPM⁺05]. **tomography** [Qui07]. **topics** [Art09]. **topographies** [AMO07, AMO08]. **topological** [AHM09, Aki08, Aki09, FHL07, Gu07, HO07]. **topologies** [Sal09]. **topology** [DMZ08]. **TOPSIS** [Iza09]. **tori** [RD08]. **Total** [JSS07, HL08, MV05a, Pit09, WC07, WA08]. **Totally** [CGP07]. **toxic** [LC09a]. **trace** [How09b]. **trace-free** [How09b]. **tracking** [HPS06, JKM07]. **trade** [NSK09]. **trade-off** [NSK09]. **traditional** [NP06]. **traffic** [BNP07, HKS07]. **trains** [CHLW08]. **trajectory** [GF08, LFS08, LFW09]. **transaction** [JRM09]. **transcription** [CM07]. **Transfer** [KM06, Den09, Eds09, GS07a, GKMS09, HeM05, Lan05, WLMS08, ZGV06]. **transform** [CDM07a, CZ08a, CDMR07, CDM07b, EM08c, EK07, HV06c, Jan09, KM09a, KR08, LÁH08, LM08, TRST09, TX07, ZYLY09, dB05b, vdBHPS07]. **transformation** [BD07, CEF08, Eba09, Ehr06, EJ07, Koç08b, LO08, LZZ09, Mil09, MNMS05, NMMS05, NMM07, Par05b, Vul07, WHG07]. **Transformations** [CZ08b, Vid05, Ahm07, CMRS06, DHM07, GM09a, LV06, LV07, LW08b, SEAA08, Sid05, Sid08, Ter05, Wat06, Xia05]. **Transforming** [PC05, DK06a]. **transforms** [BNP06, MH08, MS08b, PK09a, PT08c]. **transient** [Alh06, KDN08, Ste07, TLQ08]. **transients** [AFT⁺06]. **transition** [DT06a, ÉT08, HS09a]. **transitions** [Min05]. **translation** [Xu05a]. **transmission** [DCZ07, MDP08, RS08a]. **transonic** [DRT09]. **Transport** [PP08, CJ09a, DP08b, MMM08]. **transportation** [CW08b, ZMAZ09]. **Transpose** [YB05]. **Transpose-free** [YB05]. **trapezoidal** [Rza09]. **trapped**

[KHWF09, MOZ07]. **traveling** [ZCH07]. **travelling** [CHL09, KBB05, LWW08]. **treatment** [ABD⁺05, CLGG09, DL08b, FS07, GM07c, Koi05, MDMRP09, RKAH07, SL09, WLK06, WKL06]. **tree** [FFK05, Koi05, LM08, NQDJ06, Sak09]. **tree-code** [Sak09]. **tree-structured** [LM08]. **Trefftz** [LLM08, Li07b]. **tri** [Yan06a, Zud07]. **tri-logarithms** [Zud07]. **tri-neuron** [Yan06a]. **triangle** [LW06a, Tay08]. **Triangular** [ZX06, Bi08a, CW08a, HW08, KMB09b, MS09b, Śmi07, XW09]. **triangulation** [LW06c, LLC08, WOK05]. **triangulation-based** [WOK05]. **triangulations** [BDS08, CHNZ08, DL05, Far06, MB06]. **tridiagonal** [ÁNPQ05, KT07b, MGS08, Ter05, dF07]. **Trigonometric** [GJ08, VV09b, DWW06, Han05, NSC07, Xu07b]. **trigonometrically** [FSW09, PS05]. **TRIOPT** [WOK05]. **Triple** [Hon07, Wei09, Sun08]. **trivariate** [LWC⁺06, SLMW06]. **true** [LB07]. **truncated** [BS07, BG07d, Moh09, ABG06a]. **truncated-CG** [ABG06a]. **truncations** [Zha07]. **trust** [MLY07, OZL09, QZZ08, QZY09, SS09c, SG08, SX09, SP09b, YLW09a, Zho09a, Zhu05a]. **trust-region** [QZZ08, YLW09a, Zhu05a]. **Tsuzuki** [WG09]. **tube** [WLMS08]. **tubes** [Dem07b]. **tubular** [HKB⁺05]. **tumour** [KS07f]. **Turán** [MS05a, MS07b]. **Turán-type** [MS05a, MS07b]. **turbomachines** [Las08]. **turbulent** [CdVT07, DFHS08, SSW09]. **turning** [AHC05, CWW08, MN07a, Yan06b]. **tutorial** [MGV07, Sau08, VRSS08]. **TVD** [TS06a]. **TVD-type** [TS06a]. **twice** [Hu05b]. **Two** [AS05a, CYB09, CHJL08, CV05a, DCZ07, Jan08, Kim05, lLpZ08, Spr06, TF07, Ter05, Wil06, WL07, ZZ08a, ZM09b, ZH09, AB09b, Ban05, BJ07a, BJ08, Bra07b, CFHM06, CM05b, CMST06, CCW⁺09, CKT09, CN07, CG07, DC08, Den07a, DMGVP05, DZ09b, DL07a, ER09, Ext99, FY06, FPP05a, FPP07, Fin07, Fra06, FT05, Fu08, Gao06, GZL07, GPP07, GEK09, GPTT05, GZ05, HS09a, HZBM06, HS07b, HK08, HVV09b, HYC05, HZ05, HV06c, JLR06, Jan09, JD05, JL06b, Joh05, KD05, KCK06, LWW08, LW06a, LW07, LH08a, LCYZ08, LBS09, LXUK06, LZ09d, LN07b, Lu07, LXSH09, MDT07, Maz06, MW08, MW09c, Mil06, Moh05, MS07c, MD09b, MS08b, NWW08, NaLH07, OS09, Rad05, RAG07, Roe08, SB09, SAHS09, Sav08, SSMB07, TRS07, TTZ06, Tan06, TS08, TG09, TRST09, TR07, TR08, Thi09, TG07]. **two** [TK07, TQA06, TANT09, VRBF07, Van07b, Van09, Ver06, WT07, WSM⁺09, WSPJ09, WLK06, WKL06, WWP⁺08, XZS07, XX09, Yan06b, ZS05, ZLY09, ZBL08, ZL07, ZL09b, ZKSS06, dMFPP07]. **Two-DCZ07**. **two-dimensional** [Ban05, Bra07b, DZ09b, DL07a, Gao06, HZBM06, HV06c, Jan09, JL06b, KCK06, LN07b, MDT07, MD09b, Rad05, Roe08, SAHS09, SSMB07, TTZ06, TS08, TG09, TRST09, TG07, TQA06, TANT09, VRBF07, WLK06, XZS07, XX09]. **two-directional** [LBS09]. **two-factor** [LCYZ08]. **two-fluid** [OS09]. **Two-frequency-dependent** [Kim05]. **Two-grid** [CYB09, CHJL08, DC08]. **Two-level** [lLpZ08, ZH09, MS07c]. **two-objective** [FY06]. **two-phase** [ER09, HS07b, TK07]. **Two-point** [Jan08, CM05b, CN07, CG07, DMGVP05, Fin07, HVV09b, Lu07, MW08, MW09c, WKL06]. **two-sided** [GPTT05, HYC05]. **two-space** [MS07c]. **two-stage** [Fu08, GPP07, JD05]. **two-step** [BJ07a, BJ08, Fra06, JLR06, KD05, LW07, Van07b, Van09, Ver06, WSPJ09]. **two-term** [Ext99, Mil06, Tan06]. **two-variable** [LW06a]. **Two-weight** [CV05a, Maz06]. **Twostep** [CX08]. **Twostep-by-twostep** [CX08]. **tying** [DB08]. **type**

[AEBEK09, AMG07, AABL08, AGRZ05, AGMMB05, BS08a, BB05, BFGP08, BdWG06, BBSV08, BGG07, CRS05, CFMR09, CC06a, CC08, CR09, CKC⁺07, CX06, CX07, CHS08, CZ08b, CX08, CD06, DL05, Dan06, EL07, ÉT08, ELA09b, FT08, FHH08, FLS08, FLS05, FL09b, FL09d, GU08, Gin08, GPRB05, GOT06, GMFB06, GS08, GO07, HWY09, Hoc08, Hom05, Hom09, HSL08, HZW08, HS05, IL05, JZK09, JK09, bJxC09, JKM09, Kam07, KG09, KTH08, KV07, KW09, Kor06, KMB09b, yL08, Lei08b, LHW07, LmY08, LH08b, LCH09, LKSC06, LY07b, Liu08a, LHR09, Ma08a, MB06, MLL07, Mai08a, MYY07, MP08b, MJ08b, Maz06, MLH08, ML09, MS05a, MS07b, NK08, OOO⁺07, Oou08, Par05b, Par07b, Par07a, Ped09, Pie09, Qiu07, RVA07a, RVA07b, sR07, RAG07, RS05d, Rza09, SHK⁺08, TS06a, TG09].

type [Tsi06, Van08, WHF07, WHG07, WHL08, WSM⁺09, XZZ09, XL07, ZYD07, ZJW08, Zha09b, ZT07, dB05c, dB05b, dB05a, jia09b, AHS08, Ant09, KSVW07, LWH09a, Slo08].

type-I [DL05]. **Type-I** [AHS08]. **type-II** [Slo08]. **types** [Gal09, LWW08, MB05, WF08].

Ulam [Par05c]. **ultra** [DM07b, HKM08]. **ultra-weak** [DM07b, HKM08]. **ultradiffusion** [Mar08]. **ultraparabolic** [Mar09]. **ultrashort** [KD05]. **ultrashort-pulsed** [KD05]. **ultraspherical** [DAE05]. **un-reliable** [KL08a]. **unbalanced** [EL06]. **Unbounded** [YOA06, CWMT07, EZ06, ELA09b, HZBM06, JM07a, JW08b, Moh07, ST07]. **uncertain** [GSW07, GVC⁺08, KRAH07, MZC08, Neu08, Par08b, PT08b]. **uncertainty** [CKC⁺07, KKS⁺07]. **unconfined** [KY07]. **Unconstrained** [BT09, And09b, DEMR08, LTW07, OZL09, QZZ08, QZY09, SG08, VL06, WYL09a,

YP08, YLW09b, Zha09b, ZZ09c]. **unconstricted** [Far06]. **undamped** [Yua08]. **underdetermined** [FKM05]. **undergoing** [FN09]. **underlying** [LWH09b]. **Understanding** [Maz08]. **underwater** [MOZ07]. **underwear** [LL06]. **Unified** [GM07c, WF08, BH07c]. **Uniform** [BR07b, BH07b, Dun06, HS09b, MM07, ZZ06b, AK07, BISS05b, BFGP08, NVD08, OS07c, SM09]. **uniformities** [FIR06]. **uniformization** [AKLT09]. **Uniformly** [LP06a, SH09, AU09, DF08, GL07, KGA08, RVAD08, ZLLW08]. **union** [PV09a]. **Unique** [Jai06]. **Uniqueness** [CLS08, TQA06, CXS06, DS07b, Fin08, HWY09, LFHW09, LJL06, MN07a, RLX08, ZL07, ZSZ09]. **unit** [BCGA05a, BR09, BDGV09, CBGV05, CBDGVN07a, CBDGVN07b, Ext99, Khr05, Mar07b, Mil06, PD06, Pet08, PVC06, VV09a]. **unit-linked** [VV09a]. **Unitary** [DV08b, DV08a, Gem05]. **units** [WY07, WYW08, WLL09]. **unity** [dB05b]. **Univalency** [BNP06]. **Univariate** [Liu06, CFL05, FDC08, GXZ06, Win06, dS07a]. **univexity** [Jay08, JK09]. **unknown** [DFY09, Luo06a, PS07b, Xu08]. **unreliable** [CKT09, TYH08]. **unstable** [Soh05]. **Unsteady** [ICW⁺09, eMH08, BeMBH06, DD08, DL07a, EKEHR08, KCK06, Kas06, Rad05, TG07, YXYJ06]. **unstructured** [GWG08, MK09, SS08, TS06a]. **unusual** [EMMP07, MS05b]. **UOBYQA** [VB05c]. **update** [Cho08]. **updated** [Wu08]. **updating** [XZL08, Yua08, YD09b, YD09a]. **Upper** [BS07, LOA05b, xMzY09, Mor07, YOA06, ZCL06, COEV05, DSW08, HYG08b, QGC08, Shi07, WYS09, YG09a]. **upwind** [DD08, WSST05, YLSX06]. **USAOR** [LH07b]. **use** [BCP07, Duf09, Gar07a, HKK07, Jay07, MD09b, Par07b, Par07a]. **used** [AMCM05, BBPR09, EJ07, FGRW09]. **uses** [CDMR07]. **Using** [Iza09, ZZ09b, AETE07a, Abb07b, AH07,

And09a, Asl10, Ass09b, BM08a, BS08a, BS09a, BP06, BDL09, BCK07, Bra07b, BKT07, BSS08, CGRGVP08, CHXL06, CN07, CS09b, CHV⁺08, DSI06, DM07b, DH09, DS09b, Dmi08, DFLP08, Dor09, DT06b, DMZ08, EM08c, Fin07, FL06b, FL08a, FHL07, GMFB06, HKB⁺05, HE06b, How09a, How09b, HLY09, JDG06, Jen07, Kan05, KJ09, KK06, KKLY06, KC07, KM09c, KLV09, LL01, LÁH08, LLD09, LB07, MJX09, MDT09, MSTT08, MJ08a, MJ08b, MD08, Mat08, MCA09, MR09, NMKS09, PLGS09, PSV08, RH06, SA09, SH06, SK09a, SA07b, SACJ09, Sto05b, TMOG07, TGB08b, VRBF07, VLR08, VVE08b, WY07, WGZ08, Wil07, Wil06, XHK⁺08, YW08, Yüc06, YKS09, YXYJ06, Yun05a, ZMAZ09].
utilizing [WWWF09]. **Uzawa** [Wan09b].

V [JK09]. **vacation** [KL08a, WCY09].
vacations [CK09b, TYH08]. **vaccination** [WJS⁺09]. **vacuum** [GKMS09, Yan06c].
validated [KKS⁺07, Pet09b, RO07].
validity [BDGV09, NSL07]. **Vallée** [MT05].
valuation [HLJ09]. **value** [AG09, AOSY05, ADGH06, AABL08, AM09b, AGH06, Att05, BN08a, BMfX07, CD05, CM05b, CMST06, CHCW05, CHS07, CT09a, CG07, DWW06, Dan06, DLG05, EGFOA09, FI07, FJG08, Fin07, GGG09, GJL08, HY09a, HLX06, He05, HVV09b, Hon07, Hug06, Jan08, JG09, Kar07, Kar09, Koh07, Lan06, LS06b, Li06b, LS07b, Li08, LFHW09, LS07c, LZ08a, LZ08b, LZ09b, LZ09c, LZW09, LM09a, LJL06, Liu08b, LLW09, Liu09d, Lu07, LYZ09, LHW08, xMzY09, MDT07, Mar07a, MD09a, Moh05, MD09b, NM06, NMMS05, NMM07, OYA07, PS07a, PS09a, PK09a, Pre08a, Sal09, SFSK07, SA08a, Spr06, Sto05a, Sun08, SLZA09, Tur06, Wan07c, WWC07, WG08, WZ08, WYS09, WSZ09, WLK06, WKL06, XWZH08, YOA06, YS07, YLN09, Yao09, YL09b, YCJ09, Zha09a, Zha05, ZCL06, ZC08a, ZLL08, dB05a].

value- [dB05a]. **valued** [DS05a, FKL05, GS08, GBR09, HyLC06, Kon07, LTY08, ZL09a, ZZ06c]. **values** [Ben07, CDL05, CD07b, CDMR07, Fin08, FV08, KMJ06, LvGJ06, MLY07, Pet07b, PR07]. **Valuing** [FL08a]. **valve** [VDV08].
Vandermonde [YH05, YWH05a, YWH05b].
Vandermonde-like [YH05, YWH05a, YWH05b]. **vane** [SS08].
vanishing [AK07]. **variability** [CT09b].
Variable [Dem07b, RVA07b, VAR06, BJ06, Bru09, CJCD06, CX07, IO06, IS06, JZK09, LW06a, LCYZ08, Moh05, SyS08, SJ09, Sic08, Sid05, Sid08, VL06, ZLYW09, AMG07].
variable-coefficient [IS06]. **variable-II** [AMG07]. **Variable-stepsize** [RVA07b].
variables [CM08, DA09, FPP05a, FPP07, KKLM06, Lin09a, LB07, NWW08, RAG07, Xu05a, dMFPP07]. **variably** [Zad09].
variance [CT09a, YA08]. **variant** [KI08, LmY08, MZW06, RT08, RH09, ZZ09a].
Variants [Ban05, KLW07b, Kou08, YLS07, ZBL08].
variation [Bin07, HSN09, KI08].
Variational [AS05b, He07, Lu07, Swe07b, XHW07, AETE07a, AETE07b, Abb07a, Abb07b, AU09, Bno07a, Bno07b, CY08a, CAY09, Che09, CMM09, Dai09, DM07b, DS08, Din05a, Din05b, DF08, DMZ08, FPS08, FD09, Fu08, GS07a, GJM07, Gon06, Han08, He06a, HLH07, IO06, Kaz06, KBA09, Ker09, KP08a, KP08b, Kro06b, LmY08, lLpZ08, LH09, Mat07b, PT09b, PZ08, Pet09a, QCK09a, RCR05, SA07b, Swe07a, TD07, TY07a, Waz07a, Waz07b, XH08, YH09b, YKS09, ZL09a]. **variational-like** [Dai09]. **variationally** [AR09b].
variationally-posed [AR09b]. **variety** [Wan08b]. **Various** [Las09]. **varying** [BJK09, DaC05, FG07, KT09, LMZ08, LZY09, LY09, PT08b, PN06, SC06a, TXZ09, YSYX08, YY07c]. **Vector** [CZ08a, KA07, AD09, And09b, AKLT09, DS05b, EL06, KKLM06, KP08b, LCKK06,

LCA07, Min05, TMOG07, VV05b, ZZ06c].
vector-valued [ZZ06c]. **Vectorized** [Sha08]. **vectors** [HKZ09]. **vehicle** [EM09].
velocity [HPS06, How09b, TY05].
velocity-vorticity-pressure [TY05].
Venant [LP07a]. **Verification** [KLO08, HO07, Ko07, Kaw07, NHN07].
Verified [DL07b, NSS07, OOM⁺07, Pet07a, TF07].
Verifying [Enr06, Mar07b, MN07a].
version [ABG06b, IV07, Lin09b, RT09, XKF06, YG09b]. **versions** [KLS⁺07].
versus [GM06, NP06, Wod05]. **vertex** [Ber06a]. **vertex-centered** [Ber06a].
Vertical [AVMVMV08, Kas06, RK08a]. **via** [AHM09, ADDdM05, Cao08, CC05, CZ07, CMM09, DMM07, Eba09, GVC⁺08, Gem05, Gin05, GS08, HLF09, HY09b, JK07, JKM09, KSS07a, Koç08b, LSW09, LC08b, Maz08, PK06, Par09c, Pet08, SS09a, XXL08, Yam08, Yu06, ZW06a, ZW08, ZX06, ZTG09, ZA09].
Vibration [CHLW08, HGS08]. **vibrations** [Civ07, DFHS08, MD08]. **VIes** [CC09]. **VII** [NK08]. **VIM** [MNHA09]. **viral** [Wod05].
virtual [PLGS09]. **Virus** [Wod05, MSB05].
visco [NT08]. **visco-plastic** [NT08].
viscoelastic [BdAR08, CEJ09, FPS08, FH09b, How09a].
viscoelasticity [CFV06]. **viscometer** [FGRW09]. **viscoplastic** [CFHM06].
viscosity [CAY09]. **viscous** [CMM09, Deu07, Fai07, HeM05, MCA09, OA06, Sma05, VVE08b, Wat09].
visualization [SH06]. **Vlasov** [WO08].
Vleck [MBA09]. **VMS** [AM09a]. **VNS** [fLxXT08]. **Volterra** [Jan09, TSC10, AT09a, BM08a, BS08a, Bar09, Bru09, CRS05, CC06a, CC08, CCD09, CMR06, CMV09, CT09c, CD06, DFLV06, DL08c, Dio09, Ela09a, Gan07, GKM07, HZBM06, Hsi09, Ko07, LC09a, LJM09, LOZ08, LL07b, Ma08a, MJ09, MO07a, NPTH09, RZ07, RA07, Rob07, ST07, TRST09, WYL09b, Won09a, XWT09, YC06, jia09b].
Volterra-type [jia09b]. **Volume** [Ano05g, Ano05h, Ano05i, Ano05j, Ano05k, Ano05l, Ano05m, Ano08k, Ano08l, Ano09a, Ano09b, Ano09c, Ano09d, Ano09e, Ano09f, Ano09g, Ano09h, Ano09i, Ano09j, CGRGVP08, AT09b, ABF⁺07, Ano05b, Ano05c, Ano05d, Ano05e, Ano05f, Ano06b, Ano06c, Ano06d, Ano06e, Ano06a, Ano06m, Ano06f, Ano06g, Ano06h, Ano06i, Ano06j, Ano06k, Ano06l, Ano07a, Ano07b, Ano07c, Ano07d, Ano07e, Ano07f, Ano07g, Ano07h, Ano07i, Ano07j, Ano07k, Ano07l, Ano07m, Ano08a, Ano08b, Ano08c, Ano08d, Ano08e, Ano08f, Ano08g, Ano08h, Ano08i, Ano08j, BR07b, BG07c, CYB09, EPP⁺09, EMP08, HH07a, HK08, HCDP08, KL09, LY05a, MP06a, MS09c, SM07, TS08, VVE08a, VVE08b, YLC09].
volumes [Ano05a, Ano05-41, Ano06n, Ano06-38, Ano07n, Ano07-41, MDT09].
Voronoi [NSK07]. **vortex** [Sak09].
vorticity [TY05, YXYJ06]. **voting** [WYL08]. **VPAStab** [GM07b]. **Vries** [BBSV08, DA08, SWZ05]. **vulnerability** [CHBMBR07].
w.r.t [CE09]. **walk** [ARG08, CK08]. **walks** [Kan05, ST05, Tar09, TL07]. **wall** [BeMBH06]. **Wang** [WYL08]. **Warnaar** [RS05d]. **warping** [BGV⁺09]. **wastewater** [RKAH07]. **water** [AB07, CGRGVP08, QW06, SF08, WK08].
watermark [AA08]. **watermarking** [AAPP07]. **watermarks** [TND⁺09]. **waters** [AVMMS⁺06]. **wave** [AAK06, AE07, CHL09, CU09a, CU09b, DCZ07, Dor09, FZL07, Jen07, KM09a, KBB05, LWW08, Lai09a, Li06b, Li07a, Mat07b, PD06, Qin09, Swe07a, Tat06, ZCH07]. **waveform** [Dao07, WH09b]. **Wavelet** [BGV⁺09, BSKS07, FTT⁺05, KM09c, RW09, SJV⁺09, ZLdST09, AAPP07, AA08, BP06, BSS09, BK06, CS08, CHXL06, De 08, Gan08, GJ08, GPV05, GPS09, HV05, HV06c, LM07a, LM08, NQDJ06, XF07, ZZZ06].

Wavelet-based [BGV⁺09, SJV⁺09, ZLdST09, AAPP07, AA08, GPS09]. **Wavelet-like** [FTT⁺05]. **Wavelet-multigrid** [BSKS07]. **wavelet-packet** [HV06c]. **Wavelets** [CM08, BS09a, BSS08, Fer07, KJ09, KM09c, NS09b]. **Waves** [Dem07b, AG05, Ben06, DK06a, Dem07a, LmLgF09, LP07c, MOZ07, SC07a, WK08, WG06, ZP06, HH07c]. **way** [EZ07, Sen07]. **Weak** [BS09c, CJB06, FPP05a, Kom07a, Kom07b, Kom08, NS09c, PK09b, CL06a, CZ09, DM07b, DR08, FHH08, HKM08, MS09b, Sal09, SV07b, Toc09, VB05b]. **weak-star** [VB05b]. **weakly** [Bar09, CCD09, CT09c, DL08c, Dio09, GJ08, MJ09, OW06a, PS07a, PT06, PT08a, TRS07]. **weakly-nonlinear** [OW06a]. **Weibull** [MJB09]. **Weierstrass** [Bra07a]. **weight** [CV05a, ELA09b, Gau05a, HS05, Maz06, MC05b, WLL09, Xie08]. **weight-function** [HS05]. **Weighted** [KKD06, OMV09, ZLDW09, BNP06, BH07b, Cim08, Cou09, dCDND06, GS06c, KJ09, MJB09, MLY07, OYA07, Sin09, ZH08, ZSWL09]. **weighting** [MLL09]. **weights** [DJ05, JS08, KT09, MP08a, MOC09, PR07]. **Weir** [LTY08]. **Weitzner** [WWZY09]. **Well** [Zud05, ABL07, CJ07, GF08, UFG09, WS08, YG09a]. **well-conditioned** [ABL07]. **well-distributed** [UFG09]. **well-ordered** [YG09a]. **Well-poised** [Zud05, CJ07]. **Wellposedness** [Hug06]. **wells** [LFS08, LFW09]. **Wendroff** [Qiu07]. **WENO** [CD07a, Qiu07]. **where** [DA09]. **which** [CDMR07, HLF09, KCS06, Vil09]. **White** [CX06]. **Whittaker** [LVV05]. **Wick** [CX06, CX07, Gin08, MSZ07]. **Wick-stochastic** [MSZ07]. **Wick-type** [CX06, CX07]. **Widom** [DIKZ07]. **Wiener** [Kom08]. **Wills** [Bak05]. **Wilson** [Koo07, LHL09, VZ08]. **wind** [dCDND06, RCR05]. **window** [XTZ06]. **wing** [UHNC09]. **wire** [FTT⁺05].

WITHDRAWN [KYF05b]. **within** [FS07, UHNC09]. **without** [GA09, Hui07, JTHZ05, Liu07, LGYH09, MNG09, WCH05, Yi09]. **words** [SVC09]. **working** [bJxC09, WCY09]. **Wright** [MP07]. **write** [ACV05]. **Wu** [Yun08b].

XFE [WDC⁺08].

years [Bin07, Sim07a].

Zakharov [Bat08, MNHA09, WCZ07]. **Zernike** [Tor08, Wün05]. **Zero** [NP06, Osa06, Osa07, PM05]. **zero-finding** [Osa07, PM05]. **Zero-structured** [NP06]. **Zeros** [ADGR06, DJ09, FDC08, FS08, MOC09, BG07d, DR09, DJ07b, FHL07, GG07, GK09, JT09a, JT09b, Kra06, Lin07, MMFMG07, MBA09, MB05, MB07b, NSS07, PIP07, Pet09b, SA07a, Vol08, vDvFZ09, vDvFZ13]. **Zeta** [Dun06, Cof08, Cof09a, FV08]. **Zhiber** [CHL09]. **Zones** [Kál05].

References

Agreste:2008:NAP

[AA08]

Santa Agreste and Guido Andaloro. A new approach to pre-processing digital image for wavelet-based watermark. *Journal of Computational and Applied Mathematics*, 221(2):274–283, November 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005602>

Adell:2009:IMG

[AA09a]

José A. Adell and Horst Alzer. Inequalities for the median of the gamma distribu-

- tion. *Journal of Computational and Applied Mathematics*, 232(2):481–495, October 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003811> ■
- [AA09b] **Amador:2009:MGR**
J. Amador and J. R. Artales. The M/G/1 retrial queue: new descriptors of the customer’s behavior. *Journal of Computational and Applied Mathematics*, 223(1):15–26, January 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707006541> ■
- [AÁN07] **Alfaró:2007:CCO**
M. Alfaro and R. Álvarez-Nodarse. A characterization of the classical orthogonal discrete and q -polynomials. *Journal of Computational and Applied Mathematics*, 201(1):48–54, April 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003493> ■
- [AABL08] **Alarcon:2008:STM**
Virginia Alarcón, Sergio Amat, Sonia Busquier, and David J. López. A Steffensen’s type method in Banach spaces with applications on boundary-value problems. *Journal of Computational and Applied Mathematics*, 216(1):243–250, June 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002336> ■
- [AAPP07] **Agreste:2007:IAW**
Santa Agreste, Guido Andaloro, Daniela Prestipino, and Luigia Puccio. An image adaptive, wavelet-based watermarking of digital images. *Journal of Computational and Applied Mathematics*, 210(1–2):13–21, December 31, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S03770427060077X> ■
- [AAK06] **Allan:2006:AAS**
Fathi M. Allan and Kamel Al-Khaled. An approximation of the analytic solu-
- [AAR09] **Alodat:2009:SGR**
M. T. Alodat and M. Y. Al-Rawwash. Skew-Gaussian random field. *Journal*

- of *Computational and Applied Mathematics*, 232(2): 496–504, October 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003823>. **Akhmet:2006:PTL** [AB09a]
- [AAZ06] M. U. Akhmet, J. Alzabut, and A. Zafer. Perron’s theorem for linear impulsive differential equations with distributed delay. *Journal of Computational and Applied Mathematics*, 193(1): 204–218, August 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003882>. **An:2005:DSM** [AB09b]
- [AB05] Heng-Bin An and Zhong-Zhi Bai. Directional secant method for nonlinear equations. *Journal of Computational and Applied Mathematics*, 175(2):291–304, March 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270400233X>. **Ambati:2007:STD** [AB07]
- [AB07] V. R. Ambati and O. Bokhove. [Abb07a] Space-time discontinuous Galerkin finite element method for shallow water flows. *Journal of Computational and Applied Mathematics*, 204(2):452–462, July 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003724>. **Andersen:2009:QHM**
- Jørgen Ellegaard Andersen and Christian Berg. Quantum Hilbert matrices and orthogonal polynomials. *Journal of Computational and Applied Mathematics*, 233(3): 723–729, December 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001186>. **Ayyad:2009:FAT**
- Y. Ayyad and M. Barbotou. Formulation and analysis of two energy-consistent methods for nonlinear elastodynamic frictional contact problems. *Journal of Computational and Applied Mathematics*, 228(1):254–269, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004731>. **Abbasbandy:2007:ASN**
- S. Abbasbandy. An approximation solution of a nonlinear equation with Riemann–Liouville’s fractional derivatives by He’s variational it-

- eration method. *Journal of Computational and Applied Mathematics*, 207(1): 53–58, October 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004602>. ■
- [Abb07b] **Abbasbandy:2007:NAH**
S. Abbasbandy. A new application of He’s variational iteration method for quadratic Riccati differential equation by using Adomian’s polynomials. *Journal of Computational and Applied Mathematics*, 207(1):59–63, October 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004614>. ■
- [ABB⁺07c] **Amat:2007:SAP**
S. Amat, C. Bermúdez, S. Busquier, J. Carrasco, and S. Plaza. Super-attracting periodic orbits for a classical third order method. *Journal of Computational and Applied Mathematics*, 206(1): 599–602, September 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004869>. ■
- [ABB⁺07d] **Anconelli:2007:IMR**
B. Anconelli, M. Bertero, P. Boccacci, M. Carbillet, and
- H. Lanteri. Iterative methods for the reconstruction of astronomical images with high dynamic range. *Journal of Computational and Applied Mathematics*, 198(2): 321–331, January 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500717X>. ■
- [ABB07e] **Andrew:2007:RAM**
Sarah M. Andrew, Christopher T. H. Baker, and Genady A. Bocharov. Rival approaches to mathematical modelling in immunology. *Journal of Computational and Applied Mathematics*, 205(2):669–686, August 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600392X>. ■
- [ABBM09] **Amat:2009:FHC**
Sergio Amat, Concepción Bermúdez, Sonia Busquier, and Driss Mestiri. A family of Halley–Chebyshev iterative schemes for non-Fréchet differentiable operators. *Journal of Computational and Applied Mathematics*, 228(1):486–493, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004627>. ■

- [ABÇ06] **Albrecher:2006:ASC**
 Hansjörg Albrecher, Rainer E. Burkard, and Eranda Çela. An asymptotical study of combinatorial optimization problems by means of statistical mechanics. *Journal of Computational and Applied Mathematics*, 186(1):148–162, February 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001949>.
- [ABD+05] **Adams:2005:HDM**
 B. M. Adams, H. T. Banks, M. Davidian, Hee-Dae Kwon, H. T. Tran, S. N. Wynne, and E. S. Rosenberg. HIV dynamics: Modeling, data analysis, and optimal treatment protocols. *Journal of Computational and Applied Mathematics*, 184(1):10–49, December 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000592>.
- [Abd08] **Abdou:2008:IGE**
 M. A. Abdou. An improved generalized F -expansion method and its applications. *Journal of Computational and Applied Mathematics*, 214(1):202–208, April 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001082>.
- [ABD+09] **Antonelli:2009:DCS**
 Laura Antonelli, Paola Belardini, Pasqua D’Ambra, Francesco Gregoretti, and Gennaro Oliva. A distributed combustion solver for engine simulations on grids. *Journal of Computational and Applied Mathematics*, 226(2):197–204, April 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004007>.
- [ABET08] **Amat:2008:LIC**
 Sergio Amat, Sonia Busquier, Antonio Escudero, and J. Carlos Trillo. Lagrange interpolation for continuous piecewise smooth functions. *Journal of Computational and Applied Mathematics*, 221(1):47–51, November 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005237>.
- [ABF+07] **Alessandrini:2007:EVH**
 G. Alessandrini, A. Bilotta, G. Formica, A. Morassi, E. Rosset, and E. Turco. Evaluating the volume of a hidden inclusion in an elastic body. *Journal of Computational and Applied Mathematics*, 198(2):288–306, January

15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007156>.

Absil:2006:TCS

[ABG06a]

P.-A. Absil, C. G. Baker, and K. A. Gallivan. A truncated-CG style method for symmetric generalized eigenvalue problems. *Journal of Computational and Applied Mathematics*, 189(1–2):274–285, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006163>.

Amat:2006:AVF

[ABG06b]

Sergio Amat, Sonia Busquier, and José M. Gutiérrez. An adaptive version of a fourth-order iterative method for quadratic equations. *Journal of Computational and Applied Mathematics*, 191(2):259–268, July 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005546>.

Amat:2008:GCC

[ABGH08]

S. Amat, S. Busquier, J. M. Gutiérrez, and M. A. Hernández. On the global convergence of Chebyshev’s iterative method. *Journal of Computational and Applied Mathematics*,

220(1–2):17–21, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003913>.

Annaby:2007:STB

M. H. Annaby, J. Bustoz, and M. E. H. Ismail. On sampling theory and basic Sturm–Liouville systems. *Journal of Computational and Applied Mathematics*, 206(1):73–85, September 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003827>.

Alouges:2007:SWC

F. Alouges, S. Borel, and D. P. Levadoux. A stable well-conditioned integral equation for electromagnetism scattering. *Journal of Computational and Applied Mathematics*, 204(2):440–451, July 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003712>.

Amat:2006:CAP

S. Amat, Sonia Busquier, and S. Plaza. A construction of attracting periodic orbits for some classical third-order iterative methods. *Journal of Computational and Applied Mathematics*, 189

- (1–2):22–33, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001342>.
Araya:2008:ASF
- [ABP08] Rodolfo Araya, Gabriel R. Barrenechea, and Abner Poza. An adaptive stabilized finite element method for the generalized Stokes problem. *Journal of Computational and Applied Mathematics*, 214(2):457–479, May 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001409>.
Araya:2007:EEA
- [ABR07] Rodolfo Araya, Edwin Behrens, and Rodolfo Rodríguez. Error estimators for advection–reaction–diffusion equations based on the solution of local problems. *Journal of Computational and Applied Mathematics*, 206(1):440–453, September 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004900>.
Ansari:2007:PRF
- [ABS07] A. R. Ansari, S. A. Bakr, and G. I. Shishkin. A parameter-robust finite difference method for singularly perturbed delay parabolic partial differential equations. *Journal of Computational and Applied Mathematics*, 205(1):552–566, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003384>.
Amat:2006:NHM
- [ABT06] Sergio Amat, S. Busquier, and J. C. Trillo. Non-linear Harten’s multiresolution on the quincunx pyramid. *Journal of Computational and Applied Mathematics*, 189(1–2):555–567, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001433>.
Ashyraliyev:2008:NSD
- [ABV08] M. Ashyraliyev, J. G. Blom, and J. G. Verwer. On the numerical solution of diffusion–reaction equations with singular source terms. *Journal of Computational and Applied Mathematics*, 216(1):20–38, June 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002051>.
Argyros:2009:IIP
- [ACQ09] Ioannis K. Argyros, Yeol Je Cho, and Xiaolong Qin.

- On the implicit iterative process for strictly pseudo-contractive mappings in Banach spaces. *Journal of Computational and Applied Mathematics*, 233(2):208–216, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004117> [ACWL07]
- [ACR06] Soyoung Ahn, U. Jin Choi, and Alexander G. Ramm. A scheme for stable numerical differentiation. *Journal of Computational and Applied Mathematics*, 186(2): 325–334, February 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000610> [AD05]
- [ACV05] Iñigo Arregui, J. Jesús Cendán, and Carlos Vázquez. A duality method for the compressible Reynolds equation. Application to simulation of read/write processes in magnetic storage devices. *Journal of Computational and Applied Mathematics*, 175(1):31–40, March 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704002481> [AD09]
- [Arden:2007:CMH] S. Arden, S. N. Chandler-Wilde, and S. Langdon. A collocation method for high-frequency scattering by convex polygons. *Journal of Computational and Applied Mathematics*, 204(2):334–343, July 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600361X>
- [Ahn:2006:SSN] Soyoung Ahn, U. Jin Choi, and Alexander G. Ramm. A scheme for stable numerical differentiation. *Journal of Computational and Applied Mathematics*, 186(2): 325–334, February 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000610>
- [Amiraliyev:2005:NPS] G. M. Amiraliyev and Hakki Duru. A note on a parameterized singular perturbation problem. *Journal of Computational and Applied Mathematics*, 182(1): 233–242, October 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704006132>
- [Al-Dosary:2009:PFM] Khalil I. T. Al-Dosary. Period function monotonicity of planar vector fields. *Journal of Computational and Applied Mathematics*, 224(1): 405–414, February 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002471>

- [ADD⁺08] **Amat:2008:EBC**
 S. Amat, K. Dadourian, R. Donat, J. Liandrat, and J. C. Trillo. Error bounds for a convexity-preserving interpolation and its limit function. *Journal of Computational and Applied Mathematics*, 211(1):36–44, January 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006935>.
- [ADGH06] **Ahcan:2006:CCB**
 Ales Ahcan, Grzegorz Darkiewicz, Marc Goovaerts, and Tom Hoedemakers. Computation of convex bounds for present value functions with random payments. *Journal of Computational and Applied Mathematics*, 186(1):23–42, February 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001871>.
- [ADDdM05] **Avellar:2005:IFO**
 J. Avellar, L. G. S. Duarte, S. E. S. Duarte, and L. A. C. P. da Mota. Integrating first-order differential equations with Liouvillian solutions via quadratures: a semi-algorithmic method. *Journal of Computational and Applied Mathematics*, 182(2):327–332, October 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704006326>.
- [ADGR06] **Area:2006:ZJF**
 Iván Area, Dimitar K. Dimitrov, Eduardo Godoy, and André Ronveaux. Zeros of Jacobi functions of second kind. *Journal of Computational and Applied Mathematics*, 188(1):65–76, April 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001615>.
- [ADF07] **Aimi:2007:NAS**
 A. Aimi, M. Diligenti, and F. Freddi. Numerical aspects in the SGBEM solution of softening cohesive interface problems. *Journal of Computational and Applied Mathematics*, 210(1–2):22–33, December 31, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001615>.
- [ADLT09] **Andriopoulos:2009:SAC**
 K. Andriopoulos, S. Dimas, P. G. L. Leach, and D. Tsubelis. On the systematic approach to the classification of differential equations by group theoretical methods. *Journal of Computational and Applied Mathematics*, 221(1–2):1–12, December 31, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001615>.

- Solving nonlinear partial differential equations using the modified variational iteration Padé technique. *Journal of Computational and Applied Mathematics*, 207(1):73–91, October 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004638>. [AFT⁺07]
- Ala:2007:CMP**
- G. Ala, E. Francomano, A. Tortorici, E. Toscano, and F. Viola. Corrective meshless particle formulations for time domain Maxwell's equations. *Journal of Computational and Applied Mathematics*, 210(1–2):34–46, December 31, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006455>. [AFT⁺07]
- Abassy:2007:TMV**
- [AETE07b] Tamer A. Abassy, Magdy A. El-Tawil, and H. El Zoheiry. Toward a modified variational iteration method. *Journal of Computational and Applied Mathematics*, 207(1):137–147, October 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004699>. [AG05]
- Ala:2006:SPE**
- [AFT⁺06] G. Ala, E. Francomano, A. Tortorici, E. Toscano, and F. Viola. Smoothed particle ElectroMagnetics: a mesh-free solver for transients. *Journal of Computational and Applied Mathematics*, 191(2):194–205, July 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005480>. [AG06]
- Amdjadi:2005:SWS**
- Faridon Amdjadi and Jagnathan Gomatam. Spiral waves on static and moving spherical domains. *Journal of Computational and Applied Mathematics*, 182(2):472–486, October 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704006430>. [AG05]
- Aguilar:2006:AMR**
- Juan C. Aguilar and Jonathan B. Goodman. Anisotropic mesh refinement for finite element methods based on error reduction. *Journal of Computational and Applied Mathematics*, 193(2):497–515, September 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004280>. [AG06]

- [AG09] **Abid:2009:MSI**
 Fathi Abid and Dorra Guer-mazi. Multi-stage IT project evaluation: the flexibility value obtained by implementing and resolving Berk, Green and Naik (2004) model. *Journal of Computational and Applied Mathematics*, 233(1): 73–82, November 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002118>■
- [AGH06] **Anderson:2006:HOS**
 Douglas R. Anderson, Gusein Sh. Guseinov, and Joan Hoffacker. Higher-order self-adjoint boundary-value problems on time scales. *Journal of Computational and Applied Mathematics*, 194(2): 309–342, October 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004760>■
- [AGM06] **Aceto:2006:NCE**
 L. Aceto, P. Ghelardoni, and M. Marletta. Numerical computation of eigenvalues in spectral gaps of Sturm–Liouville operators. *Journal of Computational and Applied Mathematics*, 189(1–2):453–470, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004760>■
- [AGM09] **Abebe:2009:FSP**
 Eyuel Abebe, Jameson Graber, and Charles N. Moore. Fourier series and the δ^2 process. *Journal of Computational and Applied Mathematics*, 224(1):146–151, February 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001854>■
- [AGMMB05] **Area:2005:SOP**
 I. Area, E. Godoy, F. Marcellán, and J. J. Moreno-Balcázar. Δ -Sobolev orthogonal polynomials of Meixner type: asymptotics and limit relation. *Journal of Computational and Applied Mathematics*, 178(1–2):21–36, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270400384X>■
- [AGRZ05] **Area:2005:HTD**
 I. Area, E. Godoy, A. Ronveaux, and A. Zarzo. Hypergeometric type q -difference equations: Rodrigues type representation for the second kind solution. *Journal of Computational and Applied Mathematics*, 173(1):81–92, January 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S03770427050021X>■

0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704001359> ■

Area:2006:ESR

[AGRZ06]

I. Area, E. Godoy, A. Ronveaux, and A. Zarzo. Extensions of some results of P. Humbert on Bezout's identity for classical orthogonal polynomials. *Journal of Computational and Applied Mathematics*, 196(1): 212–228, November 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005595> ■

Al-Homidan:2007:SHM

[AH07]

Suliman Al-Homidan. Solving Hankel matrix approximation problem using semidefinite programming. *Journal of Computational and Applied Mathematics*, 202(2):304–314, May 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001415> ■

Al-Hayani:2005:ADM

[AHC05]

Waleed Al-Hayani and Luis Casasús. The Adomian decomposition method in turning point problems. *Journal of Computational and Applied Mathematics*, 177(1):187–203, May 1, 2005. [AHM08]

CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004224> ■

Agrawal:2005:BGC

M. R. Agrawal, P. G. Howlett, S. K. Lucas, S. Naik, and S. Ponnusamy. Boundedness of generalized Cesàro averaging operators on certain function spaces. *Journal of Computational and Applied Mathematics*, 180(2): 333–344, August 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005266> ■

Ahmed:2007:NSA

S. G. Ahmed. A new semi-analytical method for phase transformations in binary alloys. *Journal of Computational and Applied Mathematics*, 206(1):409–419, September 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004870> ■

Abdulaziz:2008:AHP

O. Abdulaziz, I. Hashim, and S. Momani. Application of homotopy-perturbation method to fractional IVPs. *Journal of Computational and Applied Mathematics*,

- 216(2):574–584, July 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003081> ■
- [AHM09] **Abdelwahed:2009:CMA** [AI06] M. Abdelwahed, M. Hassine, and M. Masmoudi. Control of a mechanical aeration process via topological sensitivity analysis. *Journal of Computational and Applied Mathematics*, 228(1):480–485, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004226> ■
- [AHS07] **Adimurthi:2007:P** [AK07] A. Adimurthi, S. B. Hazra, and V. Schulz. Preface. *Journal of Computational and Applied Mathematics*, 203(2):309, June 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002147> ■
- [AHS08] **Ahmad:2008:SOD** I. Ahmad, Z. Husain, and Sarita Sharma. Second-order duality in nondifferentiable minmax programming involving Type-I functions. *Journal of Computational and Applied Mathematics*, 215(1):91–102, May 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002013> ■
- Alsmeyer:2006:RSR** Gerold Alsmeyer and Albrecht Irlé. Runs in superpositions of renewal processes with applications to discrimination. *Journal of Computational and Applied Mathematics*, 186(1):283–299, February 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002013> ■
- Appleby:2007:SOU** John A. D. Appleby and Cónall Kelly. Spurious oscillation in a uniform Euler discretisation of linear stochastic differential equations with vanishing delay. *Journal of Computational and Applied Mathematics*, 205(2):923–935, August 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004134> ■
- [AK09] **Antal:2009:MIS** István Antal and János Karátson. Mesh independent superlinear convergence of an inner-outer iterative method for semilinear elliptic interface problems. *Journal of Computational and*

- Applied Mathematics*, 226 (2):190–196, April 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003993>. [AKL05]
- Akin:2008:TEI**
- [Aki08] Hasan Akin. The topological entropy of invertible cellular automata. *Journal of Computational and Applied Mathematics*, 213(2):501–508, April 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000684>. [AKL09]
- Akin:2009:TDE**
- [Aki09] Hasan Akin. On the topological directional entropy. *Journal of Computational and Applied Mathematics*, 225(2):459–466, March 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004184>.
- Al-Kurdi:2006:DIR**
- [AKK06] Ahmad Al-Kurdi and David R. Kincaid. *LU*-decomposition with iterative refinement for solving sparse linear systems. *Journal of Computational and Applied Mathematics*, 185(2):391–403, January 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001226>. [AKW05]
- Anguelov:2005:NSF**
- R. Anguelov, P. Kama, and J. M.-S. Lubuma. On non-standard finite difference models of reaction–diffusion equations. *Journal of Computational and Applied Mathematics*, 175(1):11–29, March 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704002419>.
- Aptekarev:2009:EVP**
- A. I. Aptekarev, V. A. Kalyagin, V. G. Lysov, and D. N. Toulyakov. Equilibrium of vector potentials and uniformization of the algebraic curves of genus 0. *Journal of Computational and Applied Mathematics*, 233(3):602–616, December 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001022>.
- Auzinger:2005:EMS**
- W. Auzinger, O. Koch, and E. Weinmüller. Efficient mesh selection for collocation methods applied to singular BVPs. *Journal of Computational and Applied Mathematics*, 180(1):213–227, August 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-

- 1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005084>. ■
- [Alh06] **Alhumaizi:2006:MCM**
 Khalid Alhumaizi. A moving collocation method for the solution of the transient convection–diffusion–reaction problems. *Journal of Computational and Applied Mathematics*, 193(2): 484–496, September 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004279>. ■
- [Alz06] **Alz06]**
 Horst Alzer. Inequalities involving $\Gamma(x)$ and $\Gamma(1/x)$. *Journal of Computational and Applied Mathematics*, 192(2):460–480, August 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003742>. ■
- [Alo07] **Alolyan:2007:NET**
 Ibraheem Alolyan. A new exclusion test for finding the global minimum. *Journal of Computational and Applied Mathematics*, 200(2): 491–502, March 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000306>. ■
- [AM09a] **Aceto:2009:RBB**
 L. Aceto and C. Magherini. On the relations between B_2 VMs and Runge–Kutta collocation methods. *Journal of Computational and Applied Mathematics*, 231(1): 11–23, September 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000363>. ■
- [ALR05] **Andreev:2005:PHO**
 A. B. Andreev, R. D. Lazarov, and M. R. Racheva. Postprocessing and higher order convergence of the mixed finite element approximations of biharmonic eigenvalue problems. *Journal of Computational and Applied Mathematics*, 182(2): 333–349, October 15, 2005. ■
- [AM09b] **Allouche:2009:NSS**
 H. Allouche and N. Marhraoui. Numerical solution of singular regular boundary value problems by pole detection with qd-algorithm. *Journal of Computational and Applied Mathematics*, 233(2): 420–436, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000363>. ■

(electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004403>■

Alonso-Mallo:2005:ORH

[AMCM05]

I. Alonso-Mallo, B. Cano, and M. J. Moreta. Order reduction and how to avoid it when explicit Runge–Kutta–Nyström methods are used to solve linear partial differential equations. *Journal of Computational and Applied Mathematics*, 176(2):293–318, April 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003395>■

Alonso-Mallo:2006:SRK

[AMCM06]

I. Alonso-Mallo, B. Cano, and M. J. Moreta. Stability of Runge–Kutta–Nyström methods. *Journal of Computational and Applied Mathematics*, 189(1–2):120–131, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000178>■

Adimurthi:2007:CLF

[AMG07]

Adimurthi, Siddhartha Mishra, and G. D. Veerappa Gowda. Conservation law with the flux function discontinuous in the space variable-II: Convex-concave type fluxes and generalized entropy solutions. *Journal of Compu-*

tational and Applied Mathematics, 203(2):310–344, June 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002172>■

Aahlander:2006:EEM

[ÅMK06]

Krister Åhlander and Hans Munthe-Kaas. Eigenvalues for equivariant matrices. *Journal of Computational and Applied Mathematics*, 192(1):89–99, July 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003109>■

An:2007:CFT

Heng-Bin An, Ze-Yao Mo, and Xing-Ping Liu. A choice of forcing terms in inexact Newton method. *Journal of Computational and Applied Mathematics*, 200(1):47–60, March 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007958>■

Arima:2007:CAF

T. Arima, Y. Matsuura, and S. Oharu. Computation of air flows and motion of environmental pollutants over complex geographical topographies. *Journal of Computational and Applied Mathe-*

matics, 204(1):187–196, July 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002512>. See erratum [AMO08].

Arima:2008:ECA

[AMO08] T. Arima, Y. Matsuura, and S. Oharu. Erratum to “Computation of air flows and motion of environmental pollutants over complex geographical topographies”: [J. Comput. Appl. Math. **204**(1) 187–196]. *Journal of Computational and Applied Mathematics*, 220(1–2): 759–761, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002567>. See [AMO07].

Anastasiadis:2006:ISB

[AMV06] Aristoklis D. Anastasiadis, George D. Magoulas, and Michael N. Vrahatis. Improved sign-based learning algorithm derived by the composite nonlinear Jacobi process. *Journal of Computational and Applied Mathematics*, 191(2):166–178, July 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005467>.

Alvarez-Nodarse:2006:CCP

R. Álvarez-Nodarse. On characterizations of classical polynomials. *Journal of Computational and Applied Mathematics*, 196(1): 320–337, November 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005662>.

Andersson:2008:MSC

Anders Andersson. A modified Schwarz–Christoffel mapping for regions with piecewise smooth boundaries. *Journal of Computational and Applied Mathematics*, 213(1):56–70, March 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000052>.

Andersson:2009:MSC

Anders Andersson. Modified Schwarz–Christoffel mappings using approximate curve factors. *Journal of Computational and Applied Mathematics*, 233(4):1117–1127, December 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709006281>.

[ÁN06]

[And08]

[And09a]

- [And09b] **Andrei:2009:ACG**
 Neculai Andrei. Accelerated conjugate gradient algorithm with finite difference Hessian/vector product approximation for unconstrained optimization. *Journal of Computational and Applied Mathematics*, 230(2):570–582, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708006523>.
- [Ano05a] **Anonymous:2005:AIVi**
 Anonymous. Author index 10 volumes. *Journal of Computational and Applied Mathematics*, 180(2):481–492, August 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002736>.
- [Ano05b] **Anonymous:2005:AIVh**
 Anonymous. Author index volume. *Journal of Computational and Applied Mathematics*, 180(2):479–480, August 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002724>.
- [Ano05c] **Anonymous:2005:AIVj**
 Anonymous. Author index volume. *Journal of Computational and Applied Mathematics*, 181(2):473–474, September 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003262>.
- [Ano05d] **Anonymous:2005:AIVk**
 Anonymous. Author index volume. *Journal of Computational and Applied Mathematics*, 182(2):487–488, October 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003468>.
- [Ano05e] **Anonymous:2005:AIVl**
 Anonymous. Author index volume. *Journal of Computational and Applied Mathematics*, 183(2):358–359, November 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004450>.
- [Ano05f] **Anonymous:2005:AIVm**
 Anonymous. Author index volume. *Journal of Computational and Applied Mathematics*, 184(2):538–539, December 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500508X>.

- [Ano05g] **Anonymous:2005:AIVa**
 Anonymous. Author index volume 173 (2005). *Journal of Computational and Applied Mathematics*, 173(2): 397–398, January 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004868>.
- [Ano05h] **Anonymous:2005:AIVb**
 Anonymous. Author index volume 174 (2005). *Journal of Computational and Applied Mathematics*, 174(2): 437–438, February 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270400514X>.
- [Ano05i] **Anonymous:2005:AIVc**
 Anonymous. Author index volume 175 (2005). *Journal of Computational and Applied Mathematics*, 175(2): 465–466, March 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005680>.
- [Ano05j] **Anonymous:2005:AIVd**
 Anonymous. Author index volume 176 (2005). *Journal of Computational and Applied Mathematics*, 176(2):467–468, April 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704006272>.
- [Ano05k] **Anonymous:2005:AIVe**
 Anonymous. Author index volume 177 (2005). *Journal of Computational and Applied Mathematics*, 177(2):475–476, May 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000348>.
- [Ano05l] **Anonymous:2005:AIVf**
 Anonymous. Author index volume 178 (2005). *Journal of Computational and Applied Mathematics*, 178(1–2):537–538, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000920>.
- [Ano05m] **Anonymous:2005:AIVg**
 Anonymous. Author index volume 179 (2005). *Journal of Computational and Applied Mathematics*, 179(1–2):381–382, July 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001767>.

- [Ano05n] **Anonymous:2005:CP** Anonymous. Conference participants. *Journal of Computational and Applied Mathematics*, 179(1-2):ix-x, July 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001792>.
- [Ano05r] **Anonymous:2005:Ec** Anonymous. Editors. *Journal of Computational and Applied Mathematics*, 174(1):ii, February 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004959>.
- [Ano05o] **Anonymous:2005:CT** Anonymous. The conference talks. *Journal of Computational and Applied Mathematics*, 179(1-2):xi, July 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001809>.
- [Ano05s] **Anonymous:2005:Ed** Anonymous. Editors. *Journal of Computational and Applied Mathematics*, 174(2):ifc, February 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005114>.
- [Ano05p] **Anonymous:2005:Ea** Anonymous. Editors. *Journal of Computational and Applied Mathematics*, 173(1):ii, January 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004698>.
- [Ano05t] **Anonymous:2005:Ee** Anonymous. Editors. *Journal of Computational and Applied Mathematics*, 175(1):ii, March 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005321>.
- [Ano05q] **Anonymous:2005:Eb** Anonymous. Editors. *Journal of Computational and Applied Mathematics*, 173(2):ifc, January 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004820>.
- [Ano05u] **Anonymous:2005:Ef** Anonymous. Editors. *Journal of Computational and Applied Mathematics*, 175(2):ifc, March 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005643>.

Anonymous:2005:Eg

- [Ano05v] Anonymous. Editors. *Journal of Computational and Applied Mathematics*, 176(1):ii, April 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005758>█

Anonymous:2005:Eh

- [Ano05w] Anonymous. Editors. *Journal of Computational and Applied Mathematics*, 176(2):ifc, April 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704006235>█

Anonymous:2005:EI

- [Ano05x] Anonymous. Editors. *Journal of Computational and Applied Mathematics*, 177(1):ii, May 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000075>█

Anonymous:2005:Ej

- [Ano05y] Anonymous. Editors. *Journal of Computational and Applied Mathematics*, 177(2):CO2, May 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000300>█

Anonymous:2005:Ek

- [Ano05z] Anonymous. Editors. *Journal of Computational and Applied Mathematics*, 178(1-2):ii, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000877>█

Anonymous:2005:El

- [Ano05-27] Anonymous. Editors. *Journal of Computational and Applied Mathematics*, 179(1-2):ii, July 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001718>█

Anonymous:2005:Em

- [Ano05-28] Anonymous. Editors. *Journal of Computational and Applied Mathematics*, 180(1):ii, August 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002050>█

Anonymous:2005:FEa

- [Ano05-29] Anonymous. FM editors. *Journal of Computational and Applied Mathematics*, 181(1):ii, September 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002888>█

- [Ano05-30] **Anonymous:2005:FEb** Anonymous. FM editors. *Journal of Computational and Applied Mathematics*, 182(1):ii, October 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003353>
- [Ano05-31] **Anonymous:2005:FEc** Anonymous. FM editors. *Journal of Computational and Applied Mathematics*, 183(1):ii, November 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004140>
- [Ano05-32] **Anonymous:2005:FEd** Anonymous. FM editors. *Journal of Computational and Applied Mathematics*, 184(1):ii, December 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004589>
- [Ano05-33] **Anonymous:2005:IEIa** Anonymous. IFC editors 2nd issue. *Journal of Computational and Applied Mathematics*, 180(2):CO2, August 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002682>
- [Ano05-34] **Anonymous:2005:IEIb** Anonymous. IFC editors 2nd issue. *Journal of Computational and Applied Mathematics*, 181(2):CO2, September 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003225>
- [Ano05-35] **Anonymous:2005:IEIc** Anonymous. IFC editors 2nd issue. *Journal of Computational and Applied Mathematics*, 182(2):CO2, October 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003420>
- [Ano05-36] **Anonymous:2005:IEId** Anonymous. IFC editors 2nd issue. *Journal of Computational and Applied Mathematics*, 183(2):CO2, November 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004413>
- [Ano05-37] **Anonymous:2005:IEIe** Anonymous. IFC editors 2nd issue. *Journal of Computational and Applied Mathematics*, 184(2):CO2, December 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005042>

- [Ano05-38] **Anonymous:2005:ONB**
 Anonymous. Olav Njåstad: Bibliography. *Journal of Computational and Applied Mathematics*, 179(1–2):xxi–xxviii, July 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004388>. [Ano06a]
- [Ano05-39] **Anonymous:2005:OP**
 Anonymous. Open problems. *Journal of Computational and Applied Mathematics*, 178(1–2):523, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004005>. [Ano06b]
- [Ano05-40] **Anonymous:2005:P**
 Anonymous. Participants. *Journal of Computational and Applied Mathematics*, 178(1–2):xi–xiv, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004078>. [Ano06c]
- [Ano05-41] **Anonymous:2005:SIV**
 Anonymous. Subject index 10 volumes. *Journal of Computational and Applied Mathematics*, 180(2): 493–501, August 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002748>. [Ano06d]
- Anonymous:2006:AIVe**
 Anonymous. Author index to volume 189. *Journal of Computational and Applied Mathematics*, 189(1–2):719–721, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000112>.
- Anonymous:2006:AIVa**
 Anonymous. Author index volume. *Journal of Computational and Applied Mathematics*, 185(2):482–483, January 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005418>.
- Anonymous:2006:AIVb**
 Anonymous. Author index volume. *Journal of Computational and Applied Mathematics*, 186(2):542–543, February 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005947>.
- Anonymous:2006:AIVc**
 Anonymous. Author index volume. *Journal of Computational and Applied Mathematics*, 187(2):261, March

15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006394>.

Anonymous:2006:AIVd

[Ano06e]

Anonymous. Author index volume. *Journal of Computational and Applied Mathematics*, 188(2):336–337, April 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006813>.

Anonymous:2006:AIVh

[Ano06f]

Anonymous. Author index volume. *Journal of Computational and Applied Mathematics*, 191(2):306–307, July 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001701>.

Anonymous:2006:AIVi

[Ano06g]

Anonymous. Author index volume. *Journal of Computational and Applied Mathematics*, 192(2):481–482, August 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600207X>.

Anonymous:2006:AIVj

[Ano06h]

Anonymous. Author index volume. *Journal of Computational and Applied*

Mathematics, 193(2):665–666, September 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002792>.

Anonymous:2006:AIVk

[Ano06i]

Anonymous. Author index volume. *Journal of Computational and Applied Mathematics*, 194(2):460–461, October 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003074>.

Anonymous:2006:AIVl

[Ano06j]

Anonymous. Author index volume. *Journal of Computational and Applied Mathematics*, 195(1–2):351–352, October 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003013>.

Anonymous:2006:AIVm

[Ano06k]

Anonymous. Author index volume. *Journal of Computational and Applied Mathematics*, 196(2):664–665, November 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004444>.

- [Ano06l] **Anonymous:2006:AIVn**
 Anonymous. Author index volume. *Journal of Computational and Applied Mathematics*, 197(2):612–613, December 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004961>. ■
- [Ano06m] **Anonymous:2006:AIVf**
 Anonymous. Author index volume 190. *Journal of Computational and Applied Mathematics*, 190(1–2):549–550, June 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000604>. ■
- [Ano06n] **Anonymous:2006:AIVg**
 Anonymous. Author index volumes 181–190. *Journal of Computational and Applied Mathematics*, 190(1–2):551–562, June 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000616>. ■
- [Ano06o] **Anonymous:2006:FEa**
 Anonymous. FM editors. *Journal of Computational and Applied Mathematics*, 185(1):ii, January 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005273>. ■
- [Ano06p] **Anonymous:2006:FEb**
 Anonymous. FM editors. *Journal of Computational and Applied Mathematics*, 186(1):ii, February 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005753>. ■
- [Ano06q] **Anonymous:2006:FEc**
 Anonymous. FM editors. *Journal of Computational and Applied Mathematics*, 187(1):ii, March 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006060>. ■
- [Ano06r] **Anonymous:2006:FEd**
 Anonymous. FM editors. *Journal of Computational and Applied Mathematics*, 188(1):ii, April 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006667>. ■
- [Ano06s] **Anonymous:2006:FEe**
 Anonymous. FM editors. *Journal of Computational and Applied Mathematics*, 189(1–2):ii, May 1, 2006.

- CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600070>.
Anonymous:2006:FEf
- [Ano06t] Anonymous. FM editors. *Journal of Computational and Applied Mathematics*, 190(1-2):ii, June 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000550>.
Anonymous:2006:FEg
- [Ano06u] Anonymous. FM editors. *Journal of Computational and Applied Mathematics*, 191(1):ii, June 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001336>.
Anonymous:2006:FEh
- [Ano06v] Anonymous. FM editors. *Journal of Computational and Applied Mathematics*, 192(1):iv, July 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001920>.
Anonymous:2006:FEi
- [Ano06w] Anonymous. FM editors. *Journal of Computational and Applied Mathematics*, 193(1):ii, August 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002676>.
Anonymous:2006:FEj
- [Ano06x] Anonymous. FM editors. *Journal of Computational and Applied Mathematics*, 194(1):ii, September 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002883>.
Anonymous:2006:FEk
- [Ano06y] Anonymous. FM editors. *Journal of Computational and Applied Mathematics*, 195(1-2):ii, October 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002974>.
Anonymous:2006:FEl
- [Ano06z] Anonymous. FM editors. *Journal of Computational and Applied Mathematics*, 196(1):ii, November 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004304>.
Anonymous:2006:FEm
- [Ano06-27] Anonymous. FM editors. *Journal of Computational*

- and *Applied Mathematics*, 197(1):ii, December 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004791> ■
- [Ano06-28] Anonymous. IFC editors 2nd issue. *Journal of Computational and Applied Mathematics*, 185(2):CO2, January 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005376> ■
- [Ano06-29] Anonymous. IFC editors 2nd issue. *Journal of Computational and Applied Mathematics*, 186(2):CO2, February 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500590X> ■
- [Ano06-30] Anonymous. IFC editors 2nd issue. *Journal of Computational and Applied Mathematics*, 187(2):CO2, March 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006369> ■
- [Ano06-31] Anonymous. IFC editors 2nd issue. *Journal of Computational and Applied Mathematics*, 188(2):CO2, April 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006771> ■
- [Ano06-32] Anonymous. IFC editors 2nd issue. *Journal of Computational and Applied Mathematics*, 191(2):CO2, July 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001658> ■
- [Ano06-33] Anonymous. IFC editors 2nd issue. *Journal of Computational and Applied Mathematics*, 192(2):CO2, August 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002020> ■
- [Ano06-34] Anonymous. IFC editors 2nd issue. *Journal of Computational and Applied Mathematics*, 193(2):CO2, September 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002755> ■

- [Ano06-35] **Anonymous:2006:IEIh**
 Anonymous. IFC editors 2nd issue. *Journal of Computational and Applied Mathematics*, 194(2):CO2, October 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003050>. ■
- [Ano06-36] **Anonymous:2006:IEIi**
 Anonymous. IFC editors 2nd issue. *Journal of Computational and Applied Mathematics*, 196(2):CO2, November 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004407>. ■
- [Ano06-37] **Anonymous:2006:IEIj**
 Anonymous. IFC editors 2nd issue. *Journal of Computational and Applied Mathematics*, 197(2):CO2, December 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004924>. ■
- [Ano06-38] **Anonymous:2006:SIV**
 Anonymous. Subject index volumes 181–190. *Journal of Computational and Applied Mathematics*, 190(1–2):563–572, June 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000628>. ■
- [Ano07a] **Anonymous:2007:AIVa**
 Anonymous. Author index volume. *Journal of Computational and Applied Mathematics*, 198(2):521–522, January 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005486>. ■
- [Ano07b] **Anonymous:2007:AIVb**
 Anonymous. Author index volume. *Journal of Computational and Applied Mathematics*, 199(2):452–453, February 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005899>. ■
- [Ano07c] **Anonymous:2007:AIVc**
 Anonymous. Author index volume. *Journal of Computational and Applied Mathematics*, 200(2):780–781, March 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007813>. ■
- [Ano07d] **Anonymous:2007:AIVd**
 Anonymous. Author index volume. *Journal of Computational and Applied Mathematics*, 201(2):395–396, April 15, 2007. CODEN JCAMDI.

- ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000209> ■
- [Ano07e] **Anonymous:2007:AIVe**
 Anonymous. Author index volume. *Journal of Computational and Applied Mathematics*, 202(2):573–574, May 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000647> ■
- [Ano07f] **Anonymous:2007:AIVf**
 Anonymous. Author index volume. *Journal of Computational and Applied Mathematics*, 203(2):581–582, June 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001471> ■
- [Ano07g] **Anonymous:2007:AIVg**
 Anonymous. Author index volume. *Journal of Computational and Applied Mathematics*, 204(2):560–561, July 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001902> ■
- [Ano07h] **Anonymous:2007:AIVh**
 Anonymous. Author index volume. *Journal of Computational and Applied Mathematics*, 205(2):1019–1021, August 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002427> ■
- [Ano07i] **Anonymous:2007:AIVi**
 Anonymous. Author index volume. *Journal of Computational and Applied Mathematics*, 206(2):1137–1139, September 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002816> ■
- [Ano07j] **Anonymous:2007:AIVj**
 Anonymous. Author index volume. *Journal of Computational and Applied Mathematics*, 207(2):371–372, October 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003792> ■
- [Ano07k] **Anonymous:2007:AIVk**
 Anonymous. Author index volume. *Journal of Computational and Applied Mathematics*, 208(2):440–441, November 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004256> ■

- [Ano07l] **Anonymous:2007:AIVl**
 Anonymous. Author index volume. *Journal of Computational and Applied Mathematics*, 209(2):267, December 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004773>. [Ano07p]
- [Ano07m] **Anonymous:2007:AIVm**
 Anonymous. Author index volume 210. *Journal of Computational and Applied Mathematics*, 210(1-2):254, December 31, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005006>. [Ano07q]
- [Ano07n] **Anonymous:2007:AIVn**
 Anonymous. Author index volumes 201 to 210. *Journal of Computational and Applied Mathematics*, 210(1-2):255-272, December 31, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005018>. [Ano07r]
- [Ano07o] **Anonymous:2007:CP**
 Anonymous. Conference photos. *Journal of Computational and Applied Mathematics*, 202(1):I-VIII, May 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000581>. [Ano07s]
- Anonymous:2007:Eb**
 Anonymous. Editors. *Journal of Computational and Applied Mathematics*, 202(1):ii, May 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000490>.
- Anonymous:2007:Ed**
 Anonymous. Editors. *Journal of Computational and Applied Mathematics*, 203(1):ii, June 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001148>.
- Anonymous:2007:Ea**
 Anonymous. Editors. *Journal of Computational and Applied Mathematics*, 201(2):CO2, April 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000155>.
- Anonymous:2007:Ee**
 Anonymous. Editors. *Journal of Computational and Applied Mathematics*, 204(2):ifc, July 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000155>.

- [//www.sciencedirect.com/science/article/pii/S0377042707001859](http://www.sciencedirect.com/science/article/pii/S0377042707001859) (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005541>
- [Ano07t] **Anonymous:2007:Ef** Anonymous. Editors. *Journal of Computational and Applied Mathematics*, 205(1):ii, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002117>
- [Ano07u] **Anonymous:2007:EC** Anonymous. Editors 2. *Journal of Computational and Applied Mathematics*, 202(2):CO2, May 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700060X>
- [Ano07v] **Anonymous:2007:FEa** Anonymous. FM editors. *Journal of Computational and Applied Mathematics*, 198(1):ii, January 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005322>
- [Ano07w] **Anonymous:2007:FEb** Anonymous. FM editors. *Journal of Computational and Applied Mathematics*, 199(1):ii, February 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600793X>
- [Ano07x] **Anonymous:2007:FEc** Anonymous. FM editors. *Journal of Computational and Applied Mathematics*, 200(1):ii, March 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006819>
- [Ano07y] **Anonymous:2007:FEd** Anonymous. FM editors. *Journal of Computational and Applied Mathematics*, 201(1):ii, April 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600793X>
- [Ano07z] **Anonymous:2007:FEe** Anonymous. FM editors. *Journal of Computational and Applied Mathematics*, 204(1):ii, July 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700163X>
- [Ano07-27] **Anonymous:2007:FEf** Anonymous. FM editors. *Journal of Computational and Applied Mathematics*, 206(1):ii, September 1, 2007. CODEN JCAMDI. ISSN

0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002610> ■

Anonymous:2007:FEg

[Ano07-28]

Anonymous. FM editors. *Journal of Computational and Applied Mathematics*, 207(1):ii, October 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003007> ■

Anonymous:2007:FEh

[Ano07-29]

Anonymous. FM editors. *Journal of Computational and Applied Mathematics*, 208(1):ii, November 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003986> ■

Anonymous:2007:FEi

[Ano07-30]

Anonymous. FM editors. *Journal of Computational and Applied Mathematics*, 209(1):ii, December 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004426> ■

Anonymous:2007:FEj

[Ano07-31]

Anonymous. FM editors. *Journal of Computational and Applied Mathematics*, 210(1-2):ii, December 31,

2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004955> ■

Anonymous:2007:IEIa

[Ano07-32]

Anonymous. IFC editors 2nd issue. *Journal of Computational and Applied Mathematics*, 198(2):CO2, January 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005437> ■

Anonymous:2007:IEIb

[Ano07-33]

Anonymous. IFC editors 2nd issue. *Journal of Computational and Applied Mathematics*, 199(2):CO2, February 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005656> ■

Anonymous:2007:IEIc

[Ano07-34]

Anonymous. IFC editors 2nd issue. *Journal of Computational and Applied Mathematics*, 200(2):CO2, March 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007771> ■

Anonymous:2007:IEId

[Ano07-35]

Anonymous. IFC editors 2nd issue. *Journal of Computational and Applied Mathe-*

matics, 203(2):ifc, June 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001422>.

Anonymous:2007:IEIe

[Ano07-36]

Anonymous. IFC editors 2nd issue. *Journal of Computational and Applied Mathematics*, 205(2):ifc, August 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002373>.

Anonymous:2007:IEIf

[Ano07-37]

Anonymous. IFC editors 2nd issue. *Journal of Computational and Applied Mathematics*, 206(2):ifc, September 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002774>.

Anonymous:2007:IEIg

[Ano07-38]

Anonymous. IFC editors 2nd issue. *Journal of Computational and Applied Mathematics*, 207(2):ifc, October 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003743>.

Anonymous:2007:IEIh

[Ano07-39]

Anonymous. IFC editors 2nd issue. *Journal of Compu-*

tational and Applied Mathematics, 208(2):ifc, November 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004219>.

Anonymous:2007:IEIi

[Ano07-40]

Anonymous. IFC editors 2nd issue. *Journal of Computational and Applied Mathematics*, 209(2):ifc, December 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004682>.

Anonymous:2007:SIIV

[Ano07-41]

Anonymous. subject index volumes 201 to 210. *Journal of Computational and Applied Mathematics*, 210(1-2): 273-286, December 31, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700502X>.

Anonymous:2008:AIVa

[Ano08a]

Anonymous. Author index volume. *Journal of Computational and Applied Mathematics*, 211(2):232-233, February 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005870>.

- [Ano08b] **Anonymous:2008:AIVb** Anonymous. Author index volume. *Journal of Computational and Applied Mathematics*, 212(2):469–470, March 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707006425> ■
- [Ano08c] **Anonymous:2008:AIVc** Anonymous. Author index volume. *Journal of Computational and Applied Mathematics*, 213(2):616–617, April 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000228> ■
- [Ano08d] **Anonymous:2008:AIVd** Anonymous. Author index volume. *Journal of Computational and Applied Mathematics*, 214(2):637–638, May 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000630> ■
- [Ano08e] **Anonymous:2008:AIVe** Anonymous. Author index volume. *Journal of Computational and Applied Mathematics*, 215(2):639–641, June 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000988> ■
- [Ano08f] **Anonymous:2008:AIVf** Anonymous. Author index volume. *Journal of Computational and Applied Mathematics*, 216(2):600–601, July 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001738> ■
- [Ano08g] **Anonymous:2008:AIVg** Anonymous. Author index volume. *Journal of Computational and Applied Mathematics*, 217(2):457–458, August 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002331> ■
- [Ano08h] **Anonymous:2008:AIVh** Anonymous. Author index volume. *Journal of Computational and Applied Mathematics*, 218(2):616–618, September 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002872> ■
- [Ano08i] **Anonymous:2008:AIVi** Anonymous. Author index volume. *Journal of Computational and Applied Mathematics*, 219(2):551–552, October 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002872> ■

- [//www.sciencedirect.com/science/article/pii/S0377042708003439](http://www.sciencedirect.com/science/article/pii/S0377042708003439) ■
- [Ano08j] **Anonymous:2008:AIVj**
 Anonymous. Author index volume. *Journal of Computational and Applied Mathematics*, 220(1–2):762–764, October 15, 2008. [Ano08n]
 CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003920> ■
- [Ano08k] **Anonymous:2008:AIVk**
 Anonymous. Author index volume 221 (2008). *Journal of Computational and Applied Mathematics*, 221(2): 472–473, November 15, 2008. [Ano08o]
 CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004822> ■
- [Ano08l] **Anonymous:2008:AIVl**
 Anonymous. Author index volume 222 (2008). *Journal of Computational and Applied Mathematics*, 222(2): 732–734, December 15, 2008. [Ano08p]
 CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005311> ■
- [Ano08m] **Anonymous:2008:EB**
 Anonymous. Editorial Board. *Journal of Computational and Applied Mathematics*, 222(1):ii, December 1, 2008. [Ano08q]
 CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004925> ■
- Anonymous:2008:FEa**
 Anonymous. FM editors. *Journal of Computational and Applied Mathematics*, 211(1):ii, January 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005389> ■
- Anonymous:2008:FEb**
 Anonymous. FM editors. *Journal of Computational and Applied Mathematics*, 212(1):ii, February 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707006127> ■
- Anonymous:2008:FEc**
 Anonymous. FM editors. *Journal of Computational and Applied Mathematics*, 213(1):ii, March 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707006620> ■
- Anonymous:2008:FEd**
 Anonymous. FM editors. *Journal of Computational*

- and *Applied Mathematics*, 214(1):ii, April 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000447>. **Anonymous:2008:FEh**
- [Ano08r] Anonymous. FM editors. *Journal of Computational and Applied Mathematics*, 215(1):ii, May 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000770>. **Anonymous:2008:FEe**
- [Ano08s] Anonymous. FM editors. *Journal of Computational and Applied Mathematics*, 216(1):ii, June 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001246>. **Anonymous:2008:FEf**
- [Ano08t] Anonymous. FM editors. *Journal of Computational and Applied Mathematics*, 217(1):ii, July 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001970>. **Anonymous:2008:FEg**
- [Ano08u] Anonymous. FM editors. *Journal of Computational and Applied Mathematics*, 218(1):ii, August 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002689>. **Anonymous:2008:FEh**
- [Ano08v] Anonymous. FM editors. *Journal of Computational and Applied Mathematics*, 219(1):ii, September 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800304X>. **Anonymous:2008:FEi**
- [Ano08w] Anonymous. FM editors. *Journal of Computational and Applied Mathematics*, 220(1-2):ii, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003750>. **Anonymous:2008:FEj**
- [Ano08x] Anonymous. FM editors. *Journal of Computational and Applied Mathematics*, 221(1):ii, November 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004470>. **Anonymous:2008:FEk**

- [Ano08y] **Anonymous:2008:IEIa** Anonymous. IFC editors 2nd issue. *Journal of Computational and Applied Mathematics*, 211(2):ifc, February 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005833>
- [Ano08z] **Anonymous:2008:IEIb** Anonymous. IFC editors 2nd issue. *Journal of Computational and Applied Mathematics*, 212(2):CO2, March 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707006383>
- [Ano08-27] **Anonymous:2008:IEIc** Anonymous. IFC editors 2nd issue. *Journal of Computational and Applied Mathematics*, 213(2):ifc, April 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000198>
- [Ano08-28] **Anonymous:2008:IEId** Anonymous. IFC editors 2nd issue. *Journal of Computational and Applied Mathematics*, 214(2):ifc, May 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000599>
- [Ano08-29] **Anonymous:2008:IEIe** Anonymous. IFC editors 2nd issue. *Journal of Computational and Applied Mathematics*, 215(2):ifc, June 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000939>
- [Ano08-30] **Anonymous:2008:IEIf** Anonymous. IFC editors 2nd issue. *Journal of Computational and Applied Mathematics*, 216(2):ifc, July 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001696>
- [Ano08-31] **Anonymous:2008:IEIg** Anonymous. IFC editors 2nd issue. *Journal of Computational and Applied Mathematics*, 217(2):ifc, August 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002288>
- [Ano08-32] **Anonymous:2008:IEIh** Anonymous. IFC editors 2nd issue. *Journal of Computational and Applied Mathematics*, 218(2):ifc, September 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002823>

- [Ano08-33] **Anonymous:2008:IEIi**
 Anonymous. IFC editors 2nd issue. *Journal of Computational and Applied Mathematics*, 219(2):ifc, October 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003373>. ■
- [Ano08-34] **Anonymous:2008:IEIj**
 Anonymous. IFC editors 2nd issue. *Journal of Computational and Applied Mathematics*, 221(2):ifc, November 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004779>. ■
- [Ano08-35] **Anonymous:2008:IEIk**
 Anonymous. IFC editors 2nd issue. *Journal of Computational and Applied Mathematics*, 222(2):ifc, December 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800527X>. ■
- [Ano09a] **Anonymous:2009:AIVa**
 Anonymous. Author index volume 223 (2009). *Journal of Computational and Applied Mathematics*, 223(2):1087–1090, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000806>. ■
- [Ano09b] **Anonymous:2009:AIVb**
 Anonymous. Author index volume 224 (2009). *Journal of Computational and Applied Mathematics*, 224(2):779–781, February 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708006614>. ■
- [Ano09c] **Anonymous:2009:AIVc**
 Anonymous. Author index volume 225 (2009). *Journal of Computational and Applied Mathematics*, 225(2):621–622, March 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000326>. ■
- [Ano09d] **Anonymous:2009:AIVd**
 Anonymous. Author index volume 226 (2009). *Journal of Computational and Applied Mathematics*, 226(2):388–389, April 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000806>. ■
- [Ano09e] **Anonymous:2009:AIVe**
 Anonymous. Author index volume 227 (2009). *Journal of Computational and Applied Mathematics*, 227(2):1087–1090, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000806>. ■

- Applied Mathematics*, 227 (2):320–321, May 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002027>. **Anonymous:2009:AIVf**
- [Ano09f] Anonymous. Author index volume 228 (2009). *Journal of Computational and Applied Mathematics*, 228 (2):600–602, June 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002611>. **Anonymous:2009:AIVg**
- [Ano09g] Anonymous. Author index volume 229 (2009). *Journal of Computational and Applied Mathematics*, 229 (2):488–490, July 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002842>. **Anonymous:2009:AIVh**
- [Ano09h] Anonymous. Author index volume 230 (2009). *Journal of Computational and Applied Mathematics*, 230(2): 823–825, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003288>. **Anonymous:2009:AIVi**
- Anonymous. Author index volume 231 (2009). *Journal of Computational and Applied Mathematics*, 231(2): 1005–1008, September 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003719>. **Anonymous:2009:AIVj**
- Anonymous. Author index volume 232 (2009). *Journal of Computational and Applied Mathematics*, 232(2): 655–657, October 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004786>. **Anonymous:2009:EBa**
- Anonymous. Editorial Board. *Journal of Computational and Applied Mathematics*, 223(1):ii, January 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005694>. **Anonymous:2009:EBb**
- Anonymous. Editorial Board. *Journal of Computational and Applied Mathematics*, 223(2):ifc, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778

- (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708006055> ■
- Anonymous:2009:EBc**
- [Ano09m] Anonymous. Editorial Board. *Journal of Computational and Applied Mathematics*, 224(1):ii, February 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708006158> ■
- Anonymous:2009:EBd**
- [Ano09n] Anonymous. Editorial Board. *Journal of Computational and Applied Mathematics*, 224(2):ifc, February 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708006572> ■
- Anonymous:2009:EBe**
- [Ano09o] Anonymous. Editorial Board. *Journal of Computational and Applied Mathematics*, 225(1):ii, March 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000193> ■
- Anonymous:2009:EBf**
- [Ano09p] Anonymous. Editorial Board. *Journal of Computational and Applied Mathematics*, 225(2):ifc, March 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000296> ■
- Anonymous:2009:EBg**
- [Ano09q] Anonymous. Editorial Board. *Journal of Computational and Applied Mathematics*, 226(1):ii, April 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000673> ■
- Anonymous:2009:EBh**
- [Ano09r] Anonymous. Editorial Board. *Journal of Computational and Applied Mathematics*, 226(2):ifc, April 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000752> ■
- Anonymous:2009:EBi**
- [Ano09s] Anonymous. Editorial Board. *Journal of Computational and Applied Mathematics*, 227(1):ii, May 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001885> ■
- Anonymous:2009:EBj**
- [Ano09t] Anonymous. Editorial Board. *Journal of Computational and Applied Mathematics*, 227(2):ifc, May 15, 2009.

- CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001976> ■
- [Ano09u] **Anonymous:2009:EBk**
 Anonymous. Editorial Board. *Journal of Computational and Applied Mathematics*, 228(2):ifc, June 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002362> ■
- [Ano09v] **Anonymous:2009:EBI**
 Anonymous. Editorial Board. *Journal of Computational and Applied Mathematics*, 230(2):ifc, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003094> ■
- [Ano09w] **Anonymous:2009:EBm**
 Anonymous. Editorial Board. *Journal of Computational and Applied Mathematics*, 231(2):ifc, September 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003677> ■
- [Ano09x] **Anonymous:2009:EBn**
 Anonymous. Editorial Board. *Journal of Computational and Applied Mathematics*, 232(2):ifc, October 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004725> ■
- [Ano09y] **Anonymous:2009:EBo**
 Anonymous. Editorial Board. *Journal of Computational and Applied Mathematics*, 233(3):ifc, December 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709006116> ■
- [ÁNPQ05] **Anonymous:2009:IEI**
 Anonymous. IFC editors 2nd issue. *Journal of Computational and Applied Mathematics*, 229(2):ifc, July 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002775> ■
- [ÁNPQ05] **Alvarez-Nodarse:2005:STT**
 R. Álvarez-Nodarse, J. Petronilho, and N. R. Quintero. On some tridiagonal k -Toeplitz matrices: Algebraic and analytical aspects. Applications. *Journal of Computational and Applied Mathematics*, 184(2):518–537, December 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000464> ■

- Alefeld:2007:P**
- [ANR07] Götz Alefeld, Mitsuhiro T. Nakao, and Siegfried M. Rump. Preface. *Journal of Computational and Applied Mathematics*, 199(2): 197–198, February 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007508>
- Antczak:2008:PIF**
- [Ant08] Tadeusz Antczak. G -preinvex functions in mathematical programming. *Journal of Computational and Applied Mathematics*, 217(1):212–226, July 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003500>
- Antczak:2009:OCD**
- [Ant09] Tadeusz Antczak. Optimality conditions and duality for nondifferentiable multiobjective programming problems involving d - r -Type I functions. *Journal of Computational and Applied Mathematics*, 225(1):236–250, March 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800366X>
- Adee:2005:NSN**
- [AOSY05] S. O. Adee, P. Onumanyi, U. W. Sirisena, and Y. A. Yahaya. Note on starting the Numerov method more accurately by a hybrid formula of order four for an initial-value problem. *Journal of Computational and Applied Mathematics*, 175(2): 369–373, March 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704002559>
- Al-Refai:2006:BCP**
- [AR06] Mohammed Al-Refai. Bounds and critical parameters for a combustion problem. *Journal of Computational and Applied Mathematics*, 188(1):33–43, April 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001585>
- Abdel-Rehim:2009:EMT**
- [AR09a] E. A. Abdel-Rehim. From the Ehrenfest model to time-fractional stochastic processes. *Journal of Computational and Applied Mathematics*, 233(2):197–207, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004105>

- [AR09b] **Alonso:2009:SAV**
 Ana Alonso and Anahí Dello Russo. Spectral approximation of variationally-posed eigenvalue problems by non-conforming methods. *Journal of Computational and Applied Mathematics*, 223(1):177–197, January 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800006X>
- [AR09c] **Argyros:2009:CMN**
 Ioannis K. Argyros and Hongmin Ren. On the convergence of modified Newton methods for solving equations containing a non-differentiable term. *Journal of Computational and Applied Mathematics*, 231(2):897–906, September 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003185>
- [Arg07] **Argyros:2007:CNM**
 Ioannis K. Argyros. On the convergence of Newton’s method for a class of non-smooth operators. *Journal of Computational and Applied Mathematics*, 205(1):584–593, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003414>
- [ARG08] **Abdel-Rehim:2008:SCT**
 E. A. Abdel-Rehim and R. Gorenflo. Simulation of the continuous time random walk of the space-fractional diffusion equations. *Journal of Computational and Applied Mathematics*, 222(2):274–283, December 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005961>
- [Arg09a] **Argyros:2009:CNL**
 Ioannis K. Argyros. On a class of Newton-like methods for solving nonlinear equations. *Journal of Computational and Applied Mathematics*, 228(1):115–122, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004433>
- [Arg09b] **Argyros:2009:SCI**
 Ioannis K. Argyros. On the semilocal convergence of inexact Newton methods in Banach spaces. *Journal of Computational and Applied Mathematics*, 228(1):434–443, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005098>

- [ARN07] **Andrle:2007:EOB** Miroslav Andrle and Laura Rebollo-Neira. Experiments on orthogonalization by biorthogonal representations of orthogonal projectors. *Journal of Computational and Applied Mathematics*, 205(1):545–551, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003372>.
- [ARVP09] **Alvarez-Ramirez:2009:NSF** Jose Alvarez-Ramirez and Francisco J. Valdes-Parada. Non-standard finite-differences schemes for generalized reaction-diffusion equations. *Journal of Computational and Applied Mathematics*, 228(1):334–343, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005013>.
- [Arp07] **Arponen:2007:TIN** Teijo Arponen. Tensor invariants in numerical geometric integration of ODEs. *Journal of Computational and Applied Mathematics*, 205(2):791–801, August 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600402X>.
- [Art09] **Artemiadis:2009:ESM** Nicolaos K. Artemiadis. Educational Systems (ES) in Mathematics and other related topics. *Journal of Computational and Applied Mathematics*, 227(1):5–9, May 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003245>.
- [AS05a] **Abad:2005:TNA** Julio Abad and Javier Sesma. Two new asymptotic expansions of the ratio of two gamma functions. *Journal of Computational and Applied Mathematics*, 173(2):359–363, January 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704001669>.
- [AS05b] **Abdou:2005:VIM** M. A. Abdou and A. A. Soliman. Variational iteration method for solving Burger’s and coupled Burger’s equations. *Journal of Computational and Applied Mathematics*, 181(2):245–251, September 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005825>.

Adell:2005:ABS

[AS05c]

J. A. Adell and C. Sangüesa. Approximation by B-spline convolution operators. A probabilistic approach. *Journal of Computational and Applied Mathematics*, 174(1): 79–99, February 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704001736>

Anastassi:2005:ORK

[AS05f]

Z. A. Anastassi and T. E. Simos. An optimized Runge–Kutta method for the solution of orbital problems. *Journal of Computational and Applied Mathematics*, 175(1):1–9, March 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704002432>

Allan:2005:ASN

[AS05d]

Fathi M. Allan and Muhammed I. Syam. On the analytic solutions of the nonhomogeneous Blasius problem. *Journal of Computational and Applied Mathematics*, 182(2): 362–371, October 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704006351>

Alessandrini:2007:SEC

Giovanni Alessandrini and Eva Sincich. Solving elliptic Cauchy problems and the identification of nonlinear corrosion. *Journal of Computational and Applied Mathematics*, 198(2): 307–320, January 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007168>

Amodio:2005:HOF

[AS05e]

Pierluigi Amodio and Ivonne Sgura. High-order finite difference schemes for the solution of second-order BVPs. *Journal of Computational and Applied Mathematics*, 176(1):59–76, April 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003206>

[AS09a]

Aalabaf-Sabaghi:2009:RPR

Morteza Aalabaf-Sabaghi. Risk perceptions and rationality in measures of risk. *Journal of Computational and Applied Mathematics*, 233(1):46–50, November 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004664>

- [AS09b] **Alexe:2009:DAA**
 Mihai Alexe and Adrian Sandu. On the discrete adjoints of adaptive time stepping algorithms. *Journal of Computational and Applied Mathematics*, 233(4):1005–1020, December 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709006062>.
- [Asa05] **Asaithambi:2005:SFS**
 Asai Asaithambi. Solution of the Falkner–Skan equation by recursive evaluation of Taylor coefficients. *Journal of Computational and Applied Mathematics*, 176(1):203–214, April 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003279>.
- [Ask05] **Askey:2005:DCO**
 Richard Askey. Duality for classical orthogonal polynomials. *Journal of Computational and Applied Mathematics*, 178(1–2):37–43, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003644>.
- [ASL07] **Arevalo:2007:CCL**
 Carmen Arévalo, Gustaf Söderlind, and José Diaz López. Constant coefficient linear multistep methods with step density control. *Journal of Computational and Applied Mathematics*, 205(2):891–900, August 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004109>.
- [Asl10] **Aslan:2010:CNE**
 Ismail Aslan. Comment on: “New exact solutions for the Kawahara equation using Exp-function method” [J. Comput. Appl. Math. **233** (2009) 97–102]. *Journal of Computational and Applied Mathematics*, 234(12):3213–3215, October 15, 2010. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042710002347>. See [Ass09b].
- [Ass09a] **Assal:2009:PDO**
 Miloud Assal. Pseudo-differential operators associated with Laguerre hypergroups. *Journal of Computational and Applied Mathematics*, 233(3):617–620, December 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001034>.

- [Ass09b] **Assas:2009:NES**
 Laila M. B. Assas. New exact solutions for the Kawahara equation using Exp-function method. *Journal of Computational and Applied Mathematics*, 233(2):97–102, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004038>. See comment [Asl10].
- [AT07] **Aceto:2007:SPL**
 L. Aceto and D. Trigiante. The stability problem for linear multistep methods: Old and new results. *Journal of Computational and Applied Mathematics*, 210(1–2): 2–12, December 31, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600642X>.
- [AT09a] **Abbasbandy:2009:NSS**
 S. Abbasbandy and A. Taati. Numerical solution of the system of nonlinear Volterra integro-differential equations with nonlinear differential part by the operational Tau method and error estimation. *Journal of Computational and Applied Mathematics*, 231(1):106–113, September 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000442>.
- [AT09b] **Ahipo:2009:RIS**
 Yves Marcel Ahipo and Philippe Traore. A robust iterative scheme for finite volume discretization of diffusive flux on highly skewed meshes. *Journal of Computational and Applied Mathematics*, 231(1):478–491, September 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002131>.
- [AT09c] **Ariyawansa:2009:CCS**
 K. A. Ariyawansa and Wayne L. Tabor. A class of collinear scaling algorithms for bound-constrained optimization: Derivation and computational results. *Journal of Computational and Applied Mathematics*, 230(1): 143–163, August 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005955>.
- [AT09d] **Assous:2009:PMS**
 F. Assous and F. Tsipis. A PIC method for solving a paraxial model of highly relativistic beams. *Journal of Computational and Applied Mathematics*, 227(1):136–146, May 1, 2009. CODEN JCAMDI. ISSN

- 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003476>.
Atanackovic:2007:OSS [Aue07]
 [Ata07] Teodor M. Atanackovic. Optimal shape of a strongest inverted column. *Journal of Computational and Applied Mathematics*, 203(1):209–218, June 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001956>.
- Basem S. Attili. A numerical algorithm for some singularly perturbed boundary value problems. *Journal of Computational and Applied Mathematics*, 184(2):464–474, December 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000427>.
Attili:2005:NAS [AUY06]
 [Att05]
- Rais Ahmad and Farhat Usman. System of generalized variational inclusions with H -accretive operators in uniformly smooth Banach spaces. *Journal of Computational and Applied Mathematics*, 230(2):424–432, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S03770427090006390>.
Auer:2007:IMD
 Ekaterina Auer. Interval modeling of dynamics for multibody systems. *Journal of Computational and Applied Mathematics*, 199(2):251–256, February 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007582>.
- A. A. Abramov, V. I. Ul'yanova, and L. F. Yukhno. Certain methods for linear problems with inexact initial data. *Journal of Computational and Applied Mathematics*, 192(1):2–10, July 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500302X>.
Abramov:2006:CML
- G. A. Afrouzi and Javad Vahidi. Existence of an interval of principal eigenvalues for radially symmetric problems on all of \mathbf{R}^N . *Journal of Computational and Applied Mathematics*, 187(2):253–259, March 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S03770427060006390>.
Afrouzi:2006:EIP
 [AU09]
- Ahmad:2009:SGV** [AV06]

[//www.sciencedirect.com/science/article/pii/S0377042705001603](http://www.sciencedirect.com/science/article/pii/S0377042705001603) ■

Alvarez-Vazquez:2006:NOP

- [AVMMS⁺06] L. J. Alvarez-Vázquez, A. Martínez, R. Muñoz-Sola, C. Rodríguez, and M. E. Vázquez-Méndez. [AZGN06] Numerical optimization for the purification of polluted shallow waters. *Journal of Computational and Applied Mathematics*, 189(1–2):191–206, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003638> ■

Alvarez-Vazquez:2008:VSF

- [AVMVMV08] L. J. Alvarez-Vázquez, A. Martínez, M. E. Vázquez-Méndez, and M. A. Vilar. [Bac09] Vertical slot fishways: Mathematical modeling and optimal management. *Journal of Computational and Applied Mathematics*, 218(2):395–403, September 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700204X> ■

Abdella:2009:ASM

- [AYK09] K. Abdella, X. Yu, and I. Kucuk. [Bad08] Application of the sinc method to a dynamic elastoplastic problem. *Journal of Computational and Applied Mathematics*, 223(2):626–645, January 15, 2009. CODEN JCAMDI. ISSN

0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000551> ■

Al-Zanaidi:2006:ITM

M. A. Al-Zanaidi, C. Grossmann, and A. Noack. Implicit Taylor methods for parabolic problems with non-smooth data and applications to optimal heat control. *Journal of Computational and Applied Mathematics*, 188(1):121–149, April 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001834> ■

Bacuta:2009:SCH

Constantin Bacuta. Schur complements on Hilbert spaces and saddle point systems. *Journal of Computational and Applied Mathematics*, 225(2):581–593, March 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004305> ■

Badea:2008:SMI

Lori Badea. Schwarz methods for inequalities with contraction operators. *Journal of Computational and Applied Mathematics*, 215(1):196–219, May 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778

- (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001963>. **Banas:2008:ATL**
- [Bak05] George A. Baker, Jr. Counterexamples to the Baker–Gammel–Wills conjecture and patchwork convergence. *Journal of Computational and Applied Mathematics*, 179(1–2):1–14, July 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700439X>. **Baker:2005:CEB**
- [Ban05] Mapundi Kondwani Banda. Variants of relaxed schemes and two-dimensional gas dynamics. *Journal of Computational and Applied Mathematics*, 175(1):41–62, March 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270400247X>. **Banda:2005:VRS**
- [Ban07] Lehel Banjai. Eigenfrequencies of fractal drums. *Journal of Computational and Applied Mathematics*, 198(1):1–18, January 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500703X>. **Banjai:2007:efd**
- [Bat08] Paola Baratella. A Nyström interpolant for some weakly singular linear Volterra integral equations. *Journal of Computational and Applied Mathematics*, 231(2):725–734, September 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002726>. **Baratella:2009:NIS**
- [Bat08] Khaldoun Batiha. Approximate analytical solution for the Zakharov–Kuznetsov equations with fully nonlinear dispersion. *Journal of Computational and Applied Mathematics*, 216(1):157–163, June 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002257>. **Batiha:2008:AAS**

- [BB05] **Baker:2005:ESM**
 Christopher T. H. Baker and Evelyn Buckwar. Exponential stability in p -th mean of solutions, and of convergent Euler-type solutions, of stochastic delay differential equations. *Journal of Computational and Applied Mathematics*, 184(2): 404–427, December 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000397>.
- [BB08a] **Bourchtein:2008:AIS**
 Andrei Bourchtein and Ludmila Bourchtein. On the absolute instability of semi-implicit schemes for hydrostatic models. *Journal of Computational and Applied Mathematics*, 218(2): 404–420, September 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003348>.
- [BB08b] **Bourchtein:2008:GGN**
 Ludmila Bourchtein and Andrei Bourchtein. On grid generation for numerical models of geophysical fluid dynamics. *Journal of Computational and Applied Mathematics*, 218(2):317–328, September 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000854>.
- [BB07] **Bhatti:2007:SDE**
 M. Idrees Bhatti and P. Bracken. Solutions of differential equations in a Bernstein polynomial basis. *Journal of Computational and Applied Mathematics*, 205(1): 272–280, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003153>.
- [BB09a] **Bourchtein:2009:SLS**
 Andrei Bourchtein and Ludmila Bourchtein. Semi-Lagrangian semi-implicit time-splitting scheme for a regional model of the atmosphere. *Journal of Computational and Applied Mathematics*, 227(1):115–125, May 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003348>.
- [BB09b] **Bourchtein:2009:CDS**
 Ludmila Bourchtein and Andrei Bourchtein. Comparison of different spatial grids for numerical schemes of geophysical fluid dynamics. *Journal of Computational and Applied Mathematics*, 227(1):161–170, May 1, 2009. CODEN JCAMDI.

ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800349X>■

Binding:2007:PAA

[BBB07]

Paul Binding, Lyonell Boulton, and Patrick J. Browne. A Prüfer angle approach to singular Sturm–Liouville problems with molcanov potentials. *Journal of Computational and Applied Mathematics*, 208(1):226–234, November 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006376>■

Bailey:2007:BI

[BBC07]

D. H. Bailey, J. M. Borwein, and R. E. Crandall. Box integrals. *Journal of Computational and Applied Mathematics*, 206(1):196–208, September 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004250>■

Bertolazzi:2006:SNE

[BBD06]

Enrico Bertolazzi, Francesco Biral, and Mauro Da Lio. Symbolic-numeric efficient solution of optimal control problems for multibody systems. *Journal of Computational and Applied Mathematics*, 185(2):404–421, January

15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001238>■

Baker:2005:CAP

[BBF⁺05]

C. T. H. Baker, G. A. Bocharov, J. M. Ford, P. M. Lumb, S. J. Norton, C. A. H. Paul, T. Junt, P. Krebs, and B. Ludewig. Computational approaches to parameter estimation and model selection in immunology. *Journal of Computational and Applied Mathematics*, 184(1):50–76, December 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000609>■

Baker:2007:SIE

[BBF07]

Christopher T. H. Baker, Kevin Burrage, and Neville J. Ford. Special issue on evolutionary problems. *Journal of Computational and Applied Mathematics*, 205(2):667–668, August 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003918>■

Bocharov:2005:SIM

[BBG05]

Gennady Bocharov, Hermann Brunner, and Zvi Grossman. Special issue on mathematics applied to immunol-

- ogy. *Journal of Computational and Applied Mathematics*, 184(1):1–3, December 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000579>. ■
- [BBM07] R. Bevilacqua, E. Bozzo, and O. Menchi. Comparison of four natural pixel bases for SPECT imaging. *Journal of Computational and Applied Mathematics*, 198(2):361–377, January 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500720X>. ■
- [BBM09] Anna Rita Bacinello, Enrico Biffis, and Pietro Milossovich. Pricing life insurance contracts with early exercise features. *Journal of Computational and Applied Mathematics*, 233(1):27–35, November 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002458>. ■
- [BBPR09] Christopher T. H. Baker, Gennady Bocharov, Eugene Parmuzin, and Fathalla Rihan. Some aspects of causal & neutral equations used in modelling. *Journal of Computational and Applied Mathematics*, 229(2):335–349, July 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001556>. ■
- [BBR05] M. A. Batelo, C. F. Bracciali, and A. Sri Ranga. On linear combinations of L -orthogonal polynomials associated with distributions belonging to symmetric classes. *Journal of Computational and Applied Mathematics*, 179(1–2):15–29, July 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004406>. ■
- [BBSV08] Eleni Bisognin, Vanilde Bisognin, Mauricio Sepúlveda, and Octavio Vera. Coupled system of Korteweg–de Vries equations type in domains with moving boundaries. *Journal of Computational and Applied Mathematics*, 220(1–2):290–321, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004529>. ■

- [BC06] **Bousson:2006:OAB** K. Bousson and S. D. Correia. Optimization algorithm based on densification and dynamic canonical descent. *Journal of Computational and Applied Mathematics*, 191(2):269–279, July 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005558> ■
- [BC09b] **Berriochoa:2009:CCS** E. Berriochoa and A. Cachafeiro. Characterizing curves satisfying the Gauss–Christoffel theorem. *Journal of Computational and Applied Mathematics*, 233(3):630–633, December 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001058> ■
- [BC08] **Berriochoa:2008:NSM** E. Berriochoa and A. Cachafeiro. Nodal systems with maximal domain of exactness for Gaussian quadrature formulas. *Journal of Computational and Applied Mathematics*, 212(2):272–281, March 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007291> ■
- [BCeAJ09] **Baer:2009:NSC** S. M. Baer, S. Crook, M. Dure Ahmad, and Z. Jackiewicz. Numerical solution of calcium-mediated dendritic branch model. *Journal of Computational and Applied Mathematics*, 229(2):416–424, July 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001623> ■
- [BC09a] **Bernard:2009:RII** Carole Bernard and An Chen. On the regulator-insurer interaction in a structural model. *Journal of Computational and Applied Mathematics*, 233(1):3–15, November 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001908> ■
- [BCGA05a] **Berriochoa:2005:CBO** E. Berriochoa, A. Cachafeiro, and J. García-Amor. Connection between orthogonal polynomials on the unit circle and bounded interval. *Journal of Computational and Applied Mathematics*, 177(1):205–223, May 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004248> ■

- [BCGA05b] **Berriochoa:2005:APC** E. Berriochoa, A. Cachafeiro, and J. M. Garcia-Amor. Asymptotic properties of Chebyshev–Sobolev orthogonal polynomials. *Journal of Computational and Applied Mathematics*, 178(1–2):63–74, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003668>.
- [BCP05] **Berg:2005:P** C. Berg, J. S. Christiansen, and H. L. Pedersen. Preface. *Journal of Computational and Applied Mathematics*, 178(1–2):xv, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003991>.
- [BCH06] **Bartels:2006:PIF** S. Bartels, C. Carstensen, and A. Hecht. P2Q2Iso2D = 2D isoparametric FEM in Matlab. *Journal of Computational and Applied Mathematics*, 192(2):219–250, August 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002839>.
- [BCK07] **Bourgeois:2007:LOF** L. Bourgeois, C. Chambeyron, and S. Kusiak. Locating an obstacle in a 3D finite depth ocean using the convex scattering support. *Journal of Computational and Applied Mathematics*, 204(2):387–399, July 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003669>.
- [BCP07] **Brignone:2007:ULS** M. Brignone, J. Coyle, and M. Piana. The use of the linear sampling method for obtaining super-resolution effects in Born approximation. *Journal of Computational and Applied Mathematics*, 203(1):145–158, June 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001798>.
- [BCS⁺06] **Beirlant:2006:P** Jan Beirlant, An Carbonez, Wim Schoutens, Walter Van Assche, and Noel Veraverbeke. Preface. *Journal of Computational and Applied Mathematics*, 186(1):1–3, February 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003511>.

- [BCV⁺05] **Bultheel:2005:GOP** A. Bultheel, A. Cuyt, W. Van Assche, M. Van Barel, and B. Verdonk. Generalizations of orthogonal polynomials. *Journal of Computational and Applied Mathematics*, 179(1–2):57–95, July 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004443>.
- [BdAR08] **Brasil:2008:NAS** A. P. Brasil, Jr., J. H. Carneiro de Araujo, and V. Ruas. A new algorithm for simulating viscoelastic flows accommodating piecewise linear finite elements. *Journal of Computational and Applied Mathematics*, 215(2):311–319, June 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007412>.
- [BD06] **Borzi:2006:ALF** A. Borzi and E. Decker. Analysis of a leap-frog pseudospectral scheme for the Schrödinger equation. *Journal of Computational and Applied Mathematics*, 193(1):65–88, August 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003808>.
- [BDF⁺09] **Baker:2009:P** Christopher T. H. Baker, Teresa Diogo, George Flessas, Pedro Lima, Athena Makroglou, and Jie Shen. Preface. *Journal of Computational and Applied Mathematics*, 229(2):333–334, July 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001544>.
- [BD07] **Bueno:2007:MAA** María I. Bueno and Froilán M. Dopico. A more accurate algorithm for computing the Christoffel transformation. *Journal of Computational and Applied Mathematics*, 205(1):567–582, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003396>.
- [BDGV05] **Bultheel:2005:PIQ** Adhemar Bultheel, Leyla Daruis, and Pablo González-Vera. Positive interpolatory quadrature formulas and para-orthogonal polynomials. *Journal of Computational and Applied Mathematics*, 179(1–2):97–119, July 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004455>.

- [BDGV09] **Bultheel:2009:QFU**
 Adhemar Bultheel, Leyla Daruis, and Pablo González-Vera. Quadrature formulas on the unit circle with prescribed nodes and maximal domain of validity. *Journal of Computational and Applied Mathematics*, 231(2): 948–963, September 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003240>
- [BDHW07] **Benchama:2007:SFL**
 N. Benchama, T. K. DeLillo, T. Hrycak, and L. Wang. A simplified Fornberg-like method for the conformal mapping of multiply connected regions — comparisons and crowding. *Journal of Computational and Applied Mathematics*, 209(1):1–21, December 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006157>
- [BDL09] **Berlińska:2009:ESS**
 J. Berlińska, M. Drozdowski, and M. Lawenda. Experimental study of scheduling with memory constraints using hybrid methods. *Journal of Computational and Applied Mathematics*, 232(2): 638–654, October 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003999>
- [BDS08] **Boal:2008:APS**
 N. Boal, V. Domínguez, and F.-J. Sayas. Asymptotic properties of some triangulations of the sphere. *Journal of Computational and Applied Mathematics*, 211(1): 11–22, January 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006911>
- [BdWG06] **Beirlant:2006:GFS**
 Jan Beirlant, Tertius de Wet, and Yuri Goegebeur. A goodness-of-fit statistic for Pareto-type behaviour. *Journal of Computational and Applied Mathematics*, 186(1): 99–116, February 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001913>
- [BDY09] **Bai:2009:NSI**
 Zhong-Zhi Bai, Iain S. Duff, and Jun-Feng Yin. Numerical study on incomplete orthogonal factorization preconditioners. *Journal of Computational and Applied Mathematics*, 226(1):22–41, April 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-

- 1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002185>. Brown:2006:L
- [BE06a] B. M. Brown and M. S. P. Eastham. Extensions of the Kummer evaluation of a finite hypergeometric series. *Journal of Computational and Applied Mathematics*, 194(1): 131–140, September 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004073>. Brown:2006:EKE
- [BE06b] B. M. Brown and M. S. P. Eastham. A note on the Dixon formula for a finite hypergeometric series. *Journal of Computational and Applied Mathematics*, 194(1): 173–175, September 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006303>. Brown:2006:NDF
- [BE06c] B. M. Brown and W. D. Evans. Foreword. *Journal of Computational and Applied Mathematics*, 194(1):1, September 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003961>. Brown:2006:F
- B. M. Brown and W. D. Evans. Laudatum. *Journal of Computational and Applied Mathematics*, 194(1):2, September 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003973>. Brown:2006:L
- B. M. Brown and M. S. P. Eastham. Eigenvalues of the radial p -Laplacian with a potential on $(0, \infty)$. *Journal of Computational and Applied Mathematics*, 208(1): 111–119, November 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006303>. Brown:2007:ERL
- Aurelian Bejancu. Semi-cardinal interpolation and difference equations: From cubic B-splines to a three-direction box-spline construction. *Journal of Computational and Applied Mathematics*, 197(1):62–77, December 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006448>. Bejancu:2006:SCI

Beliakov:2006:ILF

- [Bel06] Gleb Beliakov. Interpolation of Lipschitz functions. *Journal of Computational and Applied Mathematics*, 196(1):20–44, November 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005157> ■

Boutros:2006:LGM

- [BeMBH06] Youssef Z. Boutros, Mina B. Abd el Malek, Nagwa A. Badran, and Hossam S. Hasnan. Lie-group method for unsteady flows in a semi-infinite expanding or contracting pipe with injection or suction through a porous wall. *Journal of Computational and Applied Mathematics*, 197(2):465–494, December 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006941> ■

Benney:2006:CLA

- [Ben06] D. J. Benney. Conservation laws associated with long surface waves. *Journal of Computational and Applied Mathematics*, 190(1–2):136–141, June 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002268> ■

Bennewitz:2007:ANS

- [Ben07] Christer Bennewitz. Approximation numbers = singular values. *Journal of Computational and Applied Mathematics*, 208(1):102–110, November 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006297> ■

Berg:2005:PBF

- [Ber05] Christian Berg. Problem 1. Bernstein functions. *Journal of Computational and Applied Mathematics*, 178(1–2):525–526, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004017> ■

Berggren:2006:VCD

- [Ber06a] Martin Berggren. A vertex-centered, dual discontinuous Galerkin method. *Journal of Computational and Applied Mathematics*, 192(1):175–181, July 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003195> ■

Berrut:2006:CIE

- [Ber06b] Jean-Paul Berrut. A circular interpretation of the Euler–Maclaurin formula. *Journal of Computational and*

- Applied Mathematics*, 189(1–2):375–386, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001408>. **[BF08b]**
- Berg:2007:PSM**
- [Ber07] Christian Berg. On powers of Stieltjes moment sequences, II. *Journal of Computational and Applied Mathematics*, 199(1):23–38, February 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007351>.
- Barbeiro:2005:SLF** [BF09]
- [BF05] S. Barbeiro and J. A. Ferreira. A superconvergent linear FE approximation for the solution of an elliptic system of PDEs. *Journal of Computational and Applied Mathematics*, 177(2):287–300, May 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004261>.
- Belanger:2008:IRO** [BFGM06]
- [BF08a] A. C. Bélanger and P. A. Forsyth. Infinite reload options: Pricing and analysis. *Journal of Computational and Applied Mathematics*, 222(1):54–81, December 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005493>. **[Branco:2008:SPH]**
- J. R. Branco and J. A. Ferreira. A singular perturbation of the heat equation with memory. *Journal of Computational and Applied Mathematics*, 218(2):376–394, September 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001975>.
- Borzabadi:2009:NSC**
- Akbar H. Borzabadi and Omid S. Fard. A numerical scheme for a class of nonlinear Fredholm integral equations of the second kind. *Journal of Computational and Applied Mathematics*, 232(2):449–454, October 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270900377X>.
- Bock:2006:DBK**
- [BFGM06] S. Bock, M. I. Falcão, K. Gürlebeck, and H. Malonek. A 3-dimensional Bergman kernel method with applications to rectangular domains. *Journal of Computational and Applied Mathematics*, 189(1–2):67–79, May 1, 2006. CODEN JCAMDI.

ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003614>.

Barrera:2008:MES

[BFGP08]

D. Barrera, M. A. Fortes, P. González, and M. Pasadas. Minimal energy C^r -surfaces on uniform Powell–Sabin-type meshes for noisy data. *Journal of Computational and Applied Mathematics*, 218(2):592–602, September 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000149>.

Branquinho:2009:RHP

[BFM09]

A. Branquinho, U. Fidalgo, and A. Foulquié Moreno. Riemann–Hilbert problem associated with Angelesco systems. *Journal of Computational and Applied Mathematics*, 233(3):643–651, December 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001071>.

Boulaajine:2009:PEE

[BFP09]

L. Boulaajine, M. Farhloul, and L. Paquet. A priori error estimation for the dual mixed finite element method of the elastodynamic problem in a polygonal domain, *I*. *Journal of Computational and Ap-*

plied Mathematics, 231(1):447–472, September 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002210>.

Baruch:2007:HON

[BFT07]

G. Baruch, G. Fibich, and S. Tsynkov. High-order numerical solution of the nonlinear Helmholtz equation with axial symmetry. *Journal of Computational and Applied Mathematics*, 204(2):477–492, July 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003748>.

Barrios:2007:AMF

[BG07a]

Tomás P. Barrios and Gabriel N. Gatica. An augmented mixed finite element method with Lagrange multipliers: a priori and a posteriori error analyses. *Journal of Computational and Applied Mathematics*, 200(2):653–676, March 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000422>.

Bloch:2007:LAA

[BG07b]

Anthony M. Bloch and Michael I. Gekhtman. Lie algebraic aspects of the finite nonperiodic Toda flows.

Journal of Computational and Applied Mathematics, 202(1):3–25, May 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001154>.

Bourdarias:2007:FVS

[BG07c]

C. Bourdarias and S. Gerbi. A finite volume scheme for a model coupling free surface and pressurised flows in pipes. *Journal of Computational and Applied Mathematics*, 209(1):109–131, December 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006686>.

Boyd:2007:NEA

[BG07d]

John P. Boyd and Daniel H. Gally. Numerical experiments on the accuracy of the Chebyshev–Frobenius companion matrix method for finding the zeros of a truncated series of Chebyshev polynomials. *Journal of Computational and Applied Mathematics*, 205(1):281–295, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003177>.

Brandes:2007:QSA

[BG07e]

Kerstin Brandes and Roland

Griesse. Quantitative stability analysis of optimal solutions in PDE-constrained optimization. *Journal of Computational and Applied Mathematics*, 206(2):908–926, September 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005401>.

Bruno:2007:IST

[BG07f]

Oscar P. Bruno and Christophe A. Geuzaine. An $\mathcal{O}(1)$ integration scheme for three-dimensional surface scattering problems. *Journal of Computational and Applied Mathematics*, 204(2):463–476, July 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003736>.

Bellen:2009:SND

[BG09]

Alfredo Bellen and Nicola Guglielmi. Solving neutral delay differential equations with state-dependent delays. *Journal of Computational and Applied Mathematics*, 229(2):350–362, July 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001568>.

- [BGG07] **Burenkov:2007:NSC**
 Viktor I. Burenkov, Huseyn V. Guliyev, and Vagif S. Guliyev. Necessary and sufficient conditions for the boundedness of fractional maximal operators in local Morrey-type spaces. *Journal of Computational and Applied Mathematics*, 208(1):280–301, November 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006406>.
- [BGG08] **Bourdarias:2008:KFM**
 C. Bourdarias, S. Gerbi, and M. Gisclon. A kinetic formulation for a model coupling free surface and pressurised flows in closed pipes. *Journal of Computational and Applied Mathematics*, 218(2): 522–531, September 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004815>.
- [BGGC07] **Bottcher:2007:MCQ**
 Albrecht Böttcher, Jesús Gutiérrez-Gutiérrez, and Pedro M. Crespo. Mass concentration in quasicommutators of Toeplitz matrices. *Journal of Computational and Applied Mathematics*, 205(1): 129–148, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006480>.
- [BGJ07] **Berselli:2007:ACE**
 Luigi C. Berselli, Carlo R. Grisanti, and Volker John. Analysis of commutation errors for functions with low regularity. *Journal of Computational and Applied Mathematics*, 206(2):1027–1045, September 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005760>.
- [BGP07] **Bergamaschi:2007:NES**
 L. Bergamaschi, G. Gambolati, and G. Pini. A numerical experimental study of inverse preconditioning for the parallel iterative solution to 3D finite element flow equations. *Journal of Computational and Applied Mathematics*, 210(1–2): 64–70, December 31, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006480>.
- [BGP09] **Bogani:2009:GPS**
 C. Bogani, M. G. Gasparo, and A. Papini. Generalized pattern search methods for a class of nonsmooth optimization problems with structure. *Journal of Compu-*

tational and Applied Mathematics, 229(1):283–293, July 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005773> ■

Bayon:2005:NDE

[BGRS05]

L. Bayón, J. M. Grau, M. M. Ruiz, and P. M. Suárez. New developments on equivalent thermal in hydrothermal optimization: an algorithm of approximation. *Journal of Computational and Applied Mathematics*, 175(1):63–75, March 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704002468> ■

Bayon:2006:NOH

[BGRS06]

L. Bayón, J. M. Grau, M. M. Ruiz, and P. M. Suárez. Non-smooth optimization of hydrothermal problems. *Journal of Computational and Applied Mathematics*, 192(1):11–19, July 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003031> ■

Barbon:2009:WBD

[BGV⁺09]

Sylvio Barbon, Jr., Rodrigo Capobianco Guido, Lucimar Sasso Vieira, Everthon Silva Fonseca, Fabrício Lopes Sanchez, Paulo Rogério

Scalassara, Carlos Dias Maciel, José Carlos Pereira, and Shi-Huang Chen. Wavelet-based dynamic time warping. *Journal of Computational and Applied Mathematics*, 227(2):271–287, May 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001106> ■

Bultheel:2005:ORF

[BGVHN05]

A. Bultheel, P. González-Vera, E. Hendriksen, and O. Njåstad. Orthogonal rational functions on the real half line with poles in $[-\infty, 0]$. *Journal of Computational and Applied Mathematics*, 179(1–2):121–155, July 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004467> ■

Bultheel:2008:IRM

[BGVHN08]

Adhemar Bultheel, Pablo González-Vera, Erik Hendriksen, and Olav Njåstad. An indeterminate rational moment problem and Carathéodory functions. *Journal of Computational and Applied Mathematics*, 219(2):359–369, October 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002300> ■

Bastani:2007:NAR

- [BH07a] A. Foroush Bastani and S. Mohammad Hosseini. A new adaptive Runge–Kutta method for stochastic differential equations. *Journal of Computational and Applied Mathematics*, 206(2):631–644, September 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005103>.

Boglaev:2007:UCW

- [BH07b] Igor Boglaev and Matthew Hardy. Uniform convergence of a weighted average scheme for a nonlinear reaction–diffusion problem. *Journal of Computational and Applied Mathematics*, 200(2):705–721, March 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000689>.

Burman:2007:USM

- [BH07c] Erik Burman and Peter Hansbo. A unified stabilized method for Stokes’ and Darcy’s equations. *Journal of Computational and Applied Mathematics*, 198(1):35–51, January 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007053>.

Bastani:2009:MSS

- [BH09] A. Foroush Bastani and S. Mohammad Hosseini. On mean-square stability properties of a new adaptive stochastic Runge–Kutta method. *Journal of Computational and Applied Mathematics*, 224(2):556–564, February 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002628>.

Bonan-Hamada:2005:SCF

- [BHJ05] Catherine M. Bonan-Hamada and William B. Jones. Stieltjes continued fractions for polygamma functions; speed of convergence. *Journal of Computational and Applied Mathematics*, 179(1–2):47–55, July 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270400442X>.

Buffa:2007:DGC

- [BHP07] Annalisa Buffa, Paul Houston, and Ilaria Perugia. Discontinuous Galerkin computation of the Maxwell eigenvalues on simplicial meshes. *Journal of Computational and Applied Mathematics*, 204(2):317–333, July 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000000>.

//www.sciencedirect.com/
science/article/pii/S0377042706003608

Bi:2008:SMC

[Bi08a]

Chunjia Bi. Superconvergence of mixed covolume method for elliptic problems on triangular grids. *Journal of Computational and Applied Mathematics*, 216(2):534–544, July 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002932>

//www.sciencedirect.com/
science/article/pii/S0377042706000203

Borggaard:2009:IPM

[BIR09]

Jeff Borggaard, Traian Iliescu, and John Paul Roop. An improved penalty method for power-law Stokes problems. *Journal of Computational and Applied Mathematics*, 223(2):646–658, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000563>

Buyukyazici:2008:DCR

[BI08b]

Ibrahim Büyükyazici and Ertan Ibikli. Direct and converse results for multivariate generalized Bernstein polynomials. *Journal of Computational and Applied Mathematics*, 219(1):145–155, September 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700372X>

[BISS05a]

Barrera:2005:NBQ

D. Barrera, M. J. Ibáñez, P. Sablonnière, and D. Sbibih. Near-best quasi-interpolants associated with H -splines on a three-direction mesh. *Journal of Computational and Applied Mathematics*, 183(1):133–152, November 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000208>

Bingham:2007:RVP

[Bin07]

N. H. Bingham. Regular variation and probability: the early years. *Journal of Computational and Applied Mathematics*, 200(1):357–363, March 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700372X>

[BISS05b]

Barrera:2005:NMN

D. Barrera, M. J. Ibáñez, P. Sablonnière, and D. Sbibih. Near minimally normed spline quasi-interpolants on uniform partitions. *Journal of Computational and Applied Mathematics*, 181(1):211–233, September 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000208>

- (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005813>. ■
- Bojovic:2006:CFD**
- [BJ06] Dejan Bojović and Bosko S. Jovanović. Convergence of finite difference method for the parabolic problem with concentrated capacity and variable operator. *Journal of Computational and Applied Mathematics*, 189(1–2):286–303, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500138X>. ■
- Bartoszewski:2007:DCE**
- [BJ07a] Z. Bartoszewski and Z. Jackiewicz. Derivation of continuous explicit two-step Runge–Kutta methods of order three. *Journal of Computational and Applied Mathematics*, 205(2):764–776, August 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004006>. ■
- Bouhamidi:2007:STR**
- [BJ07b] A. Bouhamidi and K. Jbilou. Sylvester Tikhonov-regularization methods in image restoration. *Journal of Computational and Applied Mathematics*, 206(1):86–98, September 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003839>. ■
- Bartoszewski:2008:CHS**
- [BJ08] Z. Bartoszewski and Z. Jackiewicz. Construction of highly stable parallel two-step Runge–Kutta methods for delay differential equations. *Journal of Computational and Applied Mathematics*, 220(1–2):257–270, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004505>. ■
- Baker:2009:SSV**
- [BJK09] A. H. Baker, E. R. Jessup, and Tz. V. Kolev. A simple strategy for varying the restart parameter in GMRES(m). *Journal of Computational and Applied Mathematics*, 230(2):751–761, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000132>. ■
- Jian:2007:FGM**
- [bJQlZ07] Jin bao Jian, Ran Quan, and Xue lu Zhang. Feasible generalized monotone line search SQP algorithm for nonlinear minimax problems with inequality constraints. *Journal of Computational and Applied Mathematics*, 206(1):86–98, September 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003839>. ■

ics, 205(1):406–429, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600327X>. ■

Bellalij:2008:NCR

[BJS08]

M. Bellalij, K. Jbilou, and H. Sadok. New convergence results on the global GMRES method for diagonalizable matrices. *Journal of Computational and Applied Mathematics*, 219(2): 350–358, October 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005146>. ■

Bouyouli:2006:CPS

[BJS06]

R. Bouyouli, K. Jbilou, R. Sadaka, and H. Sadok. Convergence properties of some block Krylov subspace methods for multiple linear systems. *Journal of Computational and Applied Mathematics*, 196(2): 498–511, November 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006011>. ■

Jian:2009:SCS

[bJxC09]

Jin bao Jian and Wei xin Cheng. A superlinearly convergent strongly subfeasible SSLE-type algorithm

with working set for nonlinearly constrained optimization. *Journal of Computational and Applied Mathematics*, 225(1):172–186, March 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003610>. ■

Jian:2009:MCN

[bJyKyZmT09]

Jin bao Jian, Xiao yan Ke, Hai yan Zheng, and Chun ming Tang. A method combining norm-relaxed QP subproblems with systems of linear equations for constrained optimization. *Journal of Computational and Applied Mathematics*, 223(2): 1013–1027, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001428>. ■

Burstedde:2006:FIS

[BK06]

Carsten Burstedde and Angela Kunoth. Fast iterative solution of elliptic control problems in wavelet discretization. *Journal of Computational and Applied Mathematics*, 196(1):299–319, November 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005650>. ■

Buhmiler:2008:NSQ

- [BK08] Sandra Buhmiler and Natasa Krejić. A new smoothing quasi-Newton method for nonlinear complementarity problems. *Journal of Computational and Applied Mathematics*, 211(2):141–155, February 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007011>.

Burgarelli:2006:NAM

- [BKB06] Denise Burgarelli, Mauricio Kischinhevsky, and Rodney Josué Biezuner. A new adaptive mesh refinement strategy for numerically solving evolutionary PDE's. *Journal of Computational and Applied Mathematics*, 196(1):115–131, November 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005212>.

Bas:2009:FCR

- [BK09a] E. Bas and C. Kahraman. Fuzzy capital rationing model. *Journal of Computational and Applied Mathematics*, 224(2):628–645, February 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800280X>.

Bryan:2007:IML

- [BKT07] Kurt Bryan, Rachel Krieger, and Nic Trainor. Imaging of multiple linear cracks using impedance data. *Journal of Computational and Applied Mathematics*, 200(1):388–407, March 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000239>.

Borhanifar:2009:NPS

- [BK09b] A. Borhanifar and M. M. Kabir. New periodic and soliton solutions by application of exp-function method for nonlinear evolution equations. *Journal of Computational and Applied Mathematics*, 229(1):158–167, July 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005384>.

Blatt:2005:IAP

- [Bla05] Hans-Peter Blatt. The interaction of alternation points and poles in rational approximation. *Journal of Computational and Applied Mathematics*, 179(1–2):31–46, July 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004418>.

- [BLL07] **Brown:2007:P**
 B. M. Brown, J. Lang, and R. T. Lewis. Preface. *Journal of Computational and Applied Mathematics*, 208 (1):1–2, November 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006224>.
- [BLP07] **Bruti-Liberati:2007:SAS**
 Nicola Bruti-Liberati and Eckhard Platen. Strong approximations of stochastic differential equations with jumps. *Journal of Computational and Applied Mathematics*, 205(2):982–1001, August 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004183>.
- [BLR07] **Baguelin:2007:HDP**
 Marc Baguelin, Jacques LeFèvre, and Jean-Pierre Richard. How to deal with potentially huge dimensional state space: the meta-dynamics approach-application to a model of the co-evolution of bacteriophage populations. *Journal of Computational and Applied Mathematics*, 205(2):687–695, August 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002293>.
- [BLT09] **Benner:2009:AMS**
 Peter Benner, Ren-Cang Li, and Ninoslav Truhar. On the ADI method for Sylvester equations. *Journal of Computational and Applied Mathematics*, 233 (4):1035–1045, December 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709006050>.
- [BLW06] **Bao:2006:NSN**
 Gang Bao, Ying Li, and Haijun Wu. Numerical solution of nonlinear diffraction problems. *Journal of Computational and Applied Mathematics*, 190(1–2):170–189, June 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001299>.
- [BM06] **Berenhaut:2006:SOB**
 Kenneth S. Berenhaut and Daniel C. Morton. Second-order bounds for linear recurrences with negative coefficients. *Journal of Computational and Applied Mathematics*, 186(2):504–522, February 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001299>.

- [BM07a] **Beltran:2007:CQH** J. V. Beltran and J. Mon-
terde. A characterization
of quintic helices. *Journal
of Computational and Ap-
plied Mathematics*, 206(1):
116–121, September 1, 2007.
CODEN JCAMDI. ISSN
0377-0427 (print), 1879-1778
(electronic). URL [http:
//www.sciencedirect.com/
science/article/pii/S0377042706003852](http://www.sciencedirect.com/science/article/pii/S0377042706003852)
- [BM07b] **Brugnano:2007:BIM** Luigi Brugnano and Cecilia
Magherini. Blended implicit
methods for solving ODE and
DAE problems, and their ex-
tension for second-order prob-
lems. *Journal of Computa-
tional and Applied Mathemat-
ics*, 205(2):777–790, August
15, 2007. CODEN JCAMDI.
ISSN 0377-0427 (print), 1879-
1778 (electronic). URL [http:
//www.sciencedirect.com/
science/article/pii/S0377042706004018](http://www.sciencedirect.com/science/article/pii/S0377042706004018)
- [BM08a] **Babolian:2008:DMS** E. Babolian and Z. Ma-
souri. Direct method to
solve Volterra integral equa-
tion of the first kind using
operational matrix with
block-pulse functions. *Jour-
nal of Computational and
Applied Mathematics*, 220(1–
2):51–57, October 15, 2008.
CODEN JCAMDI. ISSN
0377-0427 (print), 1879-1778
(electronic). URL [http:
//www.sciencedirect.com/
science/article/pii/S0377042707004153](http://www.sciencedirect.com/science/article/pii/S0377042707004153)
- [BM08b] **Benes:2008:CMH** Michal Benes and Petr Mayer.
Coupled model of hygro-
thermal behavior of con-
crete during fire. *Journal
of Computational and Ap-
plied Mathematics*, 218(1):
12–20, August 15, 2008.
CODEN JCAMDI. ISSN
0377-0427 (print), 1879-1778
(electronic). URL [http:
//www.sciencedirect.com/
science/article/pii/S0377042707003226](http://www.sciencedirect.com/science/article/pii/S0377042707003226)
- [BMC09] **Bountis:2009:AGM** T. Bountis, T. Manos, and
H. Christodoulidi. Appli-
cation of the GALI method
to localization dynamics in
nonlinear systems. *Jour-
nal of Computational and
Applied Mathematics*, 227
(1):17–26, May 1, 2009.
CODEN JCAMDI. ISSN
0377-0427 (print), 1879-1778
(electronic). URL [http:
//www.sciencedirect.com/
science/article/pii/S0377042708003269](http://www.sciencedirect.com/science/article/pii/S0377042708003269)
- [BMfX07] **Bai:2007:LCI** Zheng-Jian Bai, Benedetta
Morini, and Shu fang Xu.
On the local convergence of
an iterative approach for in-
verse singular value prob-
lems. *Journal of Computa-
tional and Applied Mathemat-
ics*, 198(2):344–360, January
15, 2007. CODEN JCAMDI.
ISSN 0377-0427 (print), 1879-
1778 (electronic). URL [http:
//www.sciencedirect.com/
science/article/pii/S0377042705007193](http://www.sciencedirect.com/science/article/pii/S0377042705007193)

- [BMM06] **Brugnano:2006:BIM**
Luigi Brugnano, Cecilia Magherini, and Filippo Mugnai. Blended implicit methods for the numerical solution of DAE problems. *Journal of Computational and Applied Mathematics*, 189(1–2):34–50, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003316>.
- [BMS05] **Barrio:2005:GEOa**
R. Barrio, B. Melendo, and S. Serrano. Generation and evaluation of orthogonal polynomials in discrete Sobolev spaces. I: algorithms. *Journal of Computational and Applied Mathematics*, 181(2):280–298, September 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005850>.
- [BMW08] **Beckermann:2008:RGP**
Bernhard Beckermann, Ana C. Matos, and Franck Wielonsky. Reduction of the Gibbs phenomenon for smooth functions with jumps by the ϵ -algorithm. *Journal of Computational and Applied Mathematics*, 219(2):329–349, October 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003214>.
- [BN08a] **Babuska:2008:BVP**
Ivo Babuska and Victor Nistor. Boundary value problems in spaces of distributions on smooth and polygonal domains. *Journal of Computational and Applied Mathematics*, 218(1):137–148, August 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003354>.
- [BN08b] **Banas:2008:AFE**
L'ubomír Banas and Robert Nürnberg. Adaptive finite element methods for Cahn–Hilliard equations. *Journal of Computational and Applied Mathematics*, 218(1):2–11, August 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003214>.
- [BNDN09] **Braysy:2009:OAC**
Olli Bräysy, Pentti Nakari, Wout Dullaert, and Pekka Neittaanmäki. An optimization approach for communal home meal delivery service: a case study. *Journal of Computational and Applied Mathematics*, 232(1):46–53, October 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003214>.

0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005438> ■

Bnouhachem:2007:APS

[Bno07a]

Abdellah Bnouhachem. An additional projection step to He and Liao's method for solving variational inequalities. *Journal of Computational and Applied Mathematics*, 206(1):238–250, September 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004389> ■

Bnouhachem:2007:IIM

[Bno07b]

Abdellah Bnouhachem. An inexact implicit method for general mixed variational inequalities. *Journal of Computational and Applied Mathematics*, 200(1):377–387, March 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000227> ■

Barnard:2006:UWI

[BNP06]

R. W. Barnard, S. Naik, and S. Ponnusamy. Univalence of weighted integral transforms of certain functions. *Journal of Computational and Applied Mathematics*, 193(2): 638–651, September 1, 2006. CODEN JCAMDI. ISSN

0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500436X> ■

Bretti:2007:NAS

G. Bretti, R. Natalini, and B. Piccoli. Numerical algorithms for simulations of a traffic model on road networks. *Journal of Computational and Applied Mathematics*, 210(1–2):71–77, December 31, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006492> ■

Boulaajine:2008:DMF

L. Boulaajine, S. Nicaise, L. Paquet, and Rafilipojaona. Dual mixed finite element methods for the elasticity problem with Lagrange multipliers. *Journal of Computational and Applied Mathematics*, 221(1): 234–260, November 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005936> ■

Babuska:2008:GFE

Ivo Babuska, Victor Nistor, and Nicolae Tarfulea. Generalized finite element method for second-order elliptic operators with Dirichlet boundary conditions. *Jour-*

[BNT08]

- nal of Computational and Applied Mathematics*, 218(1): 175–183, August 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003391> ■
- [Bog05a] **Boglaev:2005:BMD** Igor Boglaev. A block monotone domain decomposition algorithm for a semilinear convection–diffusion problem. *Journal of Computational and Applied Mathematics*, 173(2):259–277, January 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704001566> ■
- [Bog05b] **Boglaev:2005:MSI** Igor Boglaev. Monotone Schwarz iterates for a semilinear parabolic convection–diffusion problem. *Journal of Computational and Applied Mathematics*, 183(1): 191–209, November 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000257> ■
- [Bor07] **Borzi:2007:HOD** A. Borzi. High-order discretization and multigrid solution of elliptic nonlinear constrained optimal control problems. *Journal of Computational and Applied Mathematics*, 200(1):67–85, March 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007971> ■
- [Bou07a] **Boubendir:2007:ABF** Yassine Boubendir. An analysis of the BEM–FEM non-overlapping domain decomposition method for a scattering problem. *Journal of Computational and Applied Mathematics*, 204(2):282–291, July 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003578> ■
- [Bou07b] **Bouhamidi:2007:EES** A. Bouhamidi. Error estimates in Sobolev spaces for interpolating thin plate splines under tension. *Journal of Computational and Applied Mathematics*, 200(1):208–216, March 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500806X> ■
- [Boy09] **Boyd:2009:CEI** John P. Boyd. Chebyshev expansion on intervals with branch points with application to the root of Kepler’s equation: a Chebyshev–Hermite–Padé method. *Jour-*

- nal of Computational and Applied Mathematics*, 223(2): 693–702, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000678> ■
- [BP05] **Baker:2005:IIF** [BP09] C. T. H. Baker and E. I. Parmuzin. Identification of the initial function for discretized delay differential equations. *Journal of Computational and Applied Mathematics*, 181(2):420–441, September 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005941> ■
- [BP06] **Bacchelli:2006:IDU** [BR07a] Silvia Bacchelli and Serena Papi. Image denoising using principal component analysis in the wavelet domain. *Journal of Computational and Applied Mathematics*, 189(1–2):606–621, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002815> ■
- [BP07] **Bacchelli:2007:SBM** [BR07b] S. Bacchelli and S. Papi. Statistically based multi-wavelet denoising. *Journal of Computational and Applied Mathematics*, 210(1–2): 47–55, December 31, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006467> ■
- Bojanov:2009:QFF** Borislav Bojanov and Guergana Petrova. Quadrature formulas for Fourier coefficients. *Journal of Computational and Applied Mathematics*, 231(1):378–391, September 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001836> ■
- Baglama:2007:DML** James Baglama and Lothar Reichel. Decomposition methods for large linear discrete ill-posed problems. *Journal of Computational and Applied Mathematics*, 198(2):332–343, January 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007181> ■
- Bi:2007:UCF** Chunjia Bi and Hongxing Rui. Uniform convergence of finite volume element method with Crouzeix–Raviart element for non-self-adjoint and indefinite elliptic problems. *Journal of Computa-*

- tional and Applied Mathematics*, 200(2):555–565, March 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000355> ■
- Branquinho:2009:DEL**
- [BR09] A. Branquinho and M. N. Rebelo. Distributional equation for Laguerre–Hahn functionals on the unit circle. *Journal of Computational and Applied Mathematics*, 233(3):634–642, December 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270900106X> ■
- Bracken:2007:GWS**
- [Bra07a] Paul Bracken. The generalized Weierstrass system inducing surfaces of constant and nonconstant mean curvature in Euclidean three space. *Journal of Computational and Applied Mathematics*, 202(1):122–132, May 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001105> ■
- Bratsos:2007:STD**
- [Bra07b] A. G. Bratsos. The solution of the two-dimensional sine-Gordon equation using the method of lines. *Journal of Computational and Applied Mathematics*, 206(1):251–277, September 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600447X> ■
- Barrera-Rosillo:2009:MQI**
- [BRIP09] Domingo Barrera-Rosillo and María José Ibáñez-Pérez. Minimizing the quasi-interpolation error for bivariate discrete quasi-interpolants. *Journal of Computational and Applied Mathematics*, 224(1):250–268, February 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002069> ■
- Bai:2009:P**
- [BRS09] Zhong-Zhi Bai, Lothar Reichel, and Zhong-Ci Shi. Preface. *Journal of Computational and Applied Mathematics*, 226(1):1, April 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800215X> ■
- Brumen:2008:FAN**
- [Bru08] Gorazd Brumen. A fast algorithm for numerical solutions to Fortet’s equation. *Journal of Computational and Applied Mathematics*, 220(1–2):574–587, October 15, 2008. CODEN JCAMDI. ISSN

- 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004888>.
Brunner:2009:RAN
- [Bru09] Hermann Brunner. Recent advances in the numerical analysis of Volterra functional differential equations with variable delays. *Journal of Computational and Applied Mathematics*, 228(2):524–537, June 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001349>.
Backofen:2007:MAM
- [BRVWM07] Rainer Backofen, Angel Ribalta, Axel Voigt, and Dirk Wulff-Molder. BaF₂ for microlithography applications: modeling, simulation and optimization of the crystal growth process. *Journal of Computational and Applied Mathematics*, 203(2):362–375, June 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002299>.
Bi:2009:TSI
- [BRW09] Weihong Bi, Hongmin Ren, and Qingbiao Wu. Three-step iterative methods with eighth-order convergence for solving nonlinear equations. *Journal of Computational and Applied Mathematics*, 225(1):105–112, March 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003555>.
Barrio:2005:GEOb
- [BS05] R. Barrio and S. Serrano. Generation and evaluation of orthogonal polynomials in discrete Sobolev spaces II: numerical stability. *Journal of Computational and Applied Mathematics*, 181(2):299–320, September 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005862>.
Barrieu:2006:IIG
- [BS06] Pauline Barrieu and Wim Schoutens. Iterates of the infinitesimal generator and space-time harmonic polynomials of a Markov process. *Journal of Computational and Applied Mathematics*, 186(1):300–323, February 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002517>.
Bessaih:2007:UBR
- [BS07] H. Bessaih and H. Schurz. Upper bounds on the rate of convergence of trun-

- cated stochastic infinite-dimensional differential systems with H -regular noise. [BS09a]
Journal of Computational and Applied Mathematics, 208(2):354–361, November 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005887> ■
- [BS08a] E. Babolian and A. Salimi Shamloo. Numerical solution of Volterra integral and integro-differential equations of convolution type by using operational matrices of piecewise constant orthogonal functions. *Journal of Computational and Applied Mathematics*, 214(2):495–508, May 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001513> ■
- [BS08b] S. J. Berridge and J. M. Schumacher. An irregular grid approach for pricing high-dimensional American options. *Journal of Computational and Applied Mathematics*, 222(1):94–111, December 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005511> ■
- [BS09b] E. Babolian and A. Shahsavaran. Numerical solution of nonlinear Fredholm integral equations of the second kind using Haar wavelets. *Journal of Computational and Applied Mathematics*, 225(1):87–95, March 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003221> ■
- [BS09c] Silvia Bonettini and Thomas Serafini. Non-negatively constrained image deblurring with an inexact interior point method. *Journal of Computational and Applied Mathematics*, 231(1):236–248, September 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000570> ■
- [Boonchari:2009:WSC] Daruni Boonchari and Satit Saejung. Weak and strong convergence theorems of an implicit iteration for a countable family of continuous pseudocontractive mappings. *Journal of Computational and Applied Mathematics*, 233(4):1108–1116, December 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000570> ■
- [Babolian:2008:NSV] E. Babolian and A. Salimi Shamloo. Numerical solution of Volterra integral and integro-differential equations of convolution type by using operational matrices of piecewise constant orthogonal functions. *Journal of Computational and Applied Mathematics*, 214(2):495–508, May 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001513> ■
- [Babolian:2009:NSN] E. Babolian and A. Shahsavaran. Numerical solution of nonlinear Fredholm integral equations of the second kind using Haar wavelets. *Journal of Computational and Applied Mathematics*, 225(1):87–95, March 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003221> ■
- [Berridge:2008:IGA] S. J. Berridge and J. M. Schumacher. An irregular grid approach for pricing high-dimensional American options. *Journal of Computational and Applied Mathematics*, 222(1):94–111, December 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005511> ■
- [Bonettini:2009:NNC] Silvia Bonettini and Thomas Serafini. Non-negatively constrained image deblurring with an inexact interior point method. *Journal of Computational and Applied Mathematics*, 231(1):236–248, September 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000570> ■

- [//www.sciencedirect.com/science/article/pii/S0377042709006293](http://www.sciencedirect.com/science/article/pii/S0377042709006293) (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002921>
- [BSC07a] **Basto:2007:DSS**
Mário Basto, Viriato Semiao, and Francisco Calheiros. Dynamics in spectral solutions of Burgers equation. *Journal of Computational and Applied Mathematics*, 205(1): 296–304, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003189>
- [BSC07b] **Basto:2007:NSM**
Mário Basto, Viriato Semiao, and Francisco L. Calheiros. Numerical study of modified Adomian’s method applied to Burgers equation. *Journal of Computational and Applied Mathematics*, 206(2): 927–949, September 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005413>
- [BSC09] **Basto:2009:DSN**
Mário Basto, Viriato Semiao, and Francisco Calheiros. Dynamics and synchronization of numerical solutions of the Burgers equation. *Journal of Computational and Applied Mathematics*, 231(2): 793–806, September 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003537>
- [BSKS07] **Bujurke:2007:WMA**
N. M. Bujurke, C. S. Salimath, Ramesh B. Kudennatti, and S. C. Shiralashetti. Wavelet-multigrid analysis of squeeze film characteristics of poroelastic bearings. *Journal of Computational and Applied Mathematics*, 203(1):237–248, June 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001993>
- [BSMT09] **Bayon:2009:IFE**
L. Bayón, P. Suárez, J. M. Matías, and J. Taboada. Influence of forecasting electricity prices in the optimization of complex hydrothermal systems. *Journal of Computational and Applied Mathematics*, 232(2):262–274, October 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003537>
- [BSS08] **Bujurke:2008:CES**
N. M. Bujurke, C. S. Salimath, and S. C. Shiralashetti. Computation of eigenvalues and solutions of regular Sturm–Liouville problems using Haar wavelets. *Journal of Computational and Ap-*

- plied Mathematics*, 219(1): 90–101, September 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003676>. ■
- [BSS09] **Bujurke:2009:AST** N. M. Bujurke, S. C. Shiralashetti, and C. S. Salimath. An application of single-term Haar wavelet series in the solution of nonlinear oscillator equations. *Journal of Computational and Applied Mathematics*, 227(2):234–244, May 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001076>. ■
- [BSST08] **Barrera:2008:RMC** D. Barrera, D. Sibih, A. Serghini, and A. Tijini. A recursive method for computing interpolants. *Journal of Computational and Applied Mathematics*, 216(2):435–450, July 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002749>. ■
- [BSV08] **Borzi:2008:FNS** A. Borzi, J. Salomon, and S. Volkwein. Formulation and numerical solution of finite-level quantum optimal control problems. *Journal of Computational and Applied Mathematics*, 216(1):170–197, June 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002270>. ■
- [BT06] **Barbatis:2006:CRI** G. Barbatis and A. Tertikas. On a class of Rellich inequalities. *Journal of Computational and Applied Mathematics*, 194(1):156–172, September 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004097>. ■
- [BT09] **Burmen:2009:UDF** Árpád Búrmen and Tadej Tuma. Unconstrained derivative-free optimization by successive approximation. *Journal of Computational and Applied Mathematics*, 223(1):62–74, January 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707006681>. ■
- [BTI08] **Belward:2008:DES** John A. Belward, Ian W. Turner, and Milos Ilić. On derivative estimation and the solution of least squares problems. *Journal of Computational and Applied Mathematics*, 216(1):170–197, June 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002270>. ■

matics, 222(2):511–523, December 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707006280>.

Bozkaya:2007:FSC

[BTS07]

C. Bozkaya and M. Tezer-Sezgin. Fundamental solution for coupled magnetohydrodynamic flow equations. *Journal of Computational and Applied Mathematics*, 203(1):125–144, June 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001786>.

Benito:2007:SPH

[BUG07]

J. J. Benito, F. Ureña, and L. Gavete. Solving parabolic and hyperbolic equations by the generalized finite difference method. *Journal of Computational and Applied Mathematics*, 209(2):208–233, December 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600687X>.

Binding:2006:IOS

[BV06]

P. A. Binding and H. Volkmer. Interlacing and oscillation for Sturm–Liouville problems with separated and coupled boundary conditions.

Journal of Computational and Applied Mathematics, 194(1):75–93, September 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004048>.

Bai:2006:RPC

[BW06]

Zhong-Zhi Bai and Zeng-Qi Wang. Restrictive preconditioners for conjugate gradient methods for symmetric positive definite linear systems. *Journal of Computational and Applied Mathematics*, 187(2):202–226, March 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001536>.

Breuss:2007:SSS

[BW07a]

M. Breuß and M. Welk. Staircasing in semidiscrete stabilised inverse linear diffusion algorithms. *Journal of Computational and Applied Mathematics*, 206(1):520–533, September 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005024>.

Buckwar:2007:ILM

[BW07b]

Evelyn Buckwar and Renate Winkler. Improved linear multi-step methods for stochastic ordinary differ-

- ential equations. *Journal of Computational and Applied Mathematics*, 205(2): 912–922, August 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004122>. ■
- [BXC09] Honghuan Bai, Aimin Xu, and Feng Cui. Representation for the Lagrangian numerical differentiation formula involving elementary symmetric functions. *Journal of Computational and Applied Mathematics*, 231(2): 907–913, September 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003203>. ■
- [BY09] Dimitri P. Bertsekas and Huizhen Yu. Projected equation methods for approximate solution of large linear systems. *Journal of Computational and Applied Mathematics*, 227(1):27–50, May 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003270>. ■
- [ByXy05a] Guo Ben-yu and Zhang Xiaoyong. A new generalized Laguerre spectral approximation and its applications. *Journal of Computational and Applied Mathematics*, 181(2):342–363, September 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005904>. ■
- [ByXy05b] Guo Ben-yu and Zhang Xiaoyong. A new generalized Laguerre spectral approximation and its applications. *Journal of Computational and Applied Mathematics*, 184(2):382–403, December 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000385>. ■ See erratum [ByXy06].
- [ByXy06] Guo Ben-yu and Zhang Xiaoyong. Erratum to “A new generalized Laguerre spectral approximation and its applications” [J. Comput. Appl. Math. **184** (2005) 382–403]. *Journal of Computational and Applied Mathematics*, 196(1):211, November 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005583>. ■ See [ByXy05b].

- Ceng:2009:ISE**
- [CAHAY09] L.-C. Ceng, S. Al-Homidan, Q. H. Ansari, and J.-C. Yao. An iterative scheme for equilibrium problems and fixed point problems of strict pseudo-contraction mappings. *Journal of Computational and Applied Mathematics*, 223(2):967–974, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001179>. ■
- Cakoni:2007:RDQ**
- [Cak07] Fioralba Cakoni. Recent developments in the qualitative approach to inverse electromagnetic scattering theory. *Journal of Computational and Applied Mathematics*, 204(2):242–255, July 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003542>. ■
- Calvetti:2007:PIM**
- [Cal07] Daniela Calvetti. Preconditioned iterative methods for linear discrete ill-posed problems from a Bayesian inversion perspective. *Journal of Computational and Applied Mathematics*, 198(2):378–395, January 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704002201>. ■
- Carlson:2005:JEF**
- [Car05a] B. C. Carlson. Jacobian elliptic functions as inverses of an integral. *Journal of Computational and Applied Mathematics*, 174(2):355–359, February 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007211>. ■
- Cameron:2008:ERR**
- [Cam08] Frank Cameron. Enumeration results for Runge–Kutta methods for index 2 DAEs. *Journal of Computational and Applied Mathematics*, 213(1):294–299, March 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007874>. ■
- Cao:2008:LCP**
- [Cao08] Jinlong Cao. Limit cycles of polynomial differential systems with homogeneous nonlinearities of degree 4 via the averaging method. *Journal of Computational and Applied Mathematics*, 220(1–2):624–631, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004918>. ■

- [Car05b] **Caruntu:2005:SAD**
 Dumitru I. Caruntu. Self-adjoint differential equations for classical orthogonal polynomials. *Journal of Computational and Applied Mathematics*, 180(1):107–118, August 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004807>.
- [Car06] **Carletti:2006:NSS**
 M. Carletti. Numerical solution of stochastic differential problems in the biosciences. *Journal of Computational and Applied Mathematics*, 185(2):422–440, January 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600124X>.
- [Car07] **Carfora:2007:ISG**
 Maria Francesca Carfora. Interpolation on spherical geodesic grids: a comparative study. *Journal of Computational and Applied Mathematics*, 210(1–2):99–105, December 31, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000652>.
- [Cas05] **Cash:2005:ETI**
 J. R. Cash. Efficient time integrators in the numerical method of lines. *Journal of Computational and Applied Mathematics*, 183(2):259–274, November 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000646>.
- Casas:2007:NNI**
 Fernando Casas. New numerical integrators based on solvability and splitting. *Journal of Computational and Applied Mathematics*, 205(2):802–813, August 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004031>.
- Ceng:2009:RVI**
 L.-C. Ceng, Q. H. Ansari, and J. C. Yao. On relaxed viscosity iterative methods for variational inequalities in Banach spaces. *Journal of Computational and Applied Mathematics*, 230(2):813–822, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000351>.
- Carletti:2007:NDI**
 Margherita Carletti and Edoardo Beretta. Numerical detection of instability regions for delay models with delay-dependent param-

- eters. *Journal of Computational and Applied Mathematics*, 205(2):835–848, August 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004067>. ■
- [CBGV05] **Cruz-Barroso:2005:CDF**
Ruymán Cruz-Barroso and Pablo González-Vera. A Christoffel–Darboux formula and a Favard’s theorem for orthogonal Laurent polynomials on the unit circle. *Journal of Computational and Applied Mathematics*, 179(1–2):157–173, July 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004479>. ■
- [CBDGVN07a] **Cruz-Barroso:2007:SOLa**
Ruymán Cruz-Barroso, Leyla Daruis, Pablo González-Vera, and Olav Njåstad. Sequences of orthogonal Laurent polynomials, bi-orthogonality and quadrature formulas on the unit circle. *Journal of Computational and Applied Mathematics*, 200(1):424–440, March 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000252>. ■
- [CBH07] **Csendes:2007:TCA**
Tibor Csendes, Balázs Bánhelyi, and László Hatvani. Towards a computer-assisted proof for chaos in a forced damped pendulum equation. *Journal of Computational and Applied Mathematics*, 199(2):378–383, February 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007752>. ■
- [CBDGVN07b] **Cruz-Barroso:2007:SOLb**
Ruymán Cruz-Barroso, Leyla Daruis, Pablo González-Vera, and Olav Njåstad. Sequences of orthogonal Laurent polynomials, bi-orthogonality and quadrature formulas on the unit circle. *Journal of Computational and Applied Mathematics*, 206(2):950–966, September 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005607>. ■
- [CC05] **Cheikh:2005:CPL**
Y. Ben Cheikh and H. Chagara. Connection problems via lowering operators. *Journal of Computational and Applied Mathematics*, 178(1–2):45–61, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003656>. ■

- [CC06a] **Capobianco:2006:EFP** Giovanni Capobianco and Dajana Conte. An efficient and fast parallel method for Volterra integral equations of Abel type. *Journal of Computational and Applied Mathematics*, 189(1–2):481–493, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001627>.
- [CC06b] **Colin:2006:NMR** M. Colin and T. Colin. A numerical model for the Raman amplification for laser-plasma interaction. *Journal of Computational and Applied Mathematics*, 193(2):535–562, September 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004309>.
- [CC07] **Chinosi:2007:AFG** Claudia Chinosi and Lucia Della Croce. Approximation of functionally graded plates with non-conforming finite elements. *Journal of Computational and Applied Mathematics*, 210(1–2):106–115, December 31, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006534>.
- [CC08] **Capobianco:2008:PAL** G. Capobianco and A. Cardone. A parallel algorithm for large systems of Volterra integral equations of Abel type. *Journal of Computational and Applied Mathematics*, 220(1–2):749–758, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002550>.
- [CC09] **Calabro:2009:BBC** F. Calabrò and G. Capobianco. Blowing up behavior for a class of nonlinear VIEs connected with parabolic PDEs. *Journal of Computational and Applied Mathematics*, 228(2):580–588, June 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001362>.
- [CCCH09] **Chang:2009:AMS** S.-L. Chang, H.-S. Chen, C.-S. Chien, and D. J. Han. An adaptive multigrid scheme for Bose–Einstein condensates in a periodic potential. *Journal of Computational and Applied Mathematics*, 231(1):268–287, September 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000612>.

- [CCD09] **Capobianco:2009:HPP** Giovanni Capobianco, Dajana Conte, and Ida Del Prete. High performance parallel numerical methods for Volterra equations with weakly singular kernels. *Journal of Computational and Applied Mathematics*, 228(2):571–579, June 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001374>.
- [CCK06] **Chrysosoverghi:2006:DMO** I. Chrysosoverghi, I. Coletsos, and B. Kokkinis. Discretization methods for optimal control problems with state constraints. *Journal of Computational and Applied Mathematics*, 191(1):1–31, June 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002591>.
- [CCH06] **Chen:2006:SRH** [CCLS06] Jong-Yi Chen, Yunshyong Chow, and June Hsieh. Some results on a heat conduction problem by myshkis. *Journal of Computational and Applied Mathematics*, 190(1–2):190–199, June 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500230X>.
- [CCJ07] **Chang:2007:EAS** S.-L. Chang, C.-S. Chien, and B.-W. Jeng. An efficient algorithm for the Schrödinger–Poisson eigenvalue problem. *Journal of Computational and Applied Mathematics*, 205(1):509–532, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003359>.
- [CCM07] **Connell:2006:EFS** Cameron R. Connell, Russel E. Caffisch, Erding Luo, and Geoff Simms. The elastic field of a surface step: the Marchenko–Parshin formula in the linear case. *Journal of Computational and Applied Mathematics*, 196(2):368–386, November 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005704>.
- [Cakoni:2007:IES] **Cakoni:2007:IES** Fioralba Cakoni, David Colton, and Peter Monk. The inverse electromagnetic scattering problem for a partially coated dielectric. *Journal of Computational and Applied Mathematics*, 204(2):256–267, July 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003359>.

- [//www.sciencedirect.com/science/article/pii/S0377042706003554](http://www.sciencedirect.com/science/article/pii/S0377042706003554) ■
- Chun:2005:OOE**
- [CCS05] Changbum Chun, Q-Heung Choi, and Michael W. Smiley. Optimal order error estimates for finite element approximations of a bifurcation function. *Journal of Computational and Applied Mathematics*, 181(2): 404–419, September 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270400593X> ■
- [CD06] Dajana Conte and Ida Del Prete. Fast collocation methods for Volterra integral equations of convolution type. *Journal of Computational and Applied Mathematics*, 196(2):652–663, November 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500628X> ■
- Conte:2006:FCM**
- [CCW⁺09] Xiao-Diao Chen, Linqiang Chen, Yigang Wang, Gang Xu, Jun-Hai Yong, and Jean-Claude Paul. Computing the minimum distance between two Bézier curves. *Journal of Computational and Applied Mathematics*, 229(1):294–301, July 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005785> ■
- [CD07a] Bruno Costa and Wai Sun Don. High order hybrid central-WENO finite difference scheme for conservation laws. *Journal of Computational and Applied Mathematics*, 204(2):209–218, July 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003517> ■
- Costa:2007:HOH**
- [CD05] Fioralba Cakoni and Eric Darrigrand. The inverse electromagnetic scattering problem for a mixed boundary value problem for screens. *Journal of Computational and Applied Mathematics*, 174(2):251–269, February 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270400216X> ■
- Costabile:2007:PAF**
- [CD07b] F. A. Costabile and F. Dell’Accio. Polynomial approximation of C^M functions by means of boundary values and applications: a survey. *Journal of Computational and Applied Mathematics*, 210(1–2):

116–135, December 31, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006546>.

Criado:2006:NRC

- [CdAHBR06] R. Criado, A. García del Amo, B. Hernández-Bermejo, and M. Romance. New results on computable efficiency and its stability for complex networks. *Journal of Computational and Applied Mathematics*, 192(1):59–74, July 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003080>.

Costabile:2007:P

- [CDG07] F. A. Costabile, F. Dell’Accio, and M. I. Gualtieri. Preface. *Journal of Computational and Applied Mathematics*, 210(1–2):1, December 31, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006418>.

Costabile:2005:EPE

- [CDL05] F. A. Costabile, F. Dell’Accio, and R. Luceri. Explicit polynomial expansions of regular real functions by means of even order Bernoulli polynomials and boundary values. *Journal of Computational and Applied Mathe-*

matics, 176(1):77–90, April 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003218>.

Campagna:2007:EAR

- [CDM07a] R. Campagna, L. D’Amore, and A. Murli. An efficient algorithm for regularization of Laplace transform inversion in real case. *Journal of Computational and Applied Mathematics*, 210(1–2):84–98, December 31, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006510>.

Cuomo:2007:EAC

- [CDM07b] S. Cuomo, L. D’Amore, and A. Murli. Error analysis of a collocation method for numerically inverting a Laplace transform in case of real samples. *Journal of Computational and Applied Mathematics*, 210(1–2):149–158, December 31, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600656X>.

Cuomo:2007:CIL

- [CDMR07] S. Cuomo, L. D’Amore, A. Murli, and M. Rizzardi. Computation of the inverse Laplace transform based on

a collocation method which uses only real values. *Journal of Computational and Applied Mathematics*, 198(1): 98–115, January 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007089> ■

Caliari:2007:HS

[CDV07]

Marco Caliari, Stefano De Marchi, and Marco Vianello. Hyperinterpolation on the square. *Journal of Computational and Applied Mathematics*, 210(1–2):78–83, December 31, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006509> ■

Caliari:2008:BLI

[CDV08]

Marco Caliari, Stefano De Marchi, and Marco Vianello. Bivariate Lagrange interpolation at the Padua points: Computational aspects. *Journal of Computational and Applied Mathematics*, 221(2): 284–292, November 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005614> ■

Carvalho:2007:ILS

[CdVT07]

Jonas C. Carvalho, Marco Túllio M. B. de Vilhena,

and Mark Thompson. An iterative Langevin solution for turbulent dispersion in the atmosphere. *Journal of Computational and Applied Mathematics*, 206(1): 534–548, September 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005036> ■

Conradie:2006:EAD

[CdWJ06]

W. J. Conradie, T. de Wet, and M. Jankowitz. Exact and asymptotic distributions of LULU smoothers. *Journal of Computational and Applied Mathematics*, 186(1): 253–267, February 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001998> ■

Ciarlet:2006:P

[CDZ06]

Philippe G. Ciarlet, Hui-Hui Dai, and Qiang Zhang. Preface. *Journal of Computational and Applied Mathematics*, 190(1–2):1–2, June 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002177> ■

Calabro:2009:ECC

[CE09]

F. Calabrò and A. Corbo Esposito. An evaluation of Clenshaw–Curtis quadrature

rule for integration w.r.t. singular measures. *Journal of Computational and Applied Mathematics*, 229(1):120–128, July 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005256>■

Coluccio:2008:GLB

[CEF08]

Loredana Coluccio, Alfredo Eisinberg, and Giuseppe Fedele. Gauss–Lobatto to Bernstein polynomials transformation. *Journal of Computational and Applied Mathematics*, 222(2):690–700, December 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707006498>■

Chrispell:2009:FSM

[CEJ09]

J. C. Chrispell, V. J. Ervin, and E. W. Jenkins. A fractional step θ -method approximation of time-dependent viscoelastic fluid flow. *Journal of Computational and Applied Mathematics*, 232(2):159–175, October 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003306>■

Cen:2008:SOD

[Cen08]

Zhongdi Cen. A second- [CFL05]

order difference scheme for a parameterized singular perturbation problem. *Journal of Computational and Applied Mathematics*, 221(1):174–182, November 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005341>■

Criado:2007:CLC

[CFGVP07]

R. Criado, J. Flores, M. I. González-Vasco, and J. Pello. Choosing a leader on a complex network. *Journal of Computational and Applied Mathematics*, 204(1):10–17, July 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002342>■

Campo:2006:ATF

[CFHM06]

M. Campo, J. R. Fernández, and T.-V. Hoarau-Mantel. Analysis of two frictional viscoplastic contact problems with damage. *Journal of Computational and Applied Mathematics*, 196(1):180–197, November 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005352>■

Cheng:2005:SPP

Hao Cheng, Shu-Cherng

- Fang, and John E. Lavery. Shape-preserving properties of univariate cubic L_1 splines. *Journal of Computational and Applied Mathematics*, 174(2):361–382, February 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704002213>. [CFS09]
- Calvo:2008:SPE**
- [CFMR08] M. Calvo, J. M. Franco, J. I. Montijano, and L. Rández. Structure preservation of exponentially fitted Runge–Kutta methods. *Journal of Computational and Applied Mathematics*, 218(2):421–434, September 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700249X>. [CFV06]
- Calvo:2009:SOS**
- [CFMR09] M. Calvo, J. M. Franco, J. I. Montijano, and L. Rández. Sixth-order symmetric and symplectic exponentially fitted Runge–Kutta methods of the Gauss type. *Journal of Computational and Applied Mathematics*, 223(1):387–398, January 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000307>. [CG05]
- Campo:2009:DCB**
- M. Campo, J. R. Fernández, and A. Silva. Damageable contact between an elastic body and a rigid foundation. *Journal of Computational and Applied Mathematics*, 224(2):646–657, February 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002902>. [Campo:2006:NAS]
- Campo:2006:NAS**
- M. Campo, J. R. Fernández, and J. M. Viaño. Numerical analysis and simulations of a quasistatic frictional contact problem with damage in viscoelasticity. *Journal of Computational and Applied Mathematics*, 192(1):30–39, July 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003055>. [Coombs:2005:CAK]
- Coombs:2005:CAK**
- Daniel Coombs and Byron Goldstein. T cell activation: Kinetic proof-reading, serial engagement and cell adhesion. *Journal of Computational and Applied Mathematics*, 184(1):121–139, December 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000737>. [Coombs:2005:CAK]

- Ciarlet:2006:CGK**
- [CG06] Philippe G. Ciarlet and Liliana Gratie. From the classical to the generalized von Kármán and Marguerre–von Kármán equations. *Journal of Computational and Applied Mathematics*, 190(1–2):470–486, June 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002475>. ■
- Cui:2007:SST**
- [CG07] Minggen Cui and Fazhan Geng. Solving singular two-point boundary value problem in reproducing kernel space. *Journal of Computational and Applied Mathematics*, 205(1):6–15, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002524>. ■
- Calvete:2008:BMP**
- [CG08a] Herminia I. Calvete and Carmen Galé. Bilevel multiplicative problems: a penalty approach to optimality and a cutting plane based algorithm. *Journal of Computational and Applied Mathematics*, 218(2):259–269, September 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002713>. ■
- Carnicer:2008:CPL**
- [CG08b] J. M. Carnicer and M. Gasca. Cubic pencils of lines and bivariate interpolation. *Journal of Computational and Applied Mathematics*, 219(2):370–382, October 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000258>. ■
- Conti:2007:TPF**
- [CGP07] Costanza Conti, Laura Gori, and Francesca Pitolli. Totally positive functions through nonstationary subdivision schemes. *Journal of Computational and Applied Mathematics*, 200(1):255–265, March 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705008101>. ■
- Chen:2009:LCD**
- [CGP09] Jein-Shan Chen, Hung-Ta Gao, and Shaohua Pan. An R -linearly convergent derivative-free algorithm for nonlinear complementarity problems based on the generalized Fischer–Burmeister merit function. *Journal of Computational and Applied Mathematics*, 232(2):455–471, October 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002713>. ■

0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003781>.

Calvo:2008:GEE

[CGPM08]

M. Calvo, S. González-Pinto, and J. I. Montijano. Global error estimation based on the tolerance proportionality for some adaptive Runge–Kutta codes. *Journal of Computational and Applied Mathematics*, 218(2): 329–341, September 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001240>.

[CH09]

Conti:2008:AGB

[CGPS08]

Costanza Conti, Laura Gori, Francesca Pitolli, and Paul Sablonnière. Approximation by GP box-splines on a four-direction mesh. *Journal of Computational and Applied Mathematics*, 221(2): 310–329, November 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700564X>.

[Cha07]

Castro:2008:SSW

[CGRGVP08]

M. J. Castro, J. A. García-Rodríguez, J. M. González-Vida, and C. Parés. Solving shallow-water systems in 2D domains using finite volume methods and multime-

[Cha08]

dia SSE instructions. *Journal of Computational and Applied Mathematics*, 221(1): 16–32, November 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005201>.

Chun:2009:HOA

S. Chun and J. S. Hesthaven. High-order accurate thin layer approximations for time-domain electromagnetics. Part I: General metal backed coatings. *Journal of Computational and Applied Mathematics*, 231(2): 598–611, September 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002520>.

Chanane:2007:CSN

B. Chanane. Computing the spectrum of non-self-adjoint Sturm–Liouville problems with parameter-dependent boundary conditions. *Journal of Computational and Applied Mathematics*, 206(1): 229–237, September 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004377>.

Chanane:2008:SLP

B. Chanane. Sturm–Liouville

- problems with parameter dependent potential and boundary conditions. *Journal of Computational and Applied Mathematics*, 212(2): 282–290, March 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007308>. [Che05]
- Criado:2007:AEE**
- [CHBMBR07] R. Criado, B. Hernández-Bermejo, J. Marco-Blanco, and M. Romance. Asymptotic estimates for efficiency, vulnerability and cost for random networks. *Journal of Computational and Applied Mathematics*, 204(1):166–171, July 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002482>. [Che08]
- Chen:2005:ERP**
- [CHCW05] Shihua Chen, Jia Hu, Li Chen, and Changping Wang. Existence results for n -point boundary value problem of second order ordinary differential equations. *Journal of Computational and Applied Mathematics*, 180(2): 425–432, August 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005424>. [Che09]
- Chen:2005:NNP**
- Fengde Chen. On a nonlinear nonautonomous predator-prey model with diffusion and distributed delay. *Journal of Computational and Applied Mathematics*, 180(1):33–49, August 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004777>. [Che05]
- Cheng:2008:EEF**
- Ting Cheng. Error estimate of a first-order time discretization scheme for the geodynamo equations. *Journal of Computational and Applied Mathematics*, 219(1): 35–50, September 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003615>. [Che08]
- Cheung:2009:SDI**
- Wing-Sum Cheung. Sharp discrete inequalities and applications to discrete variational problems. *Journal of Computational and Applied Mathematics*, 232(2): 176–186, October 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270900332X>. [Che09]

- [Chi05] **Chihara:2005:PDS**
 T. S. Chihara. Problem 2. On the derived set of the spectrum. *Journal of Computational and Applied Mathematics*, 178(1-2):527–528, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004029>.
- [CHL09] **Chen:2009:QBE**
 Aiyong Chen, Wentao Huang, and Jibin Li. Qualitative behavior and exact travelling wave solutions of the Zhiber-Shabat equation. *Journal of Computational and Applied Mathematics*, 230(2):559–569, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708006511>.
- [CHJL08] **Chien:2008:TGD**
 C.-S. Chien, H.-T. Huang, B.-W. Jeng, and Z.-C. Li. Two-grid discretization schemes for nonlinear Schrödinger equations. *Journal of Computational and Applied Mathematics*, 214(2):549–571, May 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001549>.
- [CHLW08] **Chu:2008:VFT**
 Eric King-Wah Chu, Tsung-Min Hwang, Wen-Wei Lin, and Chin-Tien Wu. Vibration of fast trains, palindromic eigenvalue problems and structure-preserving doubling algorithms. *Journal of Computational and Applied Mathematics*, 219(1):237–252, September 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003925>.
- [CHJZ09] **Cheng:2009:CBM**
 Guang-Hui Cheng, Ting-Zhu Huang, Yan-Fei Jing, and Li-Tao Zhang. Convergence behaviors of multisplitting methods with $K + 1$ relaxed parameters. *Journal of Computational and Applied Mathematics*, 229(1):61–69, July 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005207>.
- [CHM06] **Chen:2006:TMD**
 William Y. C. Chen, Qing-Hu Hou, and Yan-Ping Mu. A telescoping method for double summations. *Journal of Computational and Applied Mathematics*, 196(2):553–566, November 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic).

- (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006205>.
Chui:2008:OLI [CHNZ08] C. K. Chui, G. Hecklin, G. Nürnberger, and F. Zeilfelder. Optimal Lagrange interpolation by quartic C^1 splines on triangulations. *Journal of Computational and Applied Mathematics*, 216(2):344–363, July 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002555>.
Chouchene:2005:HAA [Cho05] Frej Chouchene. Harmonic analysis associated with the Jacobi–Dunkl operator on $]-\frac{\pi}{2}, \frac{\pi}{2}[$. *Journal of Computational and Applied Mathematics*, 178(1–2):75–89, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270400367X>.
Cho:2008:NLU [Cho08] Gyeong-Mi Cho. A new large-update interior point algorithm for $P_*(\kappa)$ linear complementarity problems. *Journal of Computational and Applied Mathematics*, 216(1):265–278, June 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002452>.
Christiansen:2005:IMP [Chr05] Jacob S. Christiansen. Indeterminate moment problems related to birth and death processes with quartic rates. *Journal of Computational and Applied Mathematics*, 178(1–2):91–98, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003681>.
Chrysafinos:2009:AFE [Chr09] Konstantinos Chrysafinos. Analysis and finite element approximations for distributed optimal control problems for implicit parabolic equations. *Journal of Computational and Applied Mathematics*, 231(1):327–348, September 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000995>.
Chou:2006:AFB [CHS06] W.-S. Chou, Leetsch C. Hsu, and Peter J.-S. Shiue. Application of Faà di Bruno’s formula in characterization of inverse relations. *Journal of Computational and Applied Mathematics*, 190(1–2):151–169, June 1, 2006. CODEN JCAMDI. ISSN

- 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002281>. ■
- Chen:2007:PVR**
- [CHS07] Ying Chen, Wolfgang Härdle, and Vladimir Spokoiny. Portfolio value at risk based on independent component analysis. *Journal of Computational and Applied Mathematics*, 205(1):594–607, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003426>. ■
- Cheng:2008:NMT**
- [CHS08] Guang-Hui Cheng, Ting-Zhu Huang, and Shu-Qian Shen. Note to the mixed-type splitting iterative method for Z -matrices linear systems. *Journal of Computational and Applied Mathematics*, 220(1–2):1–7, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003573>. ■
- Clemens:2008:MRH**
- [CHSW08] Markus Clemens, Moritz Helias, Thorsten Steinmetz, and Georg Wimmer. Multiple right-hand side techniques for the numerical simulation of quasistatic electric and magnetic fields. *Journal of Computational and Applied Mathematics*, 215(2):328–338, June 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007436>. ■
- Chun:2008:SCT**
- [Chu08] Changbum Chun. A simply constructed third-order modifications of Newton’s method. *Journal of Computational and Applied Mathematics*, 219(1):81–89, September 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003664>. ■
- Crevecoeur:2008:ESA**
- [CHV⁺08] G. Crevecoeur, H. Hallez, P. Van Hese, Y. D’Asseler, L. Dupré, and R. Van de Walle. EEG source analysis using space mapping techniques. *Journal of Computational and Applied Mathematics*, 215(2):339–347, June 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007448>. ■
- Chen:2009:MQI**
- [CHW09] Ronghua Chen, Xuli Han, and Zongmin Wu. A multiquadric quasi-interpolation with linear reproducing and preserving monotonicity. *Journal of Computational and Applied*

- tang Jiang. Refinable bivariate quartic and quintic C^2 -splines for quadrilateral subdivisions. *Journal of Computational and Applied Mathematics*, 196(2): 402–424, November 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005844>. **Chu:2007:AMS**
- [CJ07] Wenchang Chu and Cangzhi Jia. Abel's method on summation by parts and terminating well-poised q -series identities. *Journal of Computational and Applied Mathematics*, 207(2): 360–370, October 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600598X>. **Chu:2007:AMS**
- [CJ09b] M. W. Coffey and S. J. Johnston. Some results involving series representations of hypergeometric functions. *Journal of Computational and Applied Mathematics*, 233(3): 674–679, December 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001113>. **Coffey:2009:SRI**
- [CJ08] C. Conti and K. Jetter. Smoothed hat functions in subdivision. *Journal of Computational and Applied Mathematics*, 221(2):330–345, November 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005651>. **Conti:2008:SFS**
- [CJB05] F. Carbonell, J. C. Jimenez, and R. J. Biscay. A class of orthogonal integrators for stochastic differential equations. *Journal of Computational and Applied Mathematics*, 182(2):350–361, October 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270400634X>. **Carbonell:2005:COI**
- [CJ09a] Haitao Che and Ziwen Che. A characteristics-mixed covolume method for a convection-dominated transport problem. *Journal of Computational and Applied Mathematics*, 231(2): 760–770, September 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002891>. **Che:2009:CMC**
- [CJB06] F. Carbonell, J. C. Jimenez, and R. J. Biscay. A class of orthogonal integrators for stochastic differential equations. *Journal of Computational and Applied Mathematics*, 182(2):350–361, October 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270400634X>. **Carbonell:2006:WLL**

- and R. J. Biscay. Weak local linear discretizations for stochastic differential equations: Convergence and numerical schemes. *Journal of Computational and Applied Mathematics*, 197(2): 578–596, December 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007016>. [CJP08]
- [CJCD06] Carmen Calvo-Jurado and Juan Casado-Díaz. Homogenization of Dirichlet parabolic problems for coefficients and open sets simultaneously variable and applications to optimal design. *Journal of Computational and Applied Mathematics*, 192(1):20–29, July 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003043>. [CK05]
- [CJCD07] Carmen Calvo-Jurado and Juan Casado-Díaz. Nonlocal limits in the study of linear elliptic systems arising in periodic homogenization. *Journal of Computational and Applied Mathematics*, 204(1):3–9, July 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005881>. [Cvetkovic:2005:NCI]
- [Cvetkovic:2006:BGM] Ljiljana Cvetković and Vladimir Kostić. Between Gersgorin and minimal Gersgorin sets. *Journal of Computational and Applied Mathematics*, 196(2):452–458, November 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005229>. [Cvetkovic:2008:CMI]
- [Cvetkovic:2008:CMI] F. Carbonell, J. C. Jiménez, and L. M. Pedroso. Computing multiple integrals involving matrix exponentials. *Journal of Computational and Applied Mathematics*, 213(1):300–305, March 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000283>. [Cvetkovic:2005:NCI]
- [Cvetkovic:2005:NCI] Ljiljana Cvetković and Vladimir Kostić. New criteria for identifying H -matrices. *Journal of Computational and Applied Mathematics*, 180(2): 265–278, August 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005229>. [Cvetkovic:2006:BGM]
- [Cvetkovic:2006:BGM] Ljiljana Cvetković and Vladimir Kostić. Between Gersgorin and minimal Gersgorin sets. *Journal of Computational and Applied Mathematics*, 196(2):452–458, November 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005881>. [Cvetkovic:2008:CMI]
- [Cvetkovic:2008:CMI] F. Carbonell, J. C. Jiménez, and L. M. Pedroso. Computing multiple integrals involving matrix exponentials. *Journal of Computational and Applied Mathematics*, 213(1):300–305, March 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000283>. [Cvetkovic:2005:NCI]

- [CK07] **Casian:2007:SST**
Luis Casian and Yuji Kodama. Singular structure of Toda lattices and cohomology of certain compact Lie groups. *Journal of Computational and Applied Mathematics*, 202(1):56–79, May 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001166>. ■
- [CK09b] **Chang:2009:BRM**
Fu-Min Chang and Jau-Chuan Ke. On a batch retrieval model with J vacations. *Journal of Computational and Applied Mathematics*, 232(2):402–414, October 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003744>. ■
- [CK08] **Cudna:2008:FDA**
Małgorzata Cudna and Tomasz Komorowski. A finite dimensional approximation of the effective diffusivity for a symmetric random walk in a random environment. *Journal of Computational and Applied Mathematics*, 213(1):186–204, March 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000234>. ■
- [CK09a] **Campbell:2009:CND**
Stephen L. Campbell and Peter Kunkel. Completions of nonlinear DAE flows based on index reduction techniques and their stabilization. *Journal of Computational and Applied Mathematics*, 233(4):1021–1034, December 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270900779X>. ■
- [CKC+07] **Ceberio:2007:ITA**
Martine Ceberio, Vladik Kreinovich, Sanjeev Chopra, Luc Longpré, Hung T. Nguyen, Bertram Ludäscher, and Chitta Baral. Interval-type and affine arithmetic-type techniques for handling uncertainty in expert systems. *Journal of Computational and Applied Mathematics*, 199(2):403–410, February 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500779X>. ■
- [CKT09] **Choudhury:2009:PUS**
Gautam Choudhury, Jau-Chuan Ke, and Lotfi Tadj. The N -policy for an unreliable server with delaying repair and two phases of service. *Journal of Computational and Applied Mathematics*, 231(1):349–364, September 1,

2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270900137X>. **Cao:2007:GAS**
- [CKWZ07] Xifang Cao, Qingkai Kong, Hongyou Wu, and Anton Zettl. Geometric aspects of Sturm–Liouville problems. III. Level surfaces of the n -th eigenvalue. *Journal of Computational and Applied Mathematics*, 208(1):176–193, November 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006340>. **Chen:2006:CBI**
- [CL06a] Jinhai Chen and Weiguo Li. Convergence behaviour of inexact Newton methods under weak Lipschitz condition. *Journal of Computational and Applied Mathematics*, 191(1):143–164, June 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002773>. **Chen:2006:SIP**
- [CL06b] Qun Chen and Jijun Liu. Solving an inverse parabolic problem by optimization from final measurement data. *Journal of Computational and Applied Mathematics*, 193(1):183–203, August 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003870>. **Chen:2006:NPB**
- [CL06c] Xiaoshan Chen and Wen Li. A note on the perturbation bounds of eigenspaces for Hermitian matrices. *Journal of Computational and Applied Mathematics*, 196(1):338–346, November 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005674>. **Chen:2008:PEE**
- [CL08] Yanping Chen and Wenbin Liu. A posteriori error estimates for mixed finite element solutions of convex optimal control problems. *Journal of Computational and Applied Mathematics*, 211(1):76–89, January 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006972>. **Chen:2009:NMI**
- [CL09a] Ren-Chuen Chen and Jinn-Liang Liu. Nonstationary monotone iterative methods for nonlinear partial differential equations. *Journal of Computational and Applied Mathematics*, 211(1):76–89, January 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006972>. **Chen:2009:NMI**

- plied Mathematics*, 233(4): 859–877, December 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004506>.
Chi:2009:OSS
- [CL09b] Xiaoni Chi and Sanyang Liu. A one-step smoothing Newton method for second-order cone programming. *Journal of Computational and Applied Mathematics*, 223(1): 114–123, January 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707006723>.
Clarkson:2005:SPA
- [Cla05] Peter A. Clarkson. Special polynomials associated with rational solutions of the fifth Painlevé equation. *Journal of Computational and Applied Mathematics*, 178(1–2):111–129, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270400370X>.
Chen:2009:FME
- [CLA09] Chang-Ming Chen, F. Liu, and V. Anh. A Fourier method and an extrapolation technique for Stokes’ first problem for a heated generalized second grade fluid with fractional derivative. *Journal of Computational and Applied Mathematics*, 223(2): 777–789, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000836>.
Chen:2007:DBD
- [CLCL07] Fengde Chen, Zhong Li, Xiaoxing Chen, and Jitka Laitochová. Dynamic behaviors of a delay differential equation model of plankton allelopathy. *Journal of Computational and Applied Mathematics*, 206(2): 733–754, September 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600519X>.
Cai:2009:SAH
- [CLGG09] Liming Cai, Xuezhi Li, Mini Ghosh, and Baozhu Guo. Stability analysis of an HIV/AIDS epidemic model with treatment. *Journal of Computational and Applied Mathematics*, 229(1):313–323, July 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005815>.
Calvo:2006:IRG
- [CLM06] M. Calvo, M. P. Laburta, and J. I. Montijano. Initializers

- for RK–Gauss methods based on pseudo-symplecticity. *Journal of Computational and Applied Mathematics*, 189(1–2):228–241, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002803> **Chen:2009:REI**
- [CLN09] Zhongying Chen, Guangqing Long, and Gnaneshwar Nelakanti. Richardson extrapolation of iterated discrete projection methods for eigenvalue approximation. *Journal of Computational and Applied Mathematics*, 223(1):48–61, January 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707006577> **Chen:2009:AGD**
- [CLQ09] Haibo Chen, Xianqing Lv, and Yansong Qiao. Application of gradient descent method to the sedimentary grain-size distribution fitting. *Journal of Computational and Applied Mathematics*, 233(4):1128–1138, December 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270900627X>
- [CLO09] Y. Ben Cheikh, I. Lamiri, and A. Ouni. On Askey-scheme and d -orthogonality. I. A characterization theorem. *Journal of Computational and Applied Mathematics*, 233(3):621–629, December 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001046> **Cheikh:2009:ASO**
- [CLS08] Mariantonia Cotronei, Maria Laura Lo Cascio, and Tomas Sauer. Multifilters and prefilters: Uniqueness and algorithmic aspects. *Journal of Computational and Applied Mathematics*, 221(2):346–354, November 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005663> **Cotronei:2008:MPU**
- [CLP08] M. J. Cánovas, M. A. López, and J. Parra. On the equivalence of parametric contexts for linear inequality systems. *Journal of Computational and Applied Mathematics*, 217(2):448–456, August 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700101X> **Canovas:2008:EPC**

- [CM05a] **Casciola:2005:ISS**
 G. Casciola and S. Morigi. Inverse spherical surfaces. *Journal of Computational and Applied Mathematics*, 176(2):411–424, April 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003450>.
- [CM08] **Ciarlini:2008:WEN**
 Patrizia Ciarlini and Umberto Maniscalco. Wavelets and Elman neural networks for monitoring environmental variables. *Journal of Computational and Applied Mathematics*, 221(2):302–309, November 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005638>.
- [CM05b] **Cash:2005:NMS**
 J. R. Cash and F. Mazzia. A new mesh selection algorithm, based on conditioning, for two-point boundary value codes. *Journal of Computational and Applied Mathematics*, 184(2):362–381, December 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000373>.
- [CMM09] **Christov:2009:DSV**
 Christo I. Christov, Rossitza S. Marinova, and Tchavdar T. Marinov. Does the stationary viscous flow around a circular cylinder exist for large Reynolds numbers? a numerical solution via variational imbedding. *Journal of Computational and Applied Mathematics*, 226(2):205–217, April 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004019>.
- [CM07] **Campbell:2007:DTS**
 Stephen L. Campbell and Roswitha März. Direct transcription solution of high index optimal control problems and regular Euler–Lagrange equations. *Journal of Computational and Applied Mathematics*, 202(2):186–202, May 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600121X>.
- [CMR06] **Cardone:2006:FIM**
 A. Cardone, E. Messina, and E. Russo. A fast iterative method for discretized Volterra–Fredholm integral equations. *Journal of Computational and Applied Mathematics*, 189(1–2):568–579, May 1, 2006. CODEN JCAMDI. ISSN

0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003651> ■

Chow:2006:DPM

[CMRS06]

K. W. Chow, C. C. Mak, C. Rogers, and W. K. Schief. Doubly periodic and multiple pole solutions of the sinh-Poisson equation: Application of reciprocal transformations in subsonic gas dynamics. *Journal of Computational and Applied Mathematics*, 190(1-2):114-126, June 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002244> ■

Cravero:2008:GCQ

[CMS08]

Isabella Cravero, Carla Manni, and M. Lucia Sampoli. Geometric construction of quintic parametric B-splines. *Journal of Computational and Applied Mathematics*, 221(2):355-366, November 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005675> ■

Cash:2006:RCM

[CMST06]

J. R. Cash, F. Mazzia, N. Sumarti, and D. Trigiante. The role of conditioning in mesh selection algorithms for first order systems of linear two point bound-

ary value problems. *Journal of Computational and Applied Mathematics*, 185(2):212-224, January 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001111> ■

Cordero:2009:IMO

[CMT09]

Alicia Cordero, Eulalia Martínez, and Juan R. Torregrosa. Iterative methods of order four and five for systems of nonlinear equations. *Journal of Computational and Applied Mathematics*, 231(2):541-551, September 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002453> ■

Cardone:2009:AMV

[CMV09]

A. Cardone, E. Messina, and A. Vecchio. An adaptive method for Volterra-Fredholm integral equations on the half line. *Journal of Computational and Applied Mathematics*, 228(2):538-547, June 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001398> ■

Cai:2009:PTM

[CMX09]

Mingchao Cai, Mo Mu, and Jinchao Xu. Precon-

ditioning techniques for a mixed Stokes/Darcy model in porous media applications. *Journal of Computational and Applied Mathematics*, 233(2):346–355, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004269>. ■

Costabile:2007:SBU

[CN07]

F. Costabile and A. Napoli. Solving BVPs using two-point Taylor formula by a symbolic software. *Journal of Computational and Applied Mathematics*, 210(1–2):136–148, December 31, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006558>. ■

Creuse:2008:PEE

[CN08]

Emmanuel Creusé and Serge Nicaise. A posteriori error estimations of a coupled mixed and standard Galerkin method for second order operators. *Journal of Computational and Applied Mathematics*, 213(1):35–55, March 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000040>. ■

Chindelevitch:2007:EAP

[CNN07]

Leonid Chindelevitch, David P.

Nicholls, and Nilima Nigam. Error analysis and preconditioning for an enhanced DtN–FE algorithm for exterior scattering problems. *Journal of Computational and Applied Mathematics*, 204(2):493–504, July 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600375X>. ■

Chapwanya:2005:CSS

[CO05]

M. Chapwanya and S. B. G. O’Brien. Corner and start-up singularities in porous flow. *Journal of Computational and Applied Mathematics*, 176(1):163–177, April 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003255>. ■

Cabada:2005:OCE

[COEV05]

Alberto Cabada, Victoria Otero-Espinar, and Dolores R. Vivero. Optimal conditions to ensure the stability of periodic solutions of first order difference equations lying between lower and upper solutions. *Journal of Computational and Applied Mathematics*, 176(1):45–57, April 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270400319X>. ■

- [Cof05] **Coffey:2005:ODD**
 Mark W. Coffey. On one-dimensional digamma and polygamma series related to the evaluation of Feynman diagrams. *Journal of Computational and Applied Mathematics*, 183(1):84–100, November 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000154>. [Coj09]
- [Cof08] **Coffey:2008:SSR**
 Mark W. Coffey. On some series representations of the Hurwitz zeta function. *Journal of Computational and Applied Mathematics*, 216(1):297–305, June 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S03770427070002476>. [Cop05]
- [Cof09a] **Coffey:2009:EAH**
 Mark W. Coffey. An efficient algorithm for the Hurwitz zeta and related functions. *Journal of Computational and Applied Mathematics*, 225(2):338–346, March 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003713>. [Cof09b]
- [Cof09b] **Coffey:2009:SPL**
 Mark W. Coffey. Summation properties of the η_j and Li constants. *Journal of Computational and Applied Mathematics*, 233(3):667–673, December 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001101>. **Cojuhari:2009:DSG**
 P. A. Cojuhari. Discrete spectrum in the gaps for perturbations of periodic Jacobi matrices. *Journal of Computational and Applied Mathematics*, 225(2):374–386, March 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003865>. **Copetti:2005:EAF**
 M. I. M. Copetti. Error analysis for a finite element approximation of a thermoviscoelastic contact problem. *Journal of Computational and Applied Mathematics*, 180(1):181–190, August 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005059>. **Courrieu:2009:FSW**
 Pierre Courrieu. Fast solving of weighted pairing least-squares systems. *Journal of Computational and Applied Mathematics*, 231(1):

39–48, September 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000387>.

Cortes:2007:GFE

[CP07]

V. Cortés and J. M. Peña. Growth factor and expected growth factor of some pivoting strategies. *Journal of Computational and Applied Mathematics*, 202(2):292–303, May 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001403>.

Chen:2008:DMR

[CP08a]

Jein-Shan Chen and Shaohua Pan. A descent method for a reformulation of the second-order cone complementarity problem. *Journal of Computational and Applied Mathematics*, 213(2):547–558, April 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000714>.

Chen:2008:RSN

[CP08b]

Jein-Shan Chen and Shaohua Pan. A regularization semismooth Newton method based on the generalized Fischer–Burmeister function for P_0 -NCPs. *Journal of Computational and Ap-*

plied Mathematics, 220(1–2):464–479, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004669>.

Chrysafis:2009:TPO

Konstantinos A. Chrysafis and Basil K. Papadopoulos. On theoretical pricing of options with fuzzy estimators. *Journal of Computational and Applied Mathematics*, 223(2):552–566, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700636X>.

Cuesta:2009:NSP

C. M. Cuesta and I. S. Pop. Numerical schemes for a pseudo-parabolic Burgers equation: Discontinuous data and long-time behaviour. *Journal of Computational and Applied Mathematics*, 224(1):269–283, February 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002070>.

Cui:2009:BRM

Li Cui and Lizhong Peng. Biorthogonal radial multiresolution in dimension three. *Journal of Computational and Applied Mathematics*,

[CP09a]

[CP09b]

[CP09c]

224(2):581–591, February 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002756>.

Carneiro:2005:IST

[CPM⁺05]

Jorge Carneiro, Tiago Paixão, Dejan Milutinovic, João Sousa, Kalet Leon, Rui Gardner, and Jose Faro. Immunological self-tolerance: Lessons from mathematical modeling. *Journal of Computational and Applied Mathematics*, 184(1):77–100, December 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000713>.

Cho:2009:CGI

[CQ09]

Yeol Je Cho and Xiaolong Qin. Convergence of a general iterative method for nonexpansive mappings in Hilbert spaces. *Journal of Computational and Applied Mathematics*, 228(1):458–465, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005116>.

Casciola:2009:NTM

[CR09]

G. Casciola and L. Romani. A Newton-type method for constrained least-squares data-fitting with easy-to-control rational curves. *Journal*

of Computational and Applied Mathematics, 223(2):672–692, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000666>.

Caballero:2005:MSI

[CRS05]

J. Caballero, J. Rocha, and K. Sadarangani. On monotonic solutions of an integral equation of Volterra type. *Journal of Computational and Applied Mathematics*, 174(1):119–133, February 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704001840>.

Cahlon:2006:SCC

[CS06a]

Baruch Cahlon and Darrell Schmidt. Stability criteria for certain third-order delay differential equations. *Journal of Computational and Applied Mathematics*, 188(2):319–335, April 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500258X>.

Censor:2006:AQF

[CS06b]

Yair Censor and Alexander Segal. Algorithms for the quasiconvex feasibility problem. *Journal of Computational and Applied Mathemat-*

ics, 185(1):34–50, January 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500049X>.

Cahlon:2007:SCC

[CS07a] Baruch Cahlon and Darrell Schmidt. Stability criteria for certain high odd order delay differential equations. *Journal of Computational and Applied Mathematics*, 200(1):408–423, March 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000240>.

Cai:2007:PSP

[CS07b] Liming Cai and Xinyu Song. Permanence and stability of a predator–prey system with stage structure for predator. *Journal of Computational and Applied Mathematics*, 201(2):356–366, April 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000884>.

Chaillou:2007:PEL

[CS07c] Alexandra Chaillou and Manil Suri. A posteriori estimation of the linearization error for strongly monotone nonlinear operators. *Journal of Computational and Applied Mathematics*, 205

(1):72–87, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002561>.

Chen:2007:NBP

[CS07d] Lijing Chen and Jitao Sun. Nonlinear boundary problem of first order impulsive integro-differential equations. *Journal of Computational and Applied Mathematics*, 202(2):392–401, May 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001476>.

Chen:2007:CCF

[CS07e] Rudong Chen and Yunyan Song. Convergence to common fixed point of nonexpansive semigroups. *Journal of Computational and Applied Mathematics*, 200(2):566–575, March 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000367>.

Charina:2008:TWF

[CS08] Maria Charina and Joachim Stöckler. Tight wavelet frames for subdivision. *Journal of Computational and Applied Mathematics*, 221(2):293–301, November 15, 2008. CODEN JCAMDI. ISSN

- 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005626>. **Cambini:2009:BRA**
- [CS09a] Riccardo Cambini and Francesca Salvi. A branch and reduce approach for solving a class of low rank d.c. programs. *Journal of Computational and Applied Mathematics*, 233(2): 492–501, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004580>. **Coussement:2009:IPC**
- [CS09b] J. Coussement and C. Smet. Irrationality proof of certain Lambert series using little q -Jacobi polynomials. *Journal of Computational and Applied Mathematics*, 233(3): 680–690, December 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001125>. **Chan:2005:IMC**
- [CSG05] Cliburn Chan, Jaroslav Stark, and Andrew J. T. George. The impact of multiple T cell–APC encounters and the role of anergy. *Journal of Computational and Applied Mathematics*, 184(1): 101–120, December 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000725>. **Costas-Santos:2009:EDC**
- R. S. Costas-Santos and J. F. Sánchez-Lara. Extensions of discrete classical orthogonal polynomials beyond the orthogonality. *Journal of Computational and Applied Mathematics*, 225(2): 440–451, March 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003968>. **Christiansen:2009:FGJ**
- Jacob S. Christiansen, Barry Simon, and Maxim Zinchenko. Finite gap Jacobi matrices: an announcement. *Journal of Computational and Applied Mathematics*, 233(3): 652–662, December 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001083>. **Cui:2005:PSS**
- [CT05] Jing’an Cui and Yasuhiro Takeuchi. Permanence of a single-species dispersal system and predator survival. *Journal of Computational and Applied Mathematics*, 175(2):375–394, March 15, 2005. CODEN JCAMDI.

ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003115>.

Chen:2009:PMV

[CT09a]

Wei Chen and Shaohua Tan. On the possibilistic mean value and variance of multiplication of fuzzy numbers. *Journal of Computational and Applied Mathematics*, 232(2):327–334, October 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003604>.

Chen:2009:RPS

[CT09b]

Wei Chen and Shaohua Tan. Robust portfolio selection based on asymmetric measures of variability of stock returns. *Journal of Computational and Applied Mathematics*, 232(2):295–304, October 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003562>.

Chen:2009:SMW

[CT09c]

Yanping Chen and Tao Tang. Spectral methods for weakly singular Volterra integral equations with smooth solutions. *Journal of Computational and Applied Mathematics*, 233(4):938–950, December 15, 2009. CODEN JCAMDI. ISSN

0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709005342>.

Chiba:2009:CSA

[CU09a]

Fumihiko Chiba and Teruo Ushijima. Computation of the scattering amplitude for a scattering wave produced by a disc — approach by a fundamental solution method. *Journal of Computational and Applied Mathematics*, 233(4):1155–1174, December 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709006256>.

Chiba:2009:EDE

[CU09b]

Fumihiko Chiba and Teruo Ushijima. Exponential decay of errors of a fundamental solution method applied to a reduced wave problem in the exterior region of a disc. *Journal of Computational and Applied Mathematics*, 231(2):869–885, September 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003057>.

Cui:2007:CMD

[Cui07]

Mingrong Cui. A combined mixed and discontinuous Galerkin method for compressible miscible displacement problem in porous me-

- dia. *Journal of Computational and Applied Mathematics*, 198(1):19–34, January 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007041>. **Cui:2008:ASD**
- [Cui08] Mingrong Cui. Analysis of a semidiscrete discontinuous Galerkin scheme for compressible miscible displacement problem. *Journal of Computational and Applied Mathematics*, 214(2):617–636, May 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001707>. **Csorgo:2006:TSB**
- [CV06] Sándor Csörgő and László Viharos. Testing for small bias of tail index estimators. *Journal of Computational and Applied Mathematics*, 186(1):232–252, February 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001986>. **Ciaurri:2005:TWN**
- [CV05a] Óscar Ciaurri and Juan L. Varona. Two-weight norm inequalities for the Cesàro means of generalized Hermite expansions. *Journal of Computational and Applied Mathematics*, 178(1–2):99–110, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003693>. **Ciaurri:2009:SAE**
- [CV09] Óscar Ciaurri and Juan Luis Varona. The surprising almost everywhere convergence of Fourier–Neumann series. *Journal of Computational and Applied Mathematics*, 233(3):663–666, December 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001095>. **Caliari:2007:LEI**
- [CVB07] Marco Caliari, Marco Vianello, and Luca Bergamaschi. The LEM exponential integrator for advection–diffusion–reaction equations. *Journal*
- [CV05b] Jonathan Coussement and Walter Van Assche. Gaussian quadrature for multiple or-

- of *Computational and Applied Mathematics*, 210(1-2): 56–63, December 31, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006479> ■
- [CW05] **Currie:2005:EAD** [CW08c] Sonja Currie and Bruce A. Watson. Eigenvalue asymptotics for differential operators on graphs. *Journal of Computational and Applied Mathematics*, 182(1): 13–31, October 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005977> ■
- [CW08a] **Chen:2008:CTD** Jie Chen and Guo-Jin Wang. Construction of triangular DP surface and its application. *Journal of Computational and Applied Mathematics*, 219(1):312–326, September 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004128> ■
- [CW08b] **Chen:2008:ASI** Shen-Yu Chen and Soon-Yi Wu. An algorithm for semi-infinite transportation problems. *Journal of Computational and Applied Mathematics*, 217(2):365–380, August 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000969> ■
- Chen:2008:AIQ** Shen-Yu Chen and Soon-Yi Wu. Algorithms for infinite quadratic programming in L_p spaces. *Journal of Computational and Applied Mathematics*, 213(2):408–422, April 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000404> ■
- Currie:2008:MAS** Sonja Currie and Bruce A. Watson. M -matrix asymptotics for Sturm–Liouville problems on graphs. *Journal of Computational and Applied Mathematics*, 218(2): 568–578, September 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707006279> ■
- Chandler-Wilde:2007:MSU** Simon N. Chandler-Wilde, Peter Monk, and Martin Thomas. The mathematics of scattering by unbounded, rough, inhomogeneous layers. *Journal of Computational and Applied Mathematics*, 204(2):549–559, July

- 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003803>. **Chen:2008:SSD**
- [CWW08] Long Chen, Yonggang Wang, and Jinbiao Wu. Stability of a streamline diffusion finite element method for turning point problems. *Journal of Computational and Applied Mathematics*, 220(1–2): 712–724, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005109>. **Chen:2006:WNF**
- [CX06] Bin Chen and Yingchao Xie. White noise functional solutions of Wick-type stochastic generalized Hirota–Satsuma coupled KdV equations. *Journal of Computational and Applied Mathematics*, 197(2):345–354, December 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006734>. **Chen:2007:PLS**
- [CX07] Bin Chen and Yingchao Xie. Periodic-like solutions of variable coefficient and Wick-type stochastic NLS equations. *Journal of Computational and Applied Mathematics*, 203(1):249–263, June 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002007>. **Cong:2008:TTP**
- [CX08] Nguyen Huu Cong and Le Ngoc Xuan. Twostep-by-twostep PIRK-type PC methods with continuous output formulas. *Journal of Computational and Applied Mathematics*, 221(1): 165–173, November 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700533X>. **Cheng:2009:FDF**
- [CXH09] Wanyou Cheng, Yunhai Xiao, and Qing-Jie Hu. A family of derivative-free conjugate gradient methods for large-scale nonlinear systems of equations. *Journal of Computational and Applied Mathematics*, 224(1):11–19, February 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001490>. See comments [ZJ12]. **Chen:2006:EUS**
- [CXS06] Fengde Chen, Xiangdong Xie, and Jinlin Shi. Existence, uniqueness and stability of positive periodic solution for

a nonlinear prey-competition model with delays. *Journal of Computational and Applied Mathematics*, 194(2): 368–387, October 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005005> ■

Ceng:2008:APA

[CY08a]

L. C. Ceng and J. C. Yao. Approximate proximal algorithms for generalized variational inequalities with pseudomonotone multifunctions. *Journal of Computational and Applied Mathematics*, 213(2):423–438, April 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000416> ■

Ceng:2008:HIS

[CY08b]

Lu-Chuan Ceng and Jen-Chih Yao. A hybrid iterative scheme for mixed equilibrium problems and fixed point problems. *Journal of Computational and Applied Mathematics*, 214(1):186–201, April 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001069> ■

Ceng:2008:CAI

[CY08c]

Lu-Chuan Ceng and Jen-Chih Yao. On the conver-

gence analysis of inexact hybrid extragradient proximal point algorithms for maximal monotone operators. *Journal of Computational and Applied Mathematics*, 217(2): 326–338, August 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000933> ■

Cao:2009:CRM

[CY09]

Weidong Cao and Danping Yang. Ciarlet–Raviart mixed finite element approximation for an optimal control problem governed by the first biharmonic equation. *Journal of Computational and Applied Mathematics*, 233(2): 372–388, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270900435X> ■

Chen:2009:TGM

[CYB09]

Chuanjun Chen, Min Yang, and Chunjia Bi. Two-grid methods for finite volume element approximations of nonlinear parabolic equations. *Journal of Computational and Applied Mathematics*, 228(1):123–132, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004548> ■

Chen:2008:ASN

- [CYM08] Shaochun Chen, Li Yin, and Shipeng Mao. An anisotropic, superconvergent nonconforming plate finite element. *Journal of Computational and Applied Mathematics*, 220(1-2): 96–110, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004190>.
- [CZ08a]

Chen:2008:VCA

- Zhaodou Chen and Lijing Zhang. Vector coding algorithms for multidimensional discrete Fourier transform. *Journal of Computational and Applied Mathematics*, 212(1):63–74, February 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007126>.

Chang:2009:FEA

- [CYZ09] Yanzhen Chang, Danping Yang, and Jiang Zhu. Finite element approximation to nonlinear coupled thermal problem. *Journal of Computational and Applied Mathematics*, 225(2): 467–477, March 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004196>.
- [CZ08b]

Chu:2008:TKT

- Wenchang Chu and Wenlong Zhang. Transformations of Kummer-type for ${}_2F_2$ -series and their q -analogues. *Journal of Computational and Applied Mathematics*, 216(2):467–473, July 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002865>.

Cheikh:2007:OGF

- [CZ07] Y. Ben Cheikh and A. Zaghouani. d -Orthogonality via generating functions. *Journal of Computational and Applied Mathematics*, 199(1):2–22, February 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500734X>.
- [CZ09]

Chen:2009:DAS

- Xingwu Chen and Weinian Zhang. Decomposition of algebraic sets and applications to weak centers of cubic systems. *Journal of Computational and Applied Mathematics*, 232(2):565–581, October 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003884>.

- [DA06] **Doha:2006:CIE**
 E. H. Doha and H. M. Ahmed. On the coefficients of integrated expansions of Bessel polynomials. *Journal of Computational and Applied Mathematics*, 187(1):58–71, March 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001457> ■
- [Daa09a] **Daalhuis:2009:HHE**
 A. B. Olde Daalhuis. Hyperasymptotics and hyperterminants: Exceptional cases. *Journal of Computational and Applied Mathematics*, 233(2):555–563, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004683> ■
- [DA08] **Djordjevic:2008:SSN**
 Vladan D. Djordjevic and Teodor M. Atanackovic. Similarity solutions to nonlinear heat conduction and Burgers/Korteweg–de Vries fractional equations. *Journal of Computational and Applied Mathematics*, 222(2):701–714, December 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707006516> ■
- [Daa09b] **Daalhuis:2009:CPD**
 A. B. Olde Daalhuis. On the computation of parameter derivatives of solutions of linear difference equations. *Journal of Computational and Applied Mathematics*, 230(1):128–134, August 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800592X> ■
- [DA09] **Dalkilic:2009:FAN**
 Turkan Erbay Dalkilic and Aysen Apaydin. A fuzzy adaptive network approach to parameter estimation in cases where independent variables come from an exponential distribution. *Journal of Computational and Applied Mathematics*, 233(1):36–45, November 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003449> ■
- [DaC05] **DaCunha:2005:STV**
 Jeffrey J. DaCunha. Stability for time varying linear dynamic systems on time scales. *Journal of Computational and Applied Mathematics*, 176(2):381–410, April 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003449> ■

- [DAE05] **Doha:2005:ASS**
 E. H. Doha and W. M. Abd-Elhameed. Accurate spectral solutions for the parabolic and elliptic partial differential equations by the ultraspherical tau method. *Journal of Computational and Applied Mathematics*, 181(1): 24–45, September 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005473>.
- [Dan06] **Dang:2006:IMS**
 Quang A. Dang. Iterative method for solving the Neumann boundary value problem for biharmonic type equation. *Journal of Computational and Applied Mathematics*, 196(2): 634–643, November 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006266>.
- [Dai09] **Dai:2009:GMV**
 Hong-Xia Dai. Generalized mixed variational-like inequality for random fuzzy mappings. *Journal of Computational and Applied Mathematics*, 224(1): 20–28, February 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001507>.
- [Dai11] **Dai:2011:CEE**
 Xiaoxia Dai. Corrigendum to “Error estimates for an operator-splitting method for Navier–Stokes equations: Second-order schemes” [J. Comput. Appl. Math. **231** (2) (2009) 696–704]. *Journal of Computational and Applied Mathematics*, 235(9): 3110–3111, March 1, 2011. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005930>.
- [Dao07] **Daoud:2007:OSW**
 Daoud S. Daoud. Overlapping Schwarz waveform relaxation method for the solution of the forward-backward heat equation. *Journal of Computational and Applied Mathematics*, 208(2): 380–390, November 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005930>.
- [Dao08] **Daoud:2008:DSP**
 Daoud S. Daoud. Determination of the source parameter in a heat equation with a non-local boundary condition. *Journal of Computational and Applied Mathematics*, 221(1):261–272, November 1,

2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005948>. Day:2008:ACL [DB08]
- [dB05a] Marcel G. de Bruin. $(0, m)$ Pál-type interpolation: interchanging value- and derivative nodes. *Journal of Computational and Applied Mathematics*, 179(1-2):175–184, July 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004431>. deBruin:2005:PTIb [DBE07]
- [dB05b] Marcel G. de Bruin. $(0, m)$ Pál-type interpolation on the Möbius transform of roots of unity. *Journal of Computational and Applied Mathematics*, 178(1-2):147–153, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003723>. deBruin:2005:PTIa [DellAcqua:2007:RDM]
- [dB05c] Marcel G. de Bruin. Problem 3. Pál-type interpolation. *Journal of Computational and Applied Mathematics*, 178(1-2):529–530, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004030>. deBruin:2005:PPT [DBG07]
- David Day and Pavel Bochev. Analysis and computation of a least-squares method for consistent mesh tying. *Journal of Computational and Applied Mathematics*, 218(1):21–33, August 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003238>.
- Guido Dell’Acqua, Luis L. Bonilla, and Ramón Escobedo. Relocation dynamics and multistable switching in semiconductor superlattices. *Journal of Computational and Applied Mathematics*, 204(1):18–24, July 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002354>. DellAcqua:2007:RDM
- P. Dutt, P. Biswas, and S. Ghorai. Spectral element methods for parabolic problems. *Journal of Computational and Applied Mathematics*, 203(2):461–486, June 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002226>. Dutt:2007:SEM

Dutt:2008:PSE

- [DBR08] P. Dutt, P. Biswas, and G. Naga Raju. Preconditioners for spectral element methods for elliptic and parabolic problems. *Journal of Computational and Applied Mathematics*, 215(1):152–166, May 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001823>.

Dai:2008:TGM

- [DC08] Xiaoxia Dai and Xiaoliang Cheng. A two-grid method based on Newton iteration for the Navier–Stokes equations. *Journal of Computational and Applied Mathematics*, 220(1–2):566–573, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004876>.

Dimitrov:2009:LPJ

- [DC09a] Dimitar K. Dimitrov and Youssèf Ben Cheikh. Laguerre polynomials as Jensen polynomials of Laguerre–Pólya entire functions. *Journal of Computational and Applied Mathematics*, 233(3):703–707, December 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001150>.

Dong:2009:PPP

- [DC09b] Lingzhen Dong and Lansun Chen. A periodic predator–prey-chain system with impulsive perturbation. *Journal of Computational and Applied Mathematics*, 223(2):578–584, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000514>.

Dong:2009:LRG

- [DC09c] Xue-Mei Dong and Di-Rong Chen. Learning rates of gradient descent algorithm for classification. *Journal of Computational and Applied Mathematics*, 224(1):182–192, February 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800188X>.

Diaz:2006:NAP

- [dCDND06] J. J. del Coz Díaz, P. J. García Nieto, and F. J. Suárez Domínguez. Numerical analysis of pressure field on curved self-weighted metallic roofs due to the wind effect by the finite element method. *Journal of Computational and Applied Mathematics*, 192(1):40–50, July 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000514>.

- [//www.sciencedirect.com/science/article/pii/S0377042705003067](http://www.sciencedirect.com/science/article/pii/S0377042705003067) ■
- Deng:2006:DSS**
- [DCF06] Jiansong Deng, Falai Chen, and Yuyu Feng. [DD07] Dimensions of spline spaces over T -meshes. *Journal of Computational and Applied Mathematics*, 194(2):267–283, October 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004644> ■
- Dhia:2007:TTF**
- [DCZ07] A. S. Bonnet-Ben Dhia, P. Ciarlet, Jr., and C. M. Zwölf. [DD08] Two- and three-field formulations for wave transmission between media with opposite sign dielectric constants. *Journal of Computational and Applied Mathematics*, 204(2):408–417, July 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003682> ■
- DeCanditiis:2006:PCF**
- [DD06] Daniela De Canditiis and Italia De Feis. [DDL09] Pointwise convergence of Fourier regularization for smoothing data. *Journal of Computational and Applied Mathematics*, 196(2):540–552, November 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007485> ■
- Denuit:2007:CBS**
- Michel Denuit and Jan Dhaene. Comonotonic bounds on the survival probabilities in the Lee–Carter model for mortality projection. *Journal of Computational and Applied Mathematics*, 203(1):169–176, June 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001816> ■
- Dobes:2008:SOB**
- Jirí Dobes and Herman Deconinck. Second order blended multidimensional upwind residual distribution scheme for steady and unsteady computations. *Journal of Computational and Applied Mathematics*, 215(2):378–389, June 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007485> ■
- Dumas:2009:FAH**
- L. Dumas, B. Druetz, and N. Lecerf. A fully adaptive hybrid optimization of aircraft engine blades. *Journal of Computational and Applied Mathematics*, 232(1):54–60, October 1, 2009. CODEN JCAMDI. ISSN

- 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800544X>.
Dhia:2007:THA [Dem07a]
- [DDL07] Anne-Sophie Bonnet-Ben Dhia, Ève-Marie Duclairoir, Guillaume Legendre, and Jean-François Mercier. Time-harmonic acoustic propagation in the presence of a shear flow. *Journal of Computational and Applied Mathematics*, 204(2):428–439, July 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003700>.
Demiray:2007:INI
- [DDV08] Griselda Deelstra, Ibrahim Diallo, and Michèle Vanmaele. Bounds for Asian basket options. *Journal of Computational and Applied Mathematics*, 218(2):215–228, September 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001439>.
Demiray:2007:WFF
- [De 08] Doreen De Leon. A new wavelet multigrid method. *Journal of Computational and Applied Mathematics*, 220(1–2):674–685, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007886>.
Demiray:2007:WFF
- [DEM08] Hilmi Demiray. Waves in fluid-filled elastic tubes with a stenosis: Variable coefficients KdV equations. *Journal of Computational and Applied Mathematics*, 202(2):328–338, May 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001439>.
Diniz-Ehrhardt:2008:DFN
- M. A. Diniz-Ehrhardt, J. M. Martínez, and M. Raydan. A derivative-free nonmonotone line-search technique for unconstrained optimization. *Journal of Computational and Applied Mathematics*, 219(2):383–397, October 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-

- 1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003834>. [DESC07]
- [Den07a] **Deng:2007:MGA**
 Chun-Yuan Deng. On the minimum gap and the angle between two subspaces. *Journal of Computational and Applied Mathematics*, 206(2): 625–630, September 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005097>.
- [Den07b] **Deng:2007:SMP**
 Weihua Deng. Short memory principle and a predictor–corrector approach for fractional differential equations. *Journal of Computational and Applied Mathematics*, 206(1):174–188, September 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004201>. [Deu07]
- [Den09] **Denuit:2009:ILR**
 Michel M. Denuit. An index for longevity risk transfer. *Journal of Computational and Applied Mathematics*, 230(2):411–417, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708006377>. [Deu09]
- Donatelli:2007:BCM**
 Marco Donatelli, Claudio Estatico, and Stefano Serra-Capizzano. Boundary conditions and multiple-image reblurring: the LBT case. *Journal of Computational and Applied Mathematics*, 198(2): 426–442, January 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007247>.
- Deuring:2007:EEP**
 Paul Deuring. Eigenvalue estimates for a preconditioned Galerkin matrix arising from mixed finite element discretizations of viscous incompressible flows. *Journal of Computational and Applied Mathematics*, 205(1): 453–457, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003293>.
- Deuring:2009:EBS**
 Paul Deuring. Eigenvalue bounds for the Schur complement with a pressure convection–diffusion preconditioner in incompressible flow computations. *Journal of Computational and Applied Mathematics*, 228(1):444–457, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778

- (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005104>. ■
- daFonseca:2007:EST**
- [dF07] C. M. da Fonseca. On the eigenvalues of some tridiagonal matrices. *Journal of Computational and Applied Mathematics*, 200(1): 283–286, March 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600015X>. ■
- Ding:2008:SIA**
- [DF08] Xie Ping Ding and Hai Rong Feng. The p -step iterative algorithm for a system of generalized mixed quasi-variational inclusions with (A, η) -accretive operators in q -uniformly smooth Banach spaces. *Journal of Computational and Applied Mathematics*, 220(1–2): 163–174, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004335>. ■
- Diethelm:2009:NAD**
- [DF09] Kai Diethelm and Neville J. Ford. Numerical analysis for distributed-order differential equations. *Journal of Computational and Applied Mathematics*, 225(1):96–104, March 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001287>. ■
- Diethelm:2006:PFN**
- [DFFW06] Kai Diethelm, Judith M. Ford, Neville J. Ford, and Marc Weilbeer. Pitfalls in fast numerical solvers for fractional differential equations. *Journal of Computational and Applied Mathematics*, 186(2):482–503, February 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042700324X>. ■
- Dubcova:2008:NSA**
- [DFHS08] Lenka Dubcová, Miloslav Feistauer, Jaroslav Horáček, and Petr Sváček. Numerical simulation of airfoil vibrations induced by turbulent flow. *Journal of Computational and Applied Mathematics*, 218(1):34–42, August 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001287>. ■
- Dolean:2008:STH**
- [DFLP08] V. Dolean, H. Fol, S. Lanteri, and R. Perrussel. Solution of the time-harmonic Maxwell equations using discontinuous Galerkin methods. *Journal of Computational and Applied Mathematics*, 218(2):

435–445, September 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002683>.

Diogo:2006:NMV

[DFLV06]

Teresa Diogo, Neville J. Ford, Pedro Lima, and Svilen Valtchev. Numerical methods for a Volterra integral equation with non-smooth solutions. *Journal of Computational and Applied Mathematics*, 189(1–2):412–423, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500614X>.

[DG05]

Dou:2009:OEB

[DFY09]

Fang-Fang Dou, Chu-Li Fu, and Feng-Lian Yang. Optimal error bound and Fourier regularization for identifying an unknown source in the heat equation. *Journal of Computational and Applied Mathematics*, 230(2):728–737, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000119>.

[DG08]

DiFiore:2007:LCS

[DFZ07]

Carmine Di Fiore, Stefano Fanelli, and Paolo Zellini. Low complexity secant quasi-Newton minimization algo-

[DGR07]

rithms for nonconvex functions. *Journal of Computational and Applied Mathematics*, 210(1–2):167–174, December 31, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006583>.

Duran:2005:SOM

Antonio J. Durán and F. Alberto Grünbaum. A survey on orthogonal matrix polynomials satisfying second order differential equations. *Journal of Computational and Applied Mathematics*, 178(1–2):169–190, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003747>.

DeMaerschalck:2008:LSS

B. De Maerschalck and M. I. Gerritsma. Least-squares spectral element method for non-linear hyperbolic differential equations. *Journal of Computational and Applied Mathematics*, 215(2):357–367, June 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007461>.

DelCorso:2007:CKS

Gianna M. Del Corso, Anto-

nio Gullí, and Francesco Romani. Comparison of Krylov subspace methods on the PageRank problem. *Journal of Computational and Applied Mathematics*, 210(1–2): 159–166, December 31, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006571> ■

Decamps:2006:ASB

[DGS06]

Marc Decamps, Marc Goovaerts, and Wim Schoutens. Asymmetric skew Bessel processes and their applications to finance. *Journal of Computational and Applied Mathematics*, 186(1):130–147, February 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001937> ■

Dancs:2006:NA

[DH06]

Michael J. Dancs and Tian-Xiao He. Numerical approximation to $\zeta(2n + 1)$. *Journal of Computational and Applied Mathematics*, 196(1): 150–154, November 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005236> ■

Dehghan:2009:DMF

[DH09]

Mehdi Dehghan and Masoud Hajarian. Determination of

a matrix function using the divided difference method of Newton and the interpolation technique of Hermite. *Journal of Computational and Applied Mathematics*, 231(1): 67–81, September 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000405> ■

Daruis:2007:STH

[DHM07]

Leyla Daruis, Javier Hernández, and Francisco Marcellán. Spectral transformations for Hermitian Toeplitz matrices. *Journal of Computational and Applied Mathematics*, 202(2):155–176, May 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001087> ■

Dostal:2009:SFD

[DHS09]

Zdenek Dostál, David Horák, and Dan Stefanica. A scalable FETI–DP algorithm with non-penetration mortar conditions on contact interface. *Journal of Computational and Applied Mathematics*, 231(2):577–591, September 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002489> ■

DiCristo:2007:SDI

- [Di 07] Michele Di Cristo. Stable determination of an inhomogeneous inclusion by local boundary measurements. *Journal of Computational and Applied Mathematics*, 198(2):414–425, January 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007235>. [Din05a]

Ding:2005:PCG

- Xie Ping Ding. Parametric completely generalized mixed implicit quasi-variational inclusions involving h -maximal monotone mappings. *Journal of Computational and Applied Mathematics*, 182(2):252–269, October 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704006144>.

Duran:2006:DCO

- [DI06] Antonio J. Duran and Mourad E. H. Ismail. Differential coefficients of orthogonal matrix polynomials. *Journal of Computational and Applied Mathematics*, 190(1–2):424–436, June 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500244X>. [Din05b]

Ding:2005:PCI

- Xie Ping Ding. Predictor-corrector iterative algorithms for solving generalized mixed quasi-variational-like inclusion. *Journal of Computational and Applied Mathematics*, 182(1):1–12, October 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005953>.

Deift:2007:WDC

- [DIKZ07] P. Deift, A. Its, I. Krasovsky, and X. Zhou. The Widom–Dyson constant for the gap probability in random matrix theory. *Journal of Computational and Applied Mathematics*, 202(1):26–47, May 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001130>. [Dio09]

Diogo:2009:CIC

- Teresa Diogo. Collocation and iterated collocation methods for a class of weakly singular Volterra integral equations. *Journal of Computational and Applied Mathematics*, 229(2):363–372, July 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800157X>.

Damelin:2005:PCD

- [DJ05] S. B. Damelin and H. S. Jung. Pointwise convergence of derivatives of Lagrange interpolation polynomials for exponential weights. *Journal of Computational and Applied Mathematics*, 173(2): 303–319, January 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704001621>.

Dorao:2006:NCM

- [DJ06] C. A. Dorao and H. A. Jakobsen. Numerical calculation of the moments of the population balance equation. *Journal of Computational and Applied Mathematics*, 196(2): 619–633, November 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006254>.

Dorao:2007:LSS

- [DJ07a] C. A. Dorao and H. A. Jakobsen. Least-squares spectral method for solving advective population balance problems. *Journal of Computational and Applied Mathematics*, 201(1):247–257, April 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001038>.

Driver:2007:STZ

- [DJ07b] K. Driver and K. Jordaan. Separation theorems for the zeros of certain hypergeometric polynomials. *Journal of Computational and Applied Mathematics*, 199(1): 48–55, February 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007375>.

Driver:2009:ZLC

- [DJ09] Kathy Driver and Kerstin Jordaan. Zeros of linear combinations of Laguerre polynomials from different sequences. *Journal of Computational and Applied Mathematics*, 233(3): 719–722, December 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001174>.

Djordjevic:2007:ESO

- [Djo07] Dragan S. Djordjević. Explicit solution of the operator equation $A^*X + X^*A = B$. *Journal of Computational and Applied Mathematics*, 200(2):701–704, March 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000677>.

- [DK05] **Doslic:2005:SIF** Tomislav Doslić and Douglas J. Klein. Splinoid interpolation on finite posets. *Journal of Computational and Applied Mathematics*, 177(1):175–185, May 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004212>.
- [DK06a] **Dai:2006:PII** Hui-Hui Dai and De-Xing Kong. The propagation of impact-induced tensile waves in a kind of phase-transforming materials. *Journal of Computational and Applied Mathematics*, 190(1–2):57–73, June 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002219>.
- [DK06b] **Dimitrov:2006:PES** Dobromir T. Dimitrov and Hristo V. Kojouharov. Positive and elementary stable nonstandard numerical methods with applications to predator–prey models. *Journal of Computational and Applied Mathematics*, 189(1–2):98–108, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002141>.
- [DKHNZ08] **Darvishi:2008:SBS** M. T. Darvishi, F. Khani, S. Hamed-Nezhad, and B. Zheng. Symmetric block-SOR methods for rank-deficient least squares problems. *Journal of Computational and Applied Mathematics*, 215(1):14–27, May 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001719>.
- [DL05] **Dagnino:2005:SPL** Catterina Dagnino and Paola Lamberti. Some performances of local bivariate quadratic C^1 quasi-interpolating splines on nonuniform type-2 triangulations. *Journal of Computational and Applied Mathematics*, 173(1):21–37, January 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704001311>.
- [DL07a] **Duan:2007:LBM** YaLi Duan and RuXun Liu. Lattice Boltzmann model for two-dimensional unsteady Burgers’ equation. *Journal of Computational and Applied Mathematics*, 206(1):432–439, September 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001311>.

- [//www.sciencedirect.com/science/article/pii/S0377042706004894](http://www.sciencedirect.com/science/article/pii/S0377042706004894) (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003160>
- Dyllong:2007:VCH**
- [DL07b] Eva Dyllong and Wolfram Luther. Verified convex hull and distance computation for octree-encoded objects. *Journal of Computational and Applied Mathematics*, 199(2): 358–364, February 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007727>
- Dagnino:2008:CLQ**
- [DL08a] C. Dagnino and P. Lamberti. On the construction of local quadratic spline quasi-interpolants on bounded rectangular domains. *Journal of Computational and Applied Mathematics*, 221(2): 367–375, November 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005687>
- DeBonis:2008:NTS**
- [DL08b] M. C. De Bonis and C. Laurita. Numerical treatment of second kind Fredholm integral equations systems on bounded intervals. *Journal of Computational and Applied Mathematics*, 217(1):64–87, July 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003859>
- Diogo:2008:SCM**
- [DL08c] Teresa Diogo and Pedro Lima. Superconvergence of collocation methods for a class of weakly singular Volterra integral equations. *Journal of Computational and Applied Mathematics*, 218(2):307–316, September 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000830>
- DeBonis:2009:NMC**
- [DL09a] M. C. De Bonis and C. Laurita. Nyström method for Cauchy singular integral equations with negative index. *Journal of Computational and Applied Mathematics*, 232(2):523–538, October 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003859>
- Du:2009:PGC**
- [DL09b] Chaoxiong Du and Yirong Liu. The problem of general center-focus and bifurcation of limit cycles for a planar system of nine degrees. *Journal of Computational and Applied Mathematics*, 223(2): 1043–1057, January 15, 2009. CODEN JCAMDI. ISSN

- 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001441>. ■
- Duan:2009:HPD**
- [DL09c] Xuefeng Duan and Anping Liao. On Hermitian positive definite solution of the matrix equation $X - \sum_{i=1}^m A_i^* X^r A_i = Q$. *Journal of Computational and Applied Mathematics*, 229(1):27–36, July 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005153>. ■
- Du:2005:SHO**
- [DLG05] Zengji Du, Xiaojie Lin, and Weigao Ge. Some higher-order multi-point boundary value problem at resonance. *Journal of Computational and Applied Mathematics*, 177(1):55–65, May 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003620>. ■
- Dehesa:2005:IMH**
- [DLROY05] J. S. Dehesa, S. López-Rosa, B. Olmos, and R. J. Yáñez. Information measures of hydrogenic systems, Laguerre polynomials and spherical harmonics. *Journal of Computational and Applied Mathematics*, 179(1–2):185–194, July 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004480>. ■
- Delgado:2005:ESC**
- [DM05] Antonia M. Delgado and Francisco Marcellán. On an extension of symmetric coherent pairs of orthogonal polynomials. *Journal of Computational and Applied Mathematics*, 178(1–2):155–168, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003735>. ■
- Damelin:2007:P**
- [DM07a] Steven B. Damelin and Wen-Xiu Ma. Preface. *Journal of Computational and Applied Mathematics*, 202(1):1–2, May 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001099>. ■
- Darrigrand:2007:CUW**
- [DM07b] E. Darrigrand and P. Monk. Coupling of the ultra-weak variational formulation and an integral representation using a fast multipole method in electromagnetism. *Journal of Computational and Applied Mathematics*, 204(2):400–407, July 15, 2007.

CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003670>.

deMorales:2007:SOP

[dMFPP07]

María Álvarez de Morales, Lidia Fernández, Teresa E. Pérez, and Miguel A. Piñar. Semiclassical orthogonal polynomials in two variables. *Journal of Computational and Applied Mathematics*, 207(2):323–330, October 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600608X>.

deMorales:2008:SPM

[dMFPP08]

María Álvarez de Morales, Lidia Fernández, Teresa E. Pérez, and Miguel A. Piñar. A semiclassical perspective on multivariate orthogonal polynomials. *Journal of Computational and Applied Mathematics*, 214(2):447–456, May 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001392>.

deMorales:2009:BOP

[dMFPP09]

María Álvarez de Morales, Lidia Fernández, Teresa E. Pérez, and Miguel A. Piñar. Bivariate orthogonal polynomials in the lyskova class. *Journal of Computational*

and Applied Mathematics, 233(3):597–601, December 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001010>.

Diaz-Mendoza:2005:OLP

[DMGVP05]

C. Díaz-Mendoza, P. González-Vera, and M. Jiménez Paiz. Orthogonal Laurent polynomials and two-point Padé approximants associated with Dawson’s integral. *Journal of Computational and Applied Mathematics*, 179(1–2):195–213, July 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004492>.

Dmitrochenko:2008:FEU

[Dmi08]

Oleg Dmitrochenko. Finite elements using absolute nodal coordinates for large-deformation flexible multi-body dynamics. *Journal of Computational and Applied Mathematics*, 215(2):368–377, June 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007473>.

DAmore:2007:ISI

[DMM07]

L. D’Amore, L. Marcellino, and A. Murli. Image sequence inpainting: Towards

numerical software for detection and removal of local missing data via motion estimation. *Journal of Computational and Applied Mathematics*, 198(2):396–413, January 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007223> ■

Dattoli:2005:BSF

[DMS05]

G. Dattoli, M. Migliorati, and H. M. Srivastava. Bessel summation formulae and operational methods. *Journal of Computational and Applied Mathematics*, 173(1):149–154, January 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270400144X> ■

Duan:2008:STO

[DMZ08]

Xian-Bao Duan, Yi-Chen Ma, and Rui Zhang. Shapetopology optimization for Navier–Stokes problem using variational level set method. *Journal of Computational and Applied Mathematics*, 222(2):487–499, December 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707006255> ■

Dobrogowska:2006:SOD

[DO06]

Alina Dobrogowska and Ana-

tol Odziejewicz. Second order q -difference equations solvable by factorization method. *Journal of Computational and Applied Mathematics*, 193(1):319–346, August 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003948> ■

Dimitriyadis:2009:DHI

[DÖ09]

I. Dimitriyadis and Ü. N. Öney. Deductibles in health insurance. *Journal of Computational and Applied Mathematics*, 233(1):51–60, November 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004640> ■

Dolejsi:2008:AAI

[Dol08]

Vít Dolejsí. Analysis and application of the IIPG method to quasilinear nonstationary convection–diffusion problems. *Journal of Computational and Applied Mathematics*, 222(2):251–273, December 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700595X> ■

Dominici:2007:SRP

[Dom07]

Diego Dominici. Some remarks on a paper by L. Car-

- litz. *Journal of Computational and Applied Mathematics*, 198(1):129–142, January 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002635> ■
- [Dom09] **Dominici:2009:AAB** Diego Dominici. Asymptotic analysis of the Bell polynomials by the ray method. *Journal of Computational and Applied Mathematics*, 233(3): 708–718, December 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001162> ■
- [Don09] **Dong:2009:IMM** [DP05a] Jun-Liang Dong. Inexact multisplitting methods for linear complementarity problems. *Journal of Computational and Applied Mathematics*, 223(2):714–724, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000691> ■
- [Dor09] **Dorao:2009:STD** [DP05b] C. A. Dorao. Simulation of thermal disturbances with finite wave speeds using a high order method. *Journal of Computational and Applied Mathematics*, 231(2): 637–647, September 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001021> ■
- Dehesa:2008:PBF** J. S. Dehesa, B. Olmos, and R. J. Yáñez. Parameter-based Fisher’s information of orthogonal polynomials. *Journal of Computational and Applied Mathematics*, 214(1):136–147, April 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001021> ■
- Danumjaya:2005:OCS** P. Danumjaya and Amiya K. Pani. Orthogonal cubic spline collocation method for the extended Fisher–Kolmogorov equation. *Journal of Computational and Applied Mathematics*, 174(1): 101–117, February 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704001748> ■
- DeBoer:2005:EDD** Rob J. De Boer and Alan S. Perelson. Estimating division and death rates from CFSE data. *Journal of Computational and Applied Mathematics*, 184(1):140–164, December 1, 2005.

- CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000749>. **Delgado:2008:EAE** [DR09]
- [DP08a] J. Delgado and J. M. Peña. Error analysis of efficient evaluation algorithms for tensor product surfaces. *Journal of Computational and Applied Mathematics*, 219(1): 156–169, September 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003858>. **Delis:2008:RAB** [DRT09]
- [DP08b] A. I. Delis and I. Papoglou. Relaxation approximation to bed-load sediment transport. *Journal of Computational and Applied Mathematics*, 213(2):521–546, April 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000702>. **Debrabant:2008:CWA** [DRV08]
- [DR08] Kristian Debrabant and Andreas Rößler. Continuous weak approximation for stochastic differential equations. *Journal of Computational and Applied Mathematics*, 214(1):259–273, April 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001215>. **Dimitrov:2009:MZL**
- Dimitar K. Dimitrov and Fernando R. Rafaeli. Monotonicity of zeros of Laguerre polynomials. *Journal of Computational and Applied Mathematics*, 233(3): 699–702, December 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001149>. **DeSterck:2009:FAA**
- Hans De Sterck, Scott Rostrop, and Feng Tian. A fast and accurate algorithm for computing radial transonic flows. *Journal of Computational and Applied Mathematics*, 223(2):916–928, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001040>. **Deliege:2008:ISS**
- Geoffrey Deliége, Eveline Rosseel, and Stefan Vandewalle. Iterative solvers and stabilisation for mixed electrostatic and magnetostatic formulations. *Journal of Computational and Applied Mathematics*, 215(2):348–356, June 1, 2008. CODEN JCAMDI. ISSN

0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600745X>.

Dette:2005:NMM

[DS05a]

Holger Dette and W. J. Studen. A note on the maximization of matrix valued Hankel determinants with applications. *Journal of Computational and Applied Mathematics*, 177(1):129–140, May 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004182>.

Drummond:2005:SDM

[DS05b]

L. M. Graña Drummond and B. F. Svaiter. A steepest descent method for vector optimization. *Journal of Computational and Applied Mathematics*, 175(2):395–414, March 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003127>.

Dur:2005:PSS

[DS05c]

Mirjam Dür and Volker Stix. Probabilistic subproblem selection in branch-and-bound algorithms. *Journal of Computational and Applied Mathematics*, 182(1):67–80, October 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778

(electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704006016>.

Degani:2006:RRC

[DS06]

Ilan Degani and Jeremy Schiff. RCMS: Right Correction Magnus Series approach for oscillatory ODEs. *Journal of Computational and Applied Mathematics*, 193(2):413–436, September 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500422X>.

daSilva:2007:NMR

[dS07a]

M. A. Salgueiro da Silva. A novel method for robust minimisation of univariate functions with quadratic convergence. *Journal of Computational and Applied Mathematics*, 200(1):168–177, March 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705008034>.

Driver:2007:UOM

[DS07b]

Kathy Driver and Herbert Stahl. The uniqueness of an orthogonality measure. *Journal of Computational and Applied Mathematics*, 207(2):180–185, October 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000000>.

- [//www.sciencedirect.com/science/article/pii/S0377042706006005](http://www.sciencedirect.com/science/article/pii/S0377042706006005) ■
- Dehghan:2008:AHV**
- [DS08] Mehdi Dehghan and Fatemeh Shakeri. Application of He's variational iteration method for solving the Cauchy reaction-diffusion problem. *Journal of Computational and Applied Mathematics*, 214(2):435–446, May 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001380> ■
- Daniel:2009:IPN**
- [DS09a] Sunita Daniel and P. Shunmugaraj. An interpolating 6-point C^2 non-stationary subdivision scheme. *Journal of Computational and Applied Mathematics*, 230(1):164–172, August 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005967> ■
- Dehghan:2009:NSN**
- [DS09b] Mehdi Dehghan and Ali Shokri. Numerical solution of the nonlinear Klein-Gordon equation using radial basis functions. *Journal of Computational and Applied Mathematics*, 230(2):400–410, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708006365> ■
- Dai:2009:EEO**
- [DSC09] Xiaoxia Dai, Jie Sun, and Xiaoliang Cheng. Error estimates for an operator-splitting method for Navier-Stokes equations: Second-order schemes. *Journal of Computational and Applied Mathematics*, 231(2):696–704, September 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002696> ■ See corrigendum [Dai11].
- Dag:2006:GMN**
- [DSI06] Idris Dag, Bülent Saka, and Dursun Irk. Galerkin method for the numerical solution of the RLW equation using quintic B-splines. *Journal of Computational and Applied Mathematics*, 190(1–2):532–547, June 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002785> ■
- Dehesa:2006:CRI**
- [DSMY06] J. S. Dehesa, P. Sánchez-Moreno, and R. J. Yáñez. Cramer-Rao information plane of orthogonal hypergeometric polynomials. *Journal of Computational and Ap-*

- plied Mathematics*, 186(2): 523–541, February 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001305>. **Davies:2008:NUS**
- [DSW08] Richard Davies, Peng Shi, and Ron Wiltshire. New upper solution bounds of the discrete algebraic Riccati matrix equation. *Journal of Computational and Applied Mathematics*, 213(2):307–315, April 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000349>. **Dattoli:2005:OPH**
- [DSZ05] G. Dattoli, H. M. Srivastava, and K. Zhukovsky. Orthogonality properties of the Hermite and related polynomials. *Journal of Computational and Applied Mathematics*, 182(1):165–172, October 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704006089>. **Dai:2006:NSS**
- [DT06a] Gui-Dong Dai and Yi-Fa Tang. A note on symplecticity of step-transition mappings for multi-step methods. *Journal of Computational and Applied Mathematics*, 186(2): 474–477, November 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005984>. **Duan:2006:MGM**
- [DT06b] Yong Duan and Yong-Ji Tan. A meshless Galerkin method for Dirichlet problems using radial basis functions. *Journal of Computational and Applied Mathematics*, 196(2): 394–401, November 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005832>. **Du:2007:NSI**
- [Du07a] Kui Du. Note on structured indefinite perturbations to Hermitian matrices. *Journal of Computational and Applied Mathematics*, 202(2):258–265, May 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001270>. **Du:2007:BDR**
- [Du07b] Lili Du. Blow-up for a degenerate reaction–diffusion system with nonlinear nonlocal sources. *Journal of Computational and Applied Mathematics*, 202(2):237–247, May 15, 2007. CODEN JCAMDI.

ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001257> ■

Dubeau:2009:NMH

[Dub09]

François Dubeau. Newton's method and high-order algorithms for the n -th root computation. *Journal of Computational and Applied Mathematics*, 224(1):66–76, February 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001775> ■

Duff:2009:DUS

[Duf09]

Iain S. Duff. The design and use of a sparse direct solver for skew symmetric matrices. *Journal of Computational and Applied Mathematics*, 226(1):50–54, April 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002203> ■

Dular:2008:TDH

[Dul08]

Patrick Dular. A time-domain homogenization technique for lamination stacks in dual finite element formulations. *Journal of Computational and Applied Mathematics*, 215(2):390–399, June 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001775> ■

[//www.sciencedirect.com/science/article/pii/S0377042706007497](http://www.sciencedirect.com/science/article/pii/S0377042706007497) ■

Dunster:2006:UAA

[Dun06]

T. M. Dunster. Uniform asymptotic approximations for incomplete Riemann zeta functions. *Journal of Computational and Applied Mathematics*, 190(1–2):339–353, June 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002396> ■

Dunkl:2007:HLP

Charles F. Dunkl. Hook-lengths and pairs of compositions. *Journal of Computational and Applied Mathematics*, 199(1):39–47, February 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007363> ■

Dussault:2005:HON

Jean-Pierre Dussault. High-order Newton-penalty algorithms. *Journal of Computational and Applied Mathematics*, 182(1):117–133, October 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704006053> ■

- [DV06a] **Delvaux:2006:RSP** Steven Delvaux and Marc Van Barel. Rank structures preserved by the QR -algorithm: the singular case. *Journal of Computational and Applied Mathematics*, 189(1-2):157–178, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001329>.
- [DV06b] **Delvaux:2006:SPA** Steven Delvaux and Marc Van Barel. Structures preserved by the QR -algorithm. *Journal of Computational and Applied Mathematics*, 187(1):29–40, March 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001330>.
- [DV08a] **Delvaux:2008:ECU** Steven Delvaux and Marc Van Barel. Eigenvalue computation for unitary rank structured matrices. *Journal of Computational and Applied Mathematics*, 213(1):268–287, March 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000350>.
- [DV08b] **Delvaux:2008:URS** Steven Delvaux and Marc Van Barel. Unitary rank structured matrices. *Journal of Computational and Applied Mathematics*, 215(1):49–78, May 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001744>.
- [DVCH06] **Delage:2006:HLA** Stephanie Delage, Stephane Vincent, Jean-Paul Caltagirone, and Jean-Philippe Heiot. A hybrid linking approach for solving the conservation equations with an adaptive mesh refinement method. *Journal of Computational and Applied Mathematics*, 191(2):280–296, July 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500556X>.
- [DVD⁺08] **Dick:2008:P** Erik Dick, Jan Vierendeels, Luc Dupré, Lieven Vandevelde, Roger Van Keer, and Marián Slodicka. Preface. *Journal of Computational and Applied Mathematics*, 215(2):303, June 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007394>.

Diao:2005:SPG

[DW05]

Huaian Diao and Yimin Wei. Structured perturbations of group inverse and singular linear system with index one. *Journal of Computational and Applied Mathematics*, 173(1):93–113, January 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704001360>.

Dai:2006:FST

[DWW06]

Yongming Dai, Zhongcheng Wang, and Dongmei Wu. A four-step trigonometric fitted P -stable Obrechhoff method for periodic initial-value problems. *Journal of Computational and Applied Mathematics*, 187(2):192–201, March 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001524>.

Du:2006:SPS

[DW06a]

Kui Du and Yimin Wei. Structured pseudospectra and structured sensitivity of eigenvalues. *Journal of Computational and Applied Mathematics*, 197(2):502–519, December 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006965>.

Dong:2009:RRM

[DWY09]

Yinghui Dong, Guojing Wang, and Kam C. Yuen. On the renewal risk model under a threshold strategy. *Journal of Computational and Applied Mathematics*, 230(1):22–33, August 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005839>.

Du:2006:RPR

[DW06b]

Qiang Du and Desheng Wang. Recent progress in robust and quality Delaunay mesh generation. *Journal of Computational and Applied Mathematics*, 195(1–2):8–23, October 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004681>.

Ding:2009:NDS

[DZ09a]

Hengfei Ding and Yuxin Zhang. A new difference scheme with high accuracy and absolute stability for solving convection–diffusion equations. *Journal of Computational and Applied Mathematics*, 230(2):600–606, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005839>.

- [//www.sciencedirect.com/science/article/pii/S0377042708006547](http://www.sciencedirect.com/science/article/pii/S0377042708006547) ■
- [DZ09b] Hengfei Ding and Yuxin Zhang. A new fourth-order compact finite difference scheme for the two-dimensional second-order hyperbolic equation. *Journal of Computational and Applied Mathematics*, 230(2): 626–632, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270900003X> ■
- [DZLL06] Qi Duan, Huanling Zhang, Aikui Liu, and Huaigu Li. A bivariate rational interpolation with a bi-quadratic denominator. *Journal of Computational and Applied Mathematics*, 195(1–2):24–33, October 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004693> ■
- [DZZT07] Qi Duan, Huanling Zhang, Yunfeng Zhang, and E. H. Twizell. Error estimation of a kind of rational spline. *Journal of Computational and Applied Mathematics*, 200(1):1–11, March 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007910> ■
- [Eba09] A. Ebaid. Exact solutions for the generalized Klein–Gordon equation via a transformation and exp-function method and comparison with Adomian’s method. *Journal of Computational and Applied Mathematics*, 223(1):278–290, January 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000125> ■
- [EBP09] Lynn Erbe, Jia Baoguo, and Allan Peterson. Nonoscillation for second order sub-linear dynamic equations on time scales. *Journal of Computational and Applied Mathematics*, 232(2): 594–599, October 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003902> ■
- [ED06] Mohamed K. El-Daou. A posteriori error bounds for the approximate solution of second-order ODEs by piecewise coefficients perturbation methods. *Journal of Computational and Applied Mathematics*, 200(1):1–11, March 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007910> ■

- matics*, 189(1–2):51–66, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500018X>. ■
- [Eds09] Per Edström. Numerical performance of stability enhancing and speed increasing steps in radiative transfer solution methods. *Journal of Computational and Applied Mathematics*, 228(1):104–114, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004421>. ■
- [EE06] D. E. Edmunds and W. D. Evans. Spectral problems on arbitrary open subsets of \mathbf{R}^n involving the distance to the boundary. *Journal of Computational and Applied Mathematics*, 194(1):36–53, September 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004024>. ■
- [EEGG08] Abdellatif El Ghazi, Said El Hajji, Luc Giraud, and Serge Gratton. Newton’s method for the common eigenvector problem. *Journal of Computational and Applied Mathematics*, 219(2):398–407, October 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707006000>. ■
- [EGFO09] Mohamed A. El-Gebeily, Khaled M. Furati, and Donal O’Regan. The finite element-Galerkin method for singular
- [EFP06] Chirakkal Easwaran, Lawrence Fialkow, and Srdjan Petrovic. Can a minimal degree 6 cubature rule for the disk have all points inside? *Journal of Computational and Applied Mathematics*, 185(1):144–165, January 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000543>. ■
- [EFS05] Didier El Baz, Andreas Frommer, and Pierre Spiteri. Asynchronous iterations with flexible communication: contracting operators. *Journal of Computational and Applied Mathematics*, 176(1):91–103, April 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270400322X>. ■

self-adjoint differential equations. *Journal of Computational and Applied Mathematics*, 223(2):735–752, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800071X>■

El-Gebeily:2009:ANS

[EGFOA09]

M. A. El-Gebeily, K. M. Furati, Donal O'Regan, and Ravi Agarwal. On the approximation of nonlinear singular self-adjoint second order boundary value problems. *Journal of Computational and Applied Mathematics*, 224(1):360–372, February 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002148>■

Egidi:2007:ESE

[EGM07]

Nadaniela Egidi, Romina Gobbi, and Pierluigi Maponi. The efficient solution of electromagnetic scattering for inhomogeneous media. *Journal of Computational and Applied Mathematics*, 210(1–2):175–182, December 31, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006595>■

El-Gebeily:2006:GQM

[EGO06]

Mohamed El-Gebeily and

Donal O'Regan. A generalized quasilinearization method for second-order nonlinear differential equations with nonlinear boundary conditions. *Journal of Computational and Applied Mathematics*, 192(2):270–281, August 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003201>■

Ezquerro:2006:OCN

[EH06]

J. A. Ezquerro and M. A. Hernández. On the R -order of convergence of Newton's method under mild differentiability conditions. *Journal of Computational and Applied Mathematics*, 197(1):53–61, December 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006345>■

Ehrenmark:2006:ATC

[Ehr06]

Ulf Ehrenmark. Application of the W -transformation to compute the linearised 2-D beach problem potentials. *Journal of Computational and Applied Mathematics*, 197(2):457–464, December 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500693X>■

- [EHR09] **Ezquerro:2009:IEI** J. A. Ezquerro, M. A. Hernández, and N. Romero. Improving the efficiency index of one-point iterative processes. *Journal of Computational and Applied Mathematics*, 223(2):879–892, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000915>.
- [Eig07] **Eigenwillig:2007:MRD** Arno Eigenwillig. On multiple roots in Descartes' rule and their distance to roots of higher derivatives. *Journal of Computational and Applied Mathematics*, 200(1):226–230, March 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705008083>.
- [EIM⁺09] **ElGhami:2009:PTA** M. El Ghami, I. Ivanov, J. B. M. Melissen, C. Roos, and T. Steihaug. A polynomial-time algorithm for linear optimization based on a new class of kernel functions. *Journal of Computational and Applied Mathematics*, 224(2):500–513, February 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002574>.
- [EJ07] **Elliott:2007:EAT** David Elliott and Peter R. Johnston. Error analysis for sinh transformation used in evaluating nearly singular boundary element integrals. *Journal of Computational and Applied Mathematics*, 203(1):103–124, June 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001774>.
- [EJ08] **Elliott:2008:GLQ** David Elliott and Peter R. Johnston. Gauss–Legendre quadrature for the evaluation of integrals involving the Hankel function. *Journal of Computational and Applied Mathematics*, 211(1):23–35, January 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006923>.
- [EK07] **Everitt:2007:BDE** W. N. Everitt and H. Kalf. The Bessel differential equation and the Hankel transform. *Journal of Computational and Applied Mathematics*, 208(1):3–19, November 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006236>.

- [EKEHR08] **El-Kabeir:2008:LGA**
S. M. M. El-Kabeir, M. A. El-Hakiem, and A. M. Rashad. Lie group analysis of unsteady MHD three dimensional by natural convection from an inclined stretching surface saturated porous medium. *Journal of Computational and Applied Mathematics*, 213(2):582–603, April 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700074X>.
- [EKL⁺07] **Everitt:2007:JSN**
W. N. Everitt, K. H. Kwon, L. L. Littlejohn, R. Wellman, and G. J. Yoon. Jacobi–Stirling numbers, Jacobi polynomials, and the left-definite analysis of the classical Jacobi differential expression. *Journal of Computational and Applied Mathematics*, 208(1):29–56, November 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600625X>.
- [EL06] **Eitrich:2006:EOS**
Tatjana Eitrich and Bruno Lang. Efficient optimization of support vector machine learning parameters for unbalanced datasets. *Journal of Computational and Applied Mathematics*, 196(2):425–436, November 15, 2006.
- [EL07] **Edmunds:2007:OHT**
D. E. Edmunds and J. Lang. Operators of Hardy type. *Journal of Computational and Applied Mathematics*, 208(1):20–28, November 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006248>.
- [Ela09a] **Elaydi:2009:SAV**
Saber Elaydi. Stability and asymptoticity of Volterra difference equations: a progress report. *Journal of Computational and Applied Mathematics*, 228(2):504–513, June 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001337>.
- [Ela09b] **Eshkuvatov:2009:QFA**
Z. K. Eshkuvatov, N. M. A. Nik Long, and M. Abdulkawi. Quadrature formula for approximating the singular integral of Cauchy type with unbounded weight function on the edges. *Journal of Computational and Applied Mathematics*, 233(2):334–345, November 15, 2009. CODEN JCAMDI. ISSN

- 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004257>. [EM08a]
- Elliott:2006:OCH**
- [E1106] C. James Elliott. Orthogonal confluent hypergeometric lattice polynomials. *Journal of Computational and Applied Mathematics*, 193(1): 89–108, August 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500381X>. [EM08b]
- Egidi:2006:SMA**
- [EM06] N. Egidi and P. Maponi. A Sherman–Morrison approach to the solution of linear systems. *Journal of Computational and Applied Mathematics*, 189(1–2):703–718, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001032>. [EM08c]
- Egidi:2007:HEG**
- [EM07] N. Egidi and P. Maponi. The heat equation to generate planar grids. *Journal of Computational and Applied Mathematics*, 210(1–2): 183–190, December 31, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006601>. [EM08c]
- Egidi:2008:ASS**
- N. Egidi and P. Maponi. An active set strategy to generate quadrilateral grids. *Journal of Computational and Applied Mathematics*, 218(2): 492–505, September 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700413X>. [EM08c]
- Egidi:2008:PTI**
- Nadaniela Egidi and Pierluigi Maponi. Preconditioning techniques for the iterative solution of scattering problems. *Journal of Computational and Applied Mathematics*, 218(2): 229–237, September 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706008004>. [EM08c]
- Erturk:2008:SSF**
- Vedat Suat Ertürk and Shahr Momani. Solving systems of fractional differential equations using differential transform method. *Journal of Computational and Applied Mathematics*, 215(1):142–151, May 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001811>. [EM08c]

- [EM09] **Erbao:2009:HDE**
 Cao Erbao and Lai Mingyong. A hybrid differential evolution algorithm to vehicle routing problem with fuzzy demands. *Journal of Computational and Applied Mathematics*, 231(1):302–310, September 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000636>. ■
- [eMH05] **Abd-el-Malek:2005:CFM**
 M. B. Abd el Malek and M. M. Helal. Characteristic function method for classification of equations of hydrodynamics of a perfect fluid. *Journal of Computational and Applied Mathematics*, 182(1):105–116, October 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704006041>. ■
- [eMH06a] **Abd-el-Malek:2006:CFM**
 Mina B. Abd el Malek and Medhat M. Helal. The characteristic function method and exact solutions of nonlinear sheared flows with free surface under gravity. *Journal of Computational and Applied Mathematics*, 189(1–2):2–21, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007163>. ■
- [eMH06b] **Abd-el-Malek:2006:SAM**
 Mina B. Abd el Malek and Medhat M. Helal. Semi-analytical method for solving nonlinear heat diffusion problems in spherical medium. *Journal of Computational and Applied Mathematics*, 193(1):10–21, August 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003766>. ■
- [eMH08] **Abd-el-Malek:2008:SSM**
 Mina B. Abd el Malek and Medhat M. Helal. Similarity solutions for magneto-forced-unsteady free convective laminar boundary-layer flow. *Journal of Computational and Applied Mathematics*, 218(2):202–214, September 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007163>. ■
- [EMMP07] **Everitt:2007:CUS**
 W. N. Everitt, L. Markus, M. Muzzolini, and M. Plum. A continuum of unusual self-adjoint linear partial differential operators. *Journal of Computational and Applied Mathematics*, 208(1):164–175, November 1, 2007.

CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006339>■

Eymard:2008:IFV

- [EMP08] Robert Eymard, Sophie Mercier, and Alain Prignet. An implicit finite volume scheme for a scalar hyperbolic problem with measure data related to piecewise deterministic Markov processes. *Journal of Computational and Applied Mathematics*, 222(2): 293–323, December 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005985>■

Engblom:2009:SAS

- [Eng09] Stefan Engblom. Spectral approximation of solutions to the chemical master equation. *Journal of Computational and Applied Mathematics*, 229(1):208–221, July 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005578>■

Enright:2006:VAS

- [Enr06] W. H. Enright. Verifying approximate solutions to differential equations. *Journal of Computational and Applied Mathematics*, 185(2): 203–211, January 15, 2006. [Eps09]

CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500110X>■

Estep:2009:PEA

- [EPP+09] Don Estep, Michael Pernice, Du Pham, Simon Tavener, and Haiying Wang. A posteriori error analysis of a cell-centered finite volume method for semilinear elliptic problems. *Journal of Computational and Applied Mathematics*, 233(2): 459–472, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270900452X>■

Erbe:2005:ABS

- [EPS05] L. Erbe, A. Peterson, and S. H. Saker. Asymptotic behavior of solutions of a third-order nonlinear dynamic equation on time scales. *Journal of Computational and Applied Mathematics*, 181(1): 92–102, September 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005552>■

Epshteyn:2009:DGM

- [Eps09] Yekaterina Epshteyn. Discontinuous Galerkin methods for the chemotaxis and haptotaxis models. *Journal*

- of *Computational and Applied Mathematics*, 224(1): 168–181, February 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001878>. ■
- [ER07] **Epshteyn:2007:EPP**
Yekaterina Epshteyn and Béatrice Rivière. Estimation of penalty parameters for symmetric interior penalty Galerkin methods. *Journal of Computational and Applied Mathematics*, 206(2): 843–872, September 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005279>. ■
- [ER09] **Epshteyn:2009:ADG**
Yekaterina Epshteyn and Beatrice Rivière. Analysis of hp discontinuous Galerkin methods for incompressible two-phase flow. *Journal of Computational and Applied Mathematics*, 225(2): 487–509, March 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004214>. ■
- [ESAD05] **El-Sayed:2005:NIF**
Salah M. El-Sayed and Asmaa M. Al-Dbiban. A new inversion free iteration for solving the equation $X + A^*X^{-1}A = Q$. *Journal of Computational and Applied Mathematics*, 181(1): 148–156, September 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005588>. ■
- [EST07a] **Escribano:2007:FPT**
C. Escribano, M. A. Sastre, and E. Torrano. A fixed point theorem for moment matrices of self-similar measures. *Journal of Computational and Applied Mathematics*, 207(2):352–359, October 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006091>. ■
- [Est07b] **Estatico:2007:RFM**
Claudio Estatico. Regularized fast multiple-image deconvolution for LBT. *Journal of Computational and Applied Mathematics*, 198(2): 443–459, January 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007259>. ■
- [ET06] **Erhan:2006:MCQ**
Inci M. Erhan and H. Taseli. A model for the computation of quantum billiards with arbitrary shapes. *Journal*

of *Computational and Applied Mathematics*, 194(2): 227–244, October 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004528>.

Elteto:2008:NAM

[ÉT08]

T. Éltető and M. Telek. Numerical analysis of M/G/1 type queueing systems with phase type transition structure. *Journal of Computational and Applied Mathematics*, 212(2):331–340, March 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007345>.

Exton:1999:NTT

[Ext99]

H. Exton. A new two-term relation for the ${}_3F_2$ hypergeometric function of unit argument. *Journal of Computational and Applied Mathematics*, 106(2):395–397, June 30, 1999. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042799000771>. See comment [Mil06].

Ehrhardt:2006:FCE

[EZ06]

Matthias Ehrhardt and Andrea Zisowsky. Fast calculation of energy and mass preserving solutions of Schrödinger–Poisson systems

[EZ07]

[Fai07]

[Fan09]

on unbounded domains. *Journal of Computational and Applied Mathematics*, 187(1):1–28, March 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001317>.

Ehrhardt:2007:DNL

Matthias Ehrhardt and Andrea Zisowsky. Discrete non-local boundary conditions for split-step Padé approximations of the one-way Helmholtz equation. *Journal of Computational and Applied Mathematics*, 200(2): 471–490, March 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600029X>.

Fairag:2007:AFE

Faisal A. Fairag. Analysis and finite element approximation of a Ladyzhenskaya model for viscous flow in streamfunction form. *Journal of Computational and Applied Mathematics*, 206(1): 374–391, September 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004754>.

Fan:2009:GCI

Xiaona Fan. A globally con-

- vergent interior point algorithm for non-convex non-linear programming. *Journal of Computational and Applied Mathematics*, 224(2): 622–627, February 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002793>. ■
- [Farin06] Gerald Farin. Dimensions of spline spaces over unrestricted triangulations. *Journal of Computational and Applied Mathematics*, 192(2): 320–327, August 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003535>. ■
- [FC09] Neville J. Ford and Joseph A. Connolly. Systems-based decomposition schemes for the approximate solution of multi-term fractional differential equations. *Journal of Computational and Applied Mathematics*, 229(2): 382–391, July 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001593>. ■
- [FD09] Hai Rong Feng and Xie Ping
- [FDC08] Xuchuan Fan, Jiansong Deng, and Falai Chen. Zeros of univariate interval polynomials. *Journal of Computational and Applied Mathematics*, 216(2): 563–573, July 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002968>. ■
- [FDFL07] Neville J. Ford, Teresa Diogo, Judith M. Ford, and Pedro Lima. Numerical modelling of qualitative behaviour of solutions to convolution integral equations. *Journal of Computational and Applied Mathematics*, 205(2): 849–858, August 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004079>. ■
- Ding. A new system of generalized nonlinear quasi-variational-like inclusions with A -monotone operators in Banach spaces. *Journal of Computational and Applied Mathematics*, 225(2): 365–373, March 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003841>. ■

Farin:2006:DSS

Fan:2008:ZUI

Ford:2009:SBD

Ford:2007:NMQ

Feng:2009:NSG

- [Fer07] **Fernandez:2007:OSL**
 Noemí Laín Fernández. Optimally space-localized band-limited wavelets on \mathbf{S}^{q-1} . *Journal of Computational and Applied Mathematics*, 199(1):68–79, February 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007399>.
- [FFSS09] **Fokas:2009:SAN**
 A. S. Fokas, N. Flyer, S. A. Smitheman, and E. A. Spence. A semi-analytical numerical method for solving evolution and elliptic partial differential equations. *Journal of Computational and Applied Mathematics*, 227(1):59–74, May 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003294>.
- [Fer09] **Ferreira:2009:NQS**
 Raúl Ferreira. Numerical quenching for the semilinear heat equation with a singular absorption. *Journal of Computational and Applied Mathematics*, 228(1):92–103, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800441X>.
- [FG07] **Fridman:2007:SLS**
 Emilia Fridman and Michael Gil'. Stability of linear systems with time-varying delays: a direct frequency domain approach. *Journal of Computational and Applied Mathematics*, 200(1):61–66, March 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500796X>.
- [FFK05] **Fill:2005:SAH**
 James Allen Fill, Philippe Flajolet, and Nevin Kapur. Singularity analysis, Hadamard products, and tree recurrences. *Journal of Computational and Applied Mathematics*, 174(2):271–313, February 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704002171>.
- [FG08] **Fornasier:2008:STB**
 Massimo Fornasier and Laura Gori. Sampling theorems on bounded domains. *Journal of Computational and Applied Mathematics*, 221(2):376–385, November 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005699>.

- [FG09] **Fata:2009:SAI**
 S. Nintcheu Fata and L. J. Gray. Semi-analytic integration of hypersingular Galerkin BIEs for three-dimensional potential problems. *Journal of Computational and Applied Mathematics*, 231(2):561–576, September 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002477>.
- [FGB07] **Fazzolari:2007:EAS**
 Antonio Fazzolari, Nicolas R. Gauger, and Joël Brezillon. Efficient aerodynamic shape optimization in MDO context. *Journal of Computational and Applied Mathematics*, 203(2):548–560, June 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002214>.
- [FGRW09] **Fitt:2009:FDE**
 A. D. Fitt, A. R. H. Goodwin, K. A. Ronaldson, and W. A. Wakeham. A fractional differential equation for a MEMS viscometer used in the oil industry. *Journal of Computational and Applied Mathematics*, 229(2):373–381, July 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001581>.
- [FH07] **Farouki:2007:EBC**
 Rida T. Farouki and Joel Hass. Evaluating the boundary and covering degree of planar Minkowski sums and other geometrical convolutions. *Journal of Computational and Applied Mathematics*, 209(2):246–266, December 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600690X>.
- [FH09a] **Fang:2009:SMN**
 Liang Fang and Guoping He. Some modifications of Newton’s method with higher-order convergence for solving nonlinear equations. *Journal of Computational and Applied Mathematics*, 228(1):296–303, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004871>.
- [FH09b] **Fernandez:2009:PPE**
 J. R. Fernández and P. Hild. A priori and a posteriori error analyses in the study of viscoelastic problems. *Journal of Computational and Applied Mathematics*, 225(2):569–580, March 15, 2009. CODEN JCAMDI. ISSN

- 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004299>.
Frochte:2009:STH
- [FH09c] Jörg Frochte and Wilhelm Heinrichs. A splitting technique of higher order for the Navier–Stokes equations. *Journal of Computational and Applied Mathematics*, 228(1):373–390, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005049>.
Fang:2008:CCN
- [FHH08] Liang Fang, Guoping He, and Zhongyong Hu. A cubically convergent Newton-type method under weak conditions. *Journal of Computational and Applied Mathematics*, 220(1–2):409–412, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700461X>.
Frommer:2007:PEZ
- [FHL07] A. Frommer, F. Hoxha, and B. Lang. Proving the existence of zeros using the topological degree and interval arithmetic. *Journal of Computational and Applied Mathematics*, 199(2):397–402, February 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007788>.
Feng:2009:AMH
- [FHM09] Xinlong Feng, Yinnian He, and Jixiang Meng. Application of modified homotopy perturbation method for solving the augmented systems. *Journal of Computational and Applied Mathematics*, 231(1):288–301, September 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000624>.
Fijnvandraat:2006:TDA
- [FHtMP06] J. G. Fijnvandraat, S. H. M. J. Houben, E. J. W. ter Maten, and J. M. F. Peters. Time domain analog circuit simulation. *Journal of Computational and Applied Mathematics*, 185(2):441–459, January 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001251>.
Farago:2009:RES
- [FHZ09] István Faragó, Ágnes Havasi, and Zahari Zlatev. Richardson extrapolated sequential splitting and its application. *Journal of Computational and Applied Mathematics*, 226

(2):218–227, April 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004020>.

Fasino:2007:RNT

[FI07]

Dario Fasino and Gabriele Inglese. Recovering nonlinear terms in an inverse boundary value problem for Laplace's equation: a stability estimate. *Journal of Computational and Applied Mathematics*, 198(2):460–470, January 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007260>.

Finden:2007:HOA

[Fin07]

W. F. Finden. Higher order approximations using interpolation applied to collocation solutions of two-point boundary value problems. *Journal of Computational and Applied Mathematics*, 206(1):99–115, September 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003840>.

Finden:2008:ETU

[Fin08]

W. F. Finden. An error term and uniqueness for Hermite–Birkhoff interpolation involving only function values and/or first derivative

values. *Journal of Computational and Applied Mathematics*, 212(1):1–15, February 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007072>.

Fang:2006:HML

[FIR06]

Weifu Fang, Kazufumi Ito, and David A. Redfern. A homogenization model for laser beam-induced current imaging and detection of non-uniformities in semiconductor arrays. *Journal of Computational and Applied Mathematics*, 194(2):395–408, October 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005029>.

Feng:2008:PSC

[FJG08]

Meiqiang Feng, Dehong Ji, and Weigao Ge. Positive solutions for a class of boundary-value problem with integral boundary conditions in Banach spaces. *Journal of Computational and Applied Mathematics*, 222(2):351–363, December 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707006036>.

Feng:2007:CSS

[FJT07]

Quan-Dong Feng, Yan-Dong

- Jiao, and Yi-Fa Tang. Conjugate symplecticity of second-order linear multi-step methods. *Journal of Computational and Applied Mathematics*, 203(1):6–14, June 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001555>. **Fan:2006:GAS** [FL06a]
- Yong-Hong Fan and Wan-Tong Li. Global asymptotic stability of a ratio-dependent predator-prey system with diffusion. *Journal of Computational and Applied Mathematics*, 188(2):205–227, April 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002505>.
- Fritzsche:2005:HMR**
- [FKL05] Bernd Fritzsche, Bernd Kirstein, and Andreas Lasarow. On Hilbert modules of rational matrix-valued functions and related inverse problems. *Journal of Computational and Applied Mathematics*, 179(1–2):215–248, July 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004509>. [FL06b]
- Firsov:2006:DDM**
- D. Firsov and S. H. Lui. Domain decomposition methods in image denoising using Gaussian curvature. *Journal of Computational and Applied Mathematics*, 193(2):460–473, September 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004255>.
- Francisco:2005:IPM**
- [FKM05] J. B. Francisco, N. Krejić, and J. M. Martínez. An interior-point method for solving box-constrained underdetermined nonlinear systems. *Journal of Computational and Applied Mathematics*, 177(1):67–88, May 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270400398X>. [FL06c]
- Ford:2006:ADS**
- Neville J. Ford and Patricia M. Lumb. An algorithm to detect small solutions in linear delay differential equations. *Journal of Computational and Applied Mathematics*, 193(1):121–139, August 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003833>.

- [FL08a] **Foufas:2008:VAO**
 Georgios Foufas and Mats G. Larson. Valuing Asian options using the finite element method and duality techniques. *Journal of Computational and Applied Mathematics*, 222(1): 144–158, December 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005547> ■
- [FL08b] **Fu:2008:STN**
 Xilin Fu and Xiaodi Li. *W*-stability theorems of nonlinear impulsive functional differential systems. *Journal of Computational and Applied Mathematics*, 221(1): 33–46, November 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005213> ■
- [FL09a] **Feng:2009:SPQ**
 Renzhong Feng and Feng Li. A shape-preserving quasi-interpolation operator satisfying quadratic polynomial reproduction property to scattered data. *Journal of Computational and Applied Mathematics*, 225(2): 594–601, March 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000521> ■
- [FL09b] **Ford:2009:MTF**
 Neville J. Ford and Patricia M. Lumb. Mixed-type functional differential equations: a numerical approach. *Journal of Computational and Applied Mathematics*, 229(2):471–479, July 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001672> ■
- [FL09c] **Fu:2009:GES**
 Xilin Fu and Xiaodi Li. Global exponential stability and global attractivity of impulsive Hopfield neural networks with time delays. *Journal of Computational and Applied Mathematics*, 231(1): 187–199, September 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000521> ■
- [FL09d] **Fu:2009:RTT**
 Xilin Fu and Xiaodi Li. Razumikhin-type theorems on exponential stability of impulsive infinite delay differential systems. *Journal of Computational and Applied Mathematics*, 224(1):1–10, February 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000521> ■

- (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001489>. ■
- Favati:2007:ASI**
- [FLMR07] P. Favati, G. Lotti, O. Menchi, ■ [FLS06] and F. Romani. Adaptive solution of infinite linear systems by Krylov subspace methods. *Journal of Computational and Applied Mathematics*, 210(1–2):191–199, December 31, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006613>. ■
- Fevriere:2009:PPM**
- [FLPA09] C. Février, J. Laminie, P. Pouillet, and Ph. Angot. On the penalty-projection method for the Navier–Stokes equations with the MAC mesh. *Journal of Computational and Applied Mathematics*, 226(2):228–245, April 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004032>. ■
- Filbir:2005:HCT**
- [FLS05] Frank Filbir, Rupert Lasser, and Ryszard Szwarc. Hypergroups of compact type. *Journal of Computational and Applied Mathematics*, 178(1–2):205–214, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007004>. ■
- Ferreira:2006:GHF**
- Chelo Ferreira, José L. López, and Ester Pérez Sinusía. The Gauss hypergeometric function $F(a, b; c; z)$ for large c . *Journal of Computational and Applied Mathematics*, 197(2):568–577, December 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007004>. ■
- Ferreira:2008:ARB**
- Chelo Ferreira, José L. López, and Ester Pérez Sinusía. Asymptotic relations between the Hahn-type polynomials and Meixner–Pollaczek, Jacobi, Meixner and Krawtchouk polynomials. *Journal of Computational and Applied Mathematics*, 217(1):88–109, July 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003172>. ■
- Ling:2008:MVM**
- [FLxXT08] Ai fan Ling, Cheng xian Xu, and Le Tang. A modified VNS metaheuristic for maximisation problems. *Journal of Computational and Applied Mathematics*, 220(1–2):413–421, October 15, 2008.

CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004621>.

Ford:2009:NIC

[FN09]

Neville J. Ford and Stewart J. Norton. Noise-induced changes to the behaviour of semi-implicit Euler methods for stochastic delay differential equations undergoing bifurcation. *Journal of Computational and Applied Mathematics*, 229(2):462–470, July 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001660>.

Flauraud:2006:OIC

[FNW06]

E. Flauraud, F. Nataf, and F. Willien. Optimized interface conditions in domain decomposition methods for problems with extreme contrasts in the coefficients. *Journal of Computational and Applied Mathematics*, 189(1–2):539–554, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003675>.

Fischer:2005:MPR

[FO05]

M. Fischer and P. Oja. Monotonicity preserving rational spline histopolation. *Journal of Computational and Ap-*

plied Mathematics, 175(2):195–208, March 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704002286>.

Franco:2005:FOP

[FOP05]

Daniel Franco, Donal O’Regan, and Juan Perán. Fourth-order problems with nonlinear boundary conditions. *Journal of Computational and Applied Mathematics*, 174(2):315–327, February 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704002183>.

Fischer:2007:CSP

[FOT07]

Malle Fischer, Peeter Oja, and Helle Trossmann. Comonotone shape-preserving spline histopolation. *Journal of Computational and Applied Mathematics*, 200(1):127–139, March 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705008009>.

Fornasier:2008:AIT

[FP08]

Massimo Fornasier and Francesca Pitolli. Adaptive iterative thresholding algorithms for magnetoencephalography (MEG). *Journal of Computational and Applied*

Mathematics, 221(2):386–395, November 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005705>.

Ferreira:2005:CSS

- [FPO05] J. A. Ferreira, F. Patrício, and F. Oliveira. On the computation of solutions of systems of interval polynomial equations. *Journal of Computational and Applied Mathematics*, 173(2):295–302, January 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270400158X>.

Fernandez:2005:WCO

- [FPP05a] Lidia Fernández, Teresa E. Pérez, and Miguel A. Piñar. Weak classical orthogonal polynomials in two variables. *Journal of Computational and Applied Mathematics*, 178(1–2):191–203, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003863>.

Fulton:2005:CSF

- [FPP05b] Charles Fulton, David Pearson, and Steven Pruess. Computing the spectral function for singular Sturm–Liouville problems. *Journal of Compu-*

tational and Applied Mathematics, 176(1):131–162, April 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003243>.

Fernandez:2007:SOP

- [FPP07] Lidia Fernández, Teresa E. Pérez, and Miguel A. Piñar. Second order partial differential equations for gradients of orthogonal polynomials in two variables. *Journal of Computational and Applied Mathematics*, 199(1):113–121, February 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007430>.

Fulton:2008:ECS

- [FPP08a] Charles Fulton, David Pearson, and Steven Pruess. Efficient calculation of spectral density functions for specific classes of singular Sturm–Liouville problems. *Journal of Computational and Applied Mathematics*, 212(2):150–178, March 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007205>.

Fulton:2008:NCS

- [FPP08b] Charles Fulton, David Pearson, and Steven Pruess. New

- characterizations of spectral density functions for singular Sturm–Liouville problems. *Journal of Computational and Applied Mathematics*, 212(2):194–213, March 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007230>. ■
- [FR07] **Fischer:2007:DSC**
Markus Fischer and Markus Reiß. Discretisation of stochastic control problems for continuous time dynamics with delay. *Journal of Computational and Applied Mathematics*, 205(2):969–981, August 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004171>. ■
- [FPS08] **Fancello:2008:VFN**
E. A. Fancello, J. P. Ponthot, and L. Stainier. A variational framework for nonlinear viscoelastic models in finite deformation regime. *Journal of Computational and Applied Mathematics*, 215(2):400–408, June 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007503>. ■
- [Fra05] **Franco:2005:SEA**
J. M. Franco. Stability of explicit ARKN methods for perturbed oscillators. *Journal of Computational and Applied Mathematics*, 173(2):389–396, January 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704002377>. ■
- [FR06] **Floater:2006:PBM**
Michael S. Floater and Atgeirr F. Rasmussen. Point-based methods for estimating the length of a parametric curve. *Journal of Computational and Applied Mathematics*, 196(2):512–522, November 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006023>. ■
- [Fra06] **Franco:2006:CET**
J. M. Franco. A class of explicit two-step hybrid methods for second-order IVPs. *Journal of Computational and Applied Mathematics*, 187(1):41–57, March 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001445>. ■

- [FS07] **Figotin:2007:HTT** Alexander Figotin and Jeffrey Schenker. Hamiltonian treatment of time dispersive and dissipative media within the linear response theory. *Journal of Computational and Applied Mathematics*, 204(2):199–208, July 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003505>
- [FSW09] **Fang:2009:RTF** Yonglei Fang, Yongzhong Song, and Xinyuan Wu. A robust trigonometrically fitted embedded pair for perturbed oscillators. *Journal of Computational and Applied Mathematics*, 225(2):347–355, March 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003816>
- [FS08] **Ferreira:2008:ZMF** Erasmo M. Ferreira and Javier Sesma. Zeros of the Macdonald function of complex order. *Journal of Computational and Applied Mathematics*, 211(2):223–231, February 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007084>
- [FT05] **Frankel:2005:IEF** J. I. Frankel and K. Taira. Integral equation formulation and error estimates for radial flow between two flat disks. *Journal of Computational and Applied Mathematics*, 181(1):103–124, September 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005564>
- [FSL09] **Fan:2009:MSS** Zhencheng Fan, Minghui Song, and Mingzhu Liu. The α -th moment stability for the stochastic pantograph equation. *Journal of Computational and Applied Mathematics*, 233(2):109–120, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002751>
- [FT08] **Famelis:2008:SDO** I. Th. Famelis and Ch. Tsirtouras. Symbolic derivation of order conditions for hybrid Numerov-type methods solving $y'' = f(x, y)$. *Journal of Computational and Applied Mathematics*, 218(2):543–555, September 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005171>

Francomano:2005:WLB[FTT⁺05]

E. Francomano, A. Torrici, E. Toscano, G. Ala, and F. Viola. Wavelet-like bases for thin-wire integral equations in electromagnetics. *Journal of Computational and Applied Mathematics*, 175(1):77–86, March 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704002456>.

Fiocco:2006:MLF

[FvZ06]

Marta Fiocco and Willem R. van Zwet. Maximum likelihood for the fully observed contact process. *Journal of Computational and Applied Mathematics*, 186(1):117–129, February 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001925>.

Fu:2008:TSP

[Fu08]

Xiaoling Fu. A two-stage prediction–correction method for solving monotone variational inequalities. *Journal of Computational and Applied Mathematics*, 214(2):345–355, May 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001306>.

Fang:2009:ODB

[FW09]

Ying Fang and Rong Wu. Optimal dividends in the Brownian motion risk model with interest. *Journal of Computational and Applied Mathematics*, 229(1):145–151, July 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005359>.

Fan:2009:APS**Flajolet:2008:DZV**

[FV08]

Philippe Flajolet and Linas Vepstas. On differences of zeta values. *Journal of Computational and Applied Mathematics*, 220(1–2):58–73, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004165>.

[FWY09]

Qiyi Fan, Wentao Wang, and Xuejun Yi. Anti-periodic solutions for a class of nonlinear n -th-order differential equations with delays. *Journal of Computational and Applied Mathematics*, 230(2):762–769, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000144>.

Fan:2009:PSS

- [FWZ09] Qiyi Fan, Wentao Wang, and Jinglei Zhou. Periodic solutions of some fourth-order nonlinear differential equations. *Journal of Computational and Applied Mathematics*, 233(2): 121–126, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003987>.

Fang:2009:NRR

- [FZ09] Weifu Fang and Suxing Zeng. Numerical recovery of Robin boundary from boundary measurements for the Laplace equation. *Journal of Computational and Applied Mathematics*, 224(2): 573–580, February 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002641>.

Feng:2006:TOF

- [FY06] Yuan Feng and Lixing Yang. A two-objective fuzzy k -cardinality assignment problem. *Journal of Computational and Applied Mathematics*, 197(1):233–244, December 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006564>.

Fornberg:2007:SAT

- [FZL07] Bengt Fornberg, Julia Zuev, and Jongwoo Lee. Stability and accuracy of time-extrapolated ADI–FDTD methods for solving wave equations. *Journal of Computational and Applied Mathematics*, 200(1):178–192, March 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705008046>.

Ferchichi:2008:IFB

- [FZ08] J. Ferchichi and J. P. Zolésio. Identification of a free boundary in Norton–Hoff flows with thermal effects. *Journal of Computational and Applied Mathematics*, 220(1–2): 181–197, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004359>.

Gavriliadis:2009:MIP

- [GA09] P. N. Gavriliadis and G. A. Athanassoulis. Moment information for probability distributions, without solving the moment problem, II: Main-mass, tails and shape approximation. *Journal of Computational and Applied Mathematics*, 229(1):7–15, July 1, 2009. CODEN JCAMDI.

ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800513X>■

Galo:2008:COP

[GAC⁺08]

J. R. Galo, I. I. Albarreal, M. C. Calzada, J. L. Cruz, E. Fernández-Cara, and M. Marín. Convergence and optimization of the parallel method of simultaneous directions for the solution of elliptic problems. *Journal of Computational and Applied Mathematics*, 222(2): 458–476, December 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707006231>■

Galperin:2006:SMR

[Gal06]

A. Galperin. Secant method with regularly continuous divided differences. *Journal of Computational and Applied Mathematics*, 193(2): 574–595, September 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004334>■

Galaktionov:2009:TTS

[Gal09]

V. A. Galaktionov. Three types of self-similar blow-up for the fourth-order p -Laplacian equation with source. *Journal of Computational and Applied Mathemat-*

ics, 223(1):326–355, January 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000265>■

Gan:2007:DMN

[Gan07]

Siqing Gan. Dissipativity of θ -methods for nonlinear Volterra delay-integro-differential equations. *Journal of Computational and Applied Mathematics*, 206(2): 898–907, September 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005395>■

Gantumur:2008:OAW

[Gan08]

Tsogtgerel Gantumur. An optimal adaptive wavelet method for nonsymmetric and indefinite elliptic problems. *Journal of Computational and Applied Mathematics*, 211(1):90–102, January 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006984>■

Gao:2005:ERS

[Gao05]

Xiao-Wei Gao. Evaluation of regular and singular domain integrals with boundary-only discretization-theory and Fortran code. *Journal of Computational and Applied Mathematics*,

- 175(2):265–290, March 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704002328>. ■
- [Gao06] **Gao:2006:NET** [Gar09] Xiao-Wei Gao. Numerical evaluation of two-dimensional singular boundary integrals — theory and Fortran code. *Journal of Computational and Applied Mathematics*, 188(1):44–64, April 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001597>. ■
- [Gar07a] **Garrappa:2007:UGM** [Gás09] Roberto Garrappa. The use of geometric meshes in product integration Simpson’s rules. *Journal of Computational and Applied Mathematics*, 210(1–2):200–209, December 31, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006625>. ■
- [GAR07b] **Gorenflo:2007:CGL** [Gau05a] R. Gorenflo and E. A. Abdel-Rehim. Convergence of the Grünwald–Letnikov scheme for time-fractional diffusion. *Journal of Computational and Applied Mathematics*, 205(2):871–881, August 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004092>. ■
- Garrappa:2009:SEA** Roberto Garrappa. On some explicit Adams multi-step methods for fractional differential equations. *Journal of Computational and Applied Mathematics*, 229(2):392–399, July 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800160X>. ■
- Gaspar:2009:MLM** C. Gáspár. Multi-level meshless methods based on direct multi-elliptic interpolation. *Journal of Computational and Applied Mathematics*, 226(2):259–267, April 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004056>. ■
- Gautschi:2005:CPO** Walter Gautschi. Computing polynomials orthogonal with respect to densely oscillating and exponentially decaying weight functions and related integrals. *Journal of Computational and Applied Mathematics*, 184(2):493–504, December 15, 2005. CODEN JCAMDI. ISSN

- 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000440>.
Gautschi:2005:HLF [GBR09]
- [Gau05b] Walter Gautschi. The Hardy–Littlewood function: an exercise in slowly convergent series. *Journal of Computational and Applied Mathematics*, 179(1–2):249–254, July 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004510>.
Gautschi:2005:OPM
- [Gau05c] Walter Gautschi. Orthogonal polynomials (in Matlab). *Journal of Computational and Applied Mathematics*, 178(1–2):215–234, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003760>.
Gautschi:2008:EAC
- [Gau08] Walter Gautschi. On Euler’s attempt to compute logarithms by interpolation: a commentary to his letter of February 16, 1734 to Daniel Bernoulli. *Journal of Computational and Applied Mathematics*, 219(2):408–415, October 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003171>.
Gupta:2009:GBP
- R. K. Gupta, A. K. Bhunia, and D. Roy. A GA based penalty function technique for solving constrained redundancy allocation problem of series system with interval valued reliability of components. *Journal of Computational and Applied Mathematics*, 232(2):275–284, October 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003549>.
Gracia:2006:CFD
- [GC06] J. L. Gracia and C. Clavero. A compact finite difference scheme for 2D reaction–diffusion singularly perturbed problems. *Journal of Computational and Applied Mathematics*, 192(1):152–167, July 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003171>.
Geng:2009:NMB
- [GC09] Fazhan Geng and Minggen Cui. New method based on the HPM and RKHSM for solving forced Duffing equations with integral boundary conditions. *Journal of Computational and Applied Mathematics*, 233(2):

- 165–172, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004051> ■
- Gebizlioglu:2009:RMS**
- [GD09] Omer L. Gebizlioglu and Jan Dhaene. Risk measures and solvency — special issue: Guest Editors’ foreword. *Journal of Computational and Applied Mathematics*, 233(1):1–2, November 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004324> ■
- Gillman:2007:MHF**
- [GDA07] Adrianna Gillman, Rabia Djellouli, and Mohamed Amara. A mixed hybrid formulation based on oscillated finite element polynomials for solving Helmholtz problems. *Journal of Computational and Applied Mathematics*, 204(2):515–525, July 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003773> ■
- Gafiychuk:2008:MMT**
- [GDM08] V. Gafiychuk, B. Datsko, and V. Meleshko. Mathematical modeling of time fractional reaction–diffusion systems. *Journal of Computational and Applied Mathematics*, 220(1–2):215–225, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004372> ■
- Geiser:2008:IOS**
- [Gei08] Jürgen Geiser. Iterative operator-splitting methods with higher-order time integration methods and applications for parabolic partial differential equations. *Journal of Computational and Applied Mathematics*, 217(1):227–242, July 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003512> ■
- Geiser:2009:OSM**
- [Gei09] Jürgen Geiser. Operator-splitting methods in respect of eigenvalue problems for nonlinear equations and applications for Burgers equations. *Journal of Computational and Applied Mathematics*, 231(2):815–827, September 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270900301X> ■
- Gemikonakli:2009:AST**
- [GEK09] Orhan Gemikonakli, Enver Ever, and Altan Kocyigit.

- Approximate solution for two stage open networks with Markov-modulated queues minimizing the state space explosion problem. *Journal of Computational and Applied Mathematics*, 223(1): 519–533, January 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000502> [GG07]
- Gatteschi:2007:MGI**
Luigi Gatteschi and Carla Giordano. On a method for generating inequalities for the zeros of certain functions. *Journal of Computational and Applied Mathematics*, 207(2):186–191, October 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006030>
- Gemignani:2005:UHB**
[Gem05] Luca Gemignani. A unitary Hessenberg QR -based algorithm via semiseparable matrices. *Journal of Computational and Applied Mathematics*, 184(2):505–517, December 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000452> [GG08]
- Govaerts:2008:SCC**
W. Govaerts and R. Khosh-siar Ghaziani. Stable cycles in a Cournot duopoly model of kopel. *Journal of Computational and Applied Mathematics*, 218(2): 247–258, September 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000246>
- Guo:2008:NDS**
[GF08] Yuzhen Guo and Enmin Feng. Nonlinear dynamical systems of trajectory design for 3D horizontal well and their optimal controls. *Journal of Computational and Applied Mathematics*, 212(2): 179–186, March 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007217> [GG09a]
- Galeone:2009:EMF**
Luciano Galeone and Roberto Garrappa. Explicit methods for fractional differential equations and their stability properties. *Journal of Computational and Applied Mathematics*, 228(2): 548–560, June 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001350>

- [GG09b] **Gu:2009:NMP**
 Xiaojuan Gu and Li Gao. A new method for parameter estimation of edge-preserving regularization in image restoration. *Journal of Computational and Applied Mathematics*, 225(2): 478–486, March 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004202>.
- [GGG09] **Gamez:2009:HON**
 D. Gámez, A. I. Garralda Guillem, and M. Ruiz Galán. High-order nonlinear initial-value problems countably determined. *Journal of Computational and Applied Mathematics*, 228(1):77–82, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004391>.
- [GGA08] **Gulati:2008:SOS**
 T. R. Gulati, S. K. Gupta, and I. Ahmad. Second-order symmetric duality with cone constraints. *Journal of Computational and Applied Mathematics*, 220(1–2): 347–354, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004554>.
- [GGM06] **Ghelardoni:2006:PAS**
 P. Ghelardoni, G. Gheri, and M. Marletta. A polynomial approach to the spectral corrections for Sturm–Liouville problems. *Journal of Computational and Applied Mathematics*, 185(2): 360–376, January 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001202>.
- [GGD08] **Galvao:2008:ALS**
 Árpád Galvão, Marc Geritsma, and Bart De Maerschalck. *hp*-Adaptive least squares spectral element method for hyperbolic partial differential equations. *Journal of Computational and Applied Mathematics*, 215(2):409–418, June 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004202>.
- [GGP09] **Guidoboni:2009:OSN**
 Giovanna Guidoboni, Roland Glowinski, and Matteo Pasquali. Operator splitting for the numerical solution of free surface flow at low capillary numbers. *Journal of Computational and Applied Mathematics*, 232(1): 72–81, October 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001202>.

- 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005463> ■
- Gasull:2007:ENA**
- [GGT07] A. Gasull, H. Giacomini, and J. Torregrosa. Explicit non-algebraic limit cycles for polynomial systems. *Journal of Computational and Applied Mathematics*, 200(1):448–457, March 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000276> ■
- Genz:2006:EPE**
- [GH06] Michael Genz and Erich Haeusler. Empirical processes with estimated parameters under auxiliary information. *Journal of Computational and Applied Mathematics*, 186(1):191–216, February 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001962> ■
- Ghoreishi:2008:IMB**
- [GH08] F. Ghoreishi and S. Mohammad Hosseini. Integration matrix based on arbitrary grids with a preconditioner for pseudospectral method. *Journal of Computational and Applied Mathematics*, 214(1):274–287, April 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001227> ■
- Galantai:2009:HMR**
- A. Galántai and C. J. Hegedűs. Hyman’s method revisited. *Journal of Computational and Applied Mathematics*, 226(2):246–258, April 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004044> ■
- Gallopoulos:2009:P**
- Efstratios Gallopoulos, Apostolos Hadjidimos, Ilias S. Kotsireas, Dimitrios Noutsos, and Michael N. Vrahatis. Preface. *Journal of Computational and Applied Mathematics*, 227(1):1–4, May 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003233> ■
- Garcia:2009:ORF**
- A. G. García, M. A. Hernández-Medina, and G. Pérez-Villalón. Oversampling and reconstruction functions with compact support. *Journal of Computational and Applied Mathematics*, 227(2):245–253, May 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001962> ■
- [GHK⁺09]**

- [//www.sciencedirect.com/science/article/pii/S0377042708001088](http://www.sciencedirect.com/science/article/pii/S0377042708001088) ■
- Grajewski:2006:NAN**
- [GHT06] Matthias Grajewski, Jaroslav Hron, and Stefan Turek. Numerical analysis for a new non-conforming linear finite element on quadrilaterals. *Journal of Computational and Applied Mathematics*, 193(1):38–50, August 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500378X> ■
- Gong:2006:EPA**
- [GHZ06] Lisha Gong, Xiyan Hu, and Lei Zhang. The expansion problem of anti-symmetric matrix under a linear constraint and the optimal approximation. *Journal of Computational and Applied Mathematics*, 197(1):44–52, December 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006321> ■
- Giannantoni:2006:MGP**
- [Gia06] Corrado Giannantoni. Mathematics for generative processes: Living and non-living systems. *Journal of Computational and Applied Mathematics*, 189(1–2):324–340, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001391> ■
- Giladi:2007:ADB**
- [Gil07] Eldar Giladi. Asymptotically derived boundary elements for the Helmholtz equation in high frequencies. *Journal of Computational and Applied Mathematics*, 198(1):52–74, January 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007065> ■
- Gine:2005:PFI**
- [Gin05] Jaume Giné. Polynomial first integrals via the Poincaré series. *Journal of Computational and Applied Mathematics*, 184(2):428–441, December 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000403> ■
- Ginovart:2008:SEW**
- [Gin08] Frédéric Ginovart. Some exact Wick type stochastic generalized Boussinesq equation solutions. *Journal of Computational and Applied Mathematics*, 220(1–2):559–565, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000403> ■

[//www.sciencedirect.com/science/article/pii/S0377042707004864](http://www.sciencedirect.com/science/article/pii/S0377042707004864) ■

Gao:2008:THW

- [GJ08] Jing Gao and Yao-Lin Jiang. Trigonometric Hermite wavelet approximation for the integral equations of second kind with weakly singular kernel. *Journal of Computational and Applied Mathematics*, 215(1):242–259, May 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002002> ■

Guo:2008:MPS

- [GJL08] Yanping Guo, Yude Ji, and Xiujun Liu. Multiple positive solutions for some multi-point boundary value problems with p -Laplacian. *Journal of Computational and Applied Mathematics*, 216(1):144–156, June 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002245> ■

Ganji:2007:AHV

- [GJM07] D. D. Ganji, M. Jannatabadi, and E. Mohseni. Application of He's variational iteration method to nonlinear Jaulent–Miodek equations and comparing it with ADM. *Journal of Computational and Applied Mathematics*, 207(1):35–45, October 1,

2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004584> ■

Gekhtman:2007:TFG

Michael Gekhtman and Alex Kasman. Tau-functions, Grassmannians and rank one conditions. *Journal of Computational and Applied Mathematics*, 202(1):80–87, May 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001117> ■

Guven:2008:TIG

Bilgehan Güven and Samuel Kotz. Test of independence for generalized Farlie–Gumbel–Morgenstern distributions. *Journal of Computational and Applied Mathematics*, 212(1):102–111, February 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007187> ■

Geum:2009:CCP

Young Hee Geum and Young Ik Kim. Cubic convergence of parameter-controlled Newton–secant method for multiple zeros. *Journal of Computational and Applied Mathematics*, 233(4):931–937, December 15, 2009. CODEN JCAMDI. ISSN

0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709005354>.

Gauthier:2007:HCP

[GKM07]

A. Gauthier, P. A. Knight, and S. McKee. The Hertz contact problem, coupled Volterra integral equations and a linear complementarity problem. *Journal of Computational and Applied Mathematics*, 206(1):322–340, September 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004523>.

Georgiev:2009:ATS

[GKMS09]

K. Georgiev, N. Kosturski, S. Margenov, and J. Starý. On adaptive time stepping for large-scale parabolic problems: Computer simulation of heat and mass transfer in vacuum freeze-drying. *Journal of Computational and Applied Mathematics*, 226(2):268–274, April 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004068>.

Gorbunov:2006:PMO

[GL06]

Vladimir K. Gorbunov and Igor V. Lutoshkin. The parameterization method in optimal control problems and

differential-algebraic equations. *Journal of Computational and Applied Mathematics*, 185(2):377–390, January 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001214>.

Gracia:2007:UCS

[GL07]

J. L. Gracia and F. J. Lisbona. A uniformly convergent scheme for a system of reaction–diffusion equations. *Journal of Computational and Applied Mathematics*, 206(1):1–16, September 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600389X>.

Goberna:2008:SIS

[GLdS08]

Miguel A. Goberna, Mercedes Larriqueta, and Virginia N. Vera de Serio. Stability of the intersection of solution sets of semi-infinite systems. *Journal of Computational and Applied Mathematics*, 217(2):420–431, August 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000994>.

Gelhard:2005:SFE

[GLOS05]

Tobias Gelhard, Gert Lube, Maxim A. Olshanskii, and Jan-Hendrik Starcke. Stabi-

- lized finite element schemes with LBB-stable elements for incompressible flows. *Journal of Computational and Applied Mathematics*, 177(2):243–267, May 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004236> ■
- [GLS07] M. Ganesh, S. Langdon, and I. H. Sloan. Efficient evaluation of highly oscillatory acoustic scattering surface integrals. *Journal of Computational and Applied Mathematics*, 204(2):363–374, July 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003645> ■
- [GLV05] Jacek Gilewicz, Elie Leopold, and Galliano Valent. New Nevanlinna matrices for orthogonal polynomials related to cubic birth and death processes. *Journal of Computational and Applied Mathematics*, 178(1–2):235–245, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003917> ■
- [GM06] Marc Germain and Alphonse **Ganesh:2007:EEH**
- [GM07a] T. N. T. Goodman and D. S. Meek. Planar interpolation with a pair of rational spirals. *Journal of Computational and Applied Mathematics*, 201(1):112–127, April 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006916> ■
- [GM07b] P. R. Graves-Morris. BiCGStab, VPASab and an adaptation to mildly nonlinear systems. *Journal of Computational and Applied Mathematics*, 201(1):284–299, April 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001063> ■
- [GM07c] I. I. Guseinov and B. A. Mamedov. Unified treatment for the evaluation of gener-
- [GM06] Marc Germain and Alphonse **Goodman:2007:PIP**
- [GM07b] P. R. Graves-Morris. BiCGStab, VPASab and an adaptation to mildly nonlinear systems. *Journal of Computational and Applied Mathematics*, 201(1):284–299, April 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001063> ■
- [GM07c] I. I. Guseinov and B. A. Mamedov. Unified treatment for the evaluation of gener-
- [GM06] Marc Germain and Alphonse **Gilewicz:2005:NNM**
- [GM07c] I. I. Guseinov and B. A. Mamedov. Unified treatment for the evaluation of gener-
- [GM06] Marc Germain and Alphonse **Graves-Morris:2007:BVA**
- [GM07c] I. I. Guseinov and B. A. Mamedov. Unified treatment for the evaluation of gener-
- [GM06] Marc Germain and Alphonse **Guseinov:2007:UTE**
- [GM07c] I. I. Guseinov and B. A. Mamedov. Unified treatment for the evaluation of gener-

- alized complete and incomplete gamma functions. *Journal of Computational and Applied Mathematics*, 202(2):435–439, May 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001506>. ■
- [GM09a] **Garza:2009:STR** [GMFB06] L. Garza and F. Marcellán. Szegő transformations and rational spectral transformations for associated polynomials. *Journal of Computational and Applied Mathematics*, 233(3):730–738, December 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001198>. ■
- [GM09b] **Gorenflo:2009:SRA** Rudolf Gorenflo and Francesco Mainardi. Some recent advances in theory and simulation of fractional diffusion processes. *Journal of Computational and Applied Mathematics*, 229(2):400–415, July 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001611>. ■
- [GM09c] **Graves-Morris:2009:IML** P. R. Graves-Morris. $VPAStab(J, L)$: an iterative method with look-ahead for the solution of large sparse linear systems. *Journal of Computational and Applied Mathematics*, 230(2):674–689, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000077>. ■
- Graves-Morris:2006:PSP** P. R. Graves-Morris, A. F. Fell, and M. Bensalem. Parameterisation of symmetrical peaks in capillary electrophoresis using $[3/2]$ -type rational approximants. *Journal of Computational and Applied Mathematics*, 189(1–2):220–227, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001366>. ■
- [GM09] **Gatica:2009:AMF** Gabriel N. Gatica, Antonio Márquez, and Salim Meddahi. An augmented mixed finite element method for 3D linear elasticity problems. *Journal of Computational and Applied Mathematics*, 231(2):526–540, September 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002349>. ■
- Gori:2008:E** Laura Gori, Carla Manni,

- and Elisabetta Santi. Editorial. *Journal of Computational and Applied Mathematics*, 221(2):273, November 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005596>. ■
- Gushev:2009:MPC**
- [GN09] Vesselin Gushev and Geno Nikolov. Modified product cubature formulae. *Journal of Computational and Applied Mathematics*, 224(2):465–475, February 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002525>. ■
- Gudi:2009:EEN**
- [GNP09] Thirupathi Gudi, Neela Nataraj, and Amiya K. Pani. On L^2 -error estimate for non-symmetric interior penalty Galerkin approximation to linear elliptic problems with nonhomogeneous Dirichlet data. *Journal of Computational and Applied Mathematics*, 228(1):30–40, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004354>. ■
- Guessab:2006:MAC**
- [GNS06] Allal Guessab, Otheman Nouisser, and Gerhard Schmeisser. ■
- Golinski:2005:FMS**
- [GO05] Tomasz Goliński and Anatol Odziejewicz. Factorization method for second order functional equations. *Journal of Computational and Applied Mathematics*, 176(2):331–355, April 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003413>. ■
- Gurka:2007:SEB**
- [GO07] Petr Gurka and Bohumír Opic. Sharp embeddings of Besov-type spaces. *Journal of Computational and Applied Mathematics*, 208(1):235–269, November 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006388>. ■
- Gonzalez:2006:TFI**
- [Gon06] Graciela Adriana González. Theoretical framework of an identification problem for an

- elliptic variational inequality with bilateral restrictions. *Journal of Computational and Applied Mathematics*, 197(1):245–252, December 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006576> [Goo08]
- [Gon07] Yafang Gong. New error estimates for Galerkin method to an airfoil equation. *Journal of Computational and Applied Mathematics*, 206(1):278–287, September 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004481> [Göt05]
- [Gon09a] Yafang Gong. Galerkin solution of a singular integral equation with constant coefficients. *Journal of Computational and Applied Mathematics*, 230(2):393–399, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708006341> [GOT06]
- [Gon09b] J. R. Illán González. Gaussian rational quadrature formulas for ill-scaled integrands. *Journal of Computational and Applied Mathematics*, 233(3):745–748, December 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001216> [Goovaerts:2008:P]
- M. J. Goovaerts. Preface. *Journal of Computational and Applied Mathematics*, 218(2):201, September 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002537> [Gotz:2005:SPS]
- Thomas Götz. Simulating particles in Stokes flow. *Journal of Computational and Applied Mathematics*, 175(2):415–427, March 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003139> [Gonzalez:2006:SOM]
- C. González, A. Ostermann, and M. Thalhammer. A second-order Magnus-type integrator for nonautonomous parabolic problems. *Journal of Computational and Applied Mathematics*, 189(1–2):142–156, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003139>
- [Gong:2007:NEE]
- [Gong:2009:GSS]
- [Gonzalez:2009:GRQ]

- [GP07] [//www.sciencedirect.com/science/article/pii/S0377042705002955](http://www.sciencedirect.com/science/article/pii/S0377042705002955) [GPPRB07]
Gogatishvili:2007:RTS
 Amiran Gogatishvili and Lubos Pick. A reduction theorem for supremum operators. *Journal of Computational and Applied Mathematics*, 208(1):270–279, November 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600639X>.
- [GP08] **Gori:2008:MAO**
 Laura Gori and Francesca Pitolli. Multiresolution analyses originated from nonstationary subdivision schemes. [GPPRRB06] *Journal of Computational and Applied Mathematics*, 221(2):406–415, November 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005729>.
- [GPP07] **Gasparo:2007:TSM**
 Maria Grazia Gasparo, Alessandra Papini, and Aldo Pasquali. A two-stage method for nonlinear inverse problems. *Journal of Computational and Applied Mathematics*, 198(2): 471–482, January 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007272>.
- Gonzalez-Pinto:2007:CEI**
 S. González-Pinto, S. Pérez-Rodríguez, and R. Rojas Bello. Corrigendum to “Efficient iterations for Gauss methods on second-order problems”: [J. Comput. Appl. Math. **189** (2006) 80–97]. *Journal of Computational and Applied Mathematics*, 205(1):583, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003402>. See [GPPRRB06].
- Gonzalez-Pinto:2006:EIG**
 S. González-Pinto, S. Pérez-Rodríguez, and R. Rojas-Bello. Efficient iterations for Gauss methods on second-order problems. *Journal of Computational and Applied Mathematics*, 189(1–2):80–97, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003626>. See corrigendum [GPPRB07].
- Gonzalez-Pinto:2005:SNT**
 S. González-Pinto and R. Rojas-Bello. Speeding up Newton-type iterations for stiff problems. *Journal of Computational and Applied Mathematics*, 181(2):266–279, September 15, 2005. CODEN

- JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005849>. ■
- [GPS08] **Gori:2008:IRO**
L. Gori, E. Pellegrino, and E. Santi. Integral refinable operators exact on polynomials. *Journal of Computational and Applied Mathematics*, 221(2):396–405, November 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005717>. ■
- [GPS09] **Guido:2009:ISI**
Rodrigo Capobianco Guido, José Carlos Pereira, and Jan Frans Willem Slaets. Introduction to the special issue on wavelet-based algorithms and emergent classification techniques in science and engineering. *Journal of Computational and Applied Mathematics*, 227(2):221–222, May 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001052>. ■
- [GPTT05] **Gilewicz:2005:PPA**
Jacek Gilewicz, Maciej Pindor, J. Joachim Telega, and Stanislaw Tokarzewski. N -point Padé approximants and two-sided estimates of errors on the real axis for Stieltjes functions. *Journal of Computational and Applied Mathematics*, 178(1–2):247–253, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003772>. ■
- [GPV05] **Garcia:2005:AEW**
A. G. García and G. Pérez-Villalón. On the aliasing error in wavelet subspaces. *Journal of Computational and Applied Mathematics*, 183(1):153–167, November 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000221>. ■
- [GQ09a] **Gu:2009:SSM**
Chuanqing Gu and Hongjun Qian. Skew-symmetric methods for nonsymmetric linear systems with multiple right-hand sides. *Journal of Computational and Applied Mathematics*, 223(2):567–577, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000022>. ■
- [GQ09b] **Guo:2009:CLC**
Senlin Guo and Feng Qi. A class of logarithmically completely monotonic functions associated with the

- gamma function. *Journal of Computational and Applied Mathematics*, 224(1): 127–132, February 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001829>. **[GRL09]**
- Guirao:2009:DSD**
- [GR09] Juan Luis García Guirao and Raquel García Rubio. Detecting simple dynamics in Cournot-like models. *Journal of Computational and Applied Mathematics*, 233(4):1091–1095, December 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709006220>. **[GRW08]**
- Graillat:2006:NSP**
- [Gra06] Stef Graillat. A note on structured pseudospectra. *Journal of Computational and Applied Mathematics*, 191(1):68–76, June 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002621>. **[GRW08]**
- Griffiths:2009:SPO**
- [Gri09] Bob Griffiths. Stochastic processes with orthogonal polynomial eigenfunctions. *Journal of Computational and Applied Mathematics*, 233(3): 739–744, December 1, 2009. **[GS06a]**
- CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001204>. **[Guo:2009:RLS]**
- Hui Guo, Hongxing Rui, and Chao Lin. A remark on least-squares Galerkin procedures for pseudohyperbolic equations. *Journal of Computational and Applied Mathematics*, 229(1):108–119, July 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005244>. **[Ghadi:2008:NST]**
- Fattehallah Ghadi, Vitoriano Ruas, and Mohamed Wakrim. Numerical solution of the time-dependent incompressible Navier–Stokes equations by piecewise linear finite elements. *Journal of Computational and Applied Mathematics*, 215(2):429–437, June 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007539>. **[Gerber:2006:ODR]**
- Hans U. Gerber and Elias S. W. Shiu. On optimal dividends: From reflection to refraction. *Journal of Computational and Applied Mathematics*, 186(1):4–22, February

1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500186X>.

Gulsu:2006:TPA

[GS06b]

Mustafa Gülsu and Mehmet Sezer. A Taylor polynomial approach for solving differential-difference equations. *Journal of Computational and Applied Mathematics*, 186(2):349–364, February 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000993>.

Guo:2006:ARS

[GS06c]

Benqi Guo and Christoph Schwab. Analytic regularity of Stokes flow on polygonal domains in countably weighted Sobolev spaces. *Journal of Computational and Applied Mathematics*, 190(1–2):487–519, June 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002487>.

Ganji:2007:AHP

[GS07a]

D. D. Ganji and A. Sadighi. Application of homotopy-perturbation and variational iteration methods to nonlinear heat transfer and porous media equations. *Journal of Computational and Ap-*

plied Mathematics, 207(1):24–34, October 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004572>.

Gilsing:2007:SPS

[GS07b]

Hagen Gilsing and Tony Shardlow. SDELab: a package for solving stochastic differential equations in MATLAB. *Journal of Computational and Applied Mathematics*, 205(2):1002–1018, August 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004195>.

Gomez:2007:CFS

[GS07c]

Francisco J. Gómez and Javier Sesma. Connection factors in the Schrödinger equation with a polynomial potential. *Journal of Computational and Applied Mathematics*, 207(2):291–300, October 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005954>.

Gu:2008:FVP

[GS08]

Chuanqing Gu and Jindong Shen. Function-valued Padé-type approximant via the formal orthogonal polynomials and its applications in solv-

- ing integral equations. *Journal of Computational and Applied Mathematics*, 221(1): 114–131, November 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005298>■
- Grau-Sanchez:2009:IOE**
- [GS09] Miquel Grau-Sánchez. Improving order and efficiency: Composition with a modified Newton’s method. *Journal of Computational and Applied Mathematics*, 231(2): 592–597, September 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002507>■
- Gopaul:2009:AIF**
- [GSBB09] A. Gopaul, M. S. Sunhaloo, R. Boojhawon, and M. Bhuruth. Analysis of incomplete factorizations for a nine-point approximation to a convection–diffusion model problem. *Journal of Computational and Applied Mathematics*, 224(2): 719–733, February 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002999>■
- Gil:2007:P**
- [GSL07] Amparo Gil, Javier Segura, and José Luis López. Preface. *Journal of Computational and Applied Mathematics*, 207(2):165, October 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005942>■
- Grote:2007:IPD**
- [GSS07] Marcus J. Grote, Anna Schneebeli, and Dominik Schötzau. Interior penalty discontinuous Galerkin method for Maxwell’s equations: Energy norm error estimates. *Journal of Computational and Applied Mathematics*, 204(2):375–386, July 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003657>■
- Gil:2006:AHR**
- [GST06] Amparo Gil, Javier Segura, and Nico M. Temme. The ABC of hyper recursions. *Journal of Computational and Applied Mathematics*, 190(1–2):270–286, June 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002359>■
- Gao:2007:PDR**
- [GSW07] Huijun Gao, Peng Shi, and Junling Wang. Parameter-dependent robust stability of

- uncertain time-delay systems. *Journal of Computational and Applied Mathematics*, 206(1):366–373, September 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004742>.
Gu:2009:HIM
- [GT09] Chuangqing Gu and Zhaolu Tian. On the HSS iteration methods for positive definite Toeplitz linear systems. *Journal of Computational and Applied Mathematics*, 224(2):709–718, February 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002975>. See erratum [LHL11].
Gu:2007:ASP
- [Gu07] Rongbao Gu. The average-shadowing property and topological ergodicity. *Journal of Computational and Applied Mathematics*, 206(2):796–800, September 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600522X>.
Georgieva:2008:SRP
- [GU08] Irina Georgieva and Rumen Uluchev. Smoothing of Radon projections type of data by bivariate polynomials. *Journal of Computational and Applied Mathematics*, 215(1):167–181, May 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001938>.
Guglielmi:2006:OID
- [Gug06] Nicola Guglielmi. Open issues in devising software for the numerical solution of implicit delay differential equations. *Journal of Computational and Applied Mathematics*, 185(2):261–277, January 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001147>.
Guo:2006:EMS
- [Guo06] Chun-Hua Guo. Efficient methods for solving a non-symmetric algebraic Riccati equation arising in stochastic fluid models. *Journal of Computational and Applied Mathematics*, 192(2):353–373, August 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003560>.
Garcia:2008:SAU
- [GVC⁺08] Oscar García, Josep Vehí, Jose Campos e Matos, António Abel Henriques, and Joan Ramon Casas. Struc-

- tural assessment under uncertain parameters via interval analysis. *Journal of Computational and Applied Mathematics*, 218(1):43–52, August 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003251> ■
- [GVW06] **Goovaerts:2006:P** [GW08] M. J. Goovaerts, S. Vandewalle, and L. Wuytack. Preface. *Journal of Computational and Applied Mathematics*, 189(1–2):1, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000033> ■
- [GW06a] **Green:2006:PDD** [GW09] Kirk Green and Thomas Wagenknecht. Pseudospectra and delay differential equations. *Journal of Computational and Applied Mathematics*, 196(2):567–578, November 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006217> ■
- [GW06b] **Guo:2006:MLP** [GWG08] Ben-Yu Guo and Li-Lian Wang. Modified Laguerre pseudospectral method refined by multidomain Legendre pseudospectral approximation. *Journal of Computational and Applied Mathematics*, 190(1–2):304–324, June 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002372> ■
- Gao:2008:SSP** [GW08] Wenjie Gao and Junyu Wang. Similarity solutions to the power-law generalized Newtonian fluid. *Journal of Computational and Applied Mathematics*, 222(2):381–391, December 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707006061> ■
- [GW06a] **Gerhold:2009:FER** [GW09] Stefan Gerhold and Richard Warnung. Finding efficient recursions for risk aggregation by computer algebra. *Journal of Computational and Applied Mathematics*, 223(1):499–507, January 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000393> ■
- [GW06b] **Georges:2008:ISF** [GWG08] Laurent Georges, Grégoire Winkelmanns, and Philippe Geuzaine. Improving shock-free compressible RANS solvers for LES on un-

structured meshes. *Journal of Computational and Applied Mathematics*, 215(2):419–428, June 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007527> ■

Gui:2009:OEO

[GX09]

Gaihua Gui and Zhiting Xu. Oscillation of even order partial differential equations with distributed deviating arguments. *Journal of Computational and Applied Mathematics*, 228(1):20–29, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004342> ■

Ge:2005:MBA

[GXgL05]

Ren-Dong Ge, Zun-Quan Xia, and Jian guo Liu. A modified Brown algorithm for solving singular nonlinear systems with rank defects. *Journal of Computational and Applied Mathematics*, 181(2):252–265, September 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005837> ■

Guohui:2006:DFU

[GXZ06]

Zhao Guohui, Liu Xiuping, and Su Zhixun. A dual functional to the uni-

variate B-spline. *Journal of Computational and Applied Mathematics*, 195(1–2):292–299, October 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004930> ■

Gao:2008:PSA

[GY08]

Heli Gao and Chuancun Yin. The perturbed Sparre Andersen model with a threshold dividend strategy. *Journal of Computational and Applied Mathematics*, 220(1–2):394–408, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004591> ■

Guo:2005:NTI

[GZ05]

Victor J. W. Guo and Jiang Zeng. A note on two identities arising from enumeration of convex polyominoes. *Journal of Computational and Applied Mathematics*, 180(2):413–423, August 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005412> ■

Gao:2007:SFD

[GZL07]

Liping Gao, Bo Zhang, and Dong Liang. The splitting finite-difference time-domain methods for Maxwell’s equa-

- tions in two dimensions. *Journal of Computational and Applied Mathematics*, 205(1): 207–230, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002834>.
Gu:2009:IPH
- [GZLL09] Tong-Xiang Gu, Xian-Yu Zuo, Xing-Ping Liu, and Pei-Lu Li. An improved parallel hybrid bi-conjugate gradient method suitable for distributed parallel computing. *Journal of Computational and Applied Mathematics*, 226(1):55–65, April 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002215>.
Gu:2009:LSN
- [GZX09] Jian Gu, Liwei Zhang, and Xiantao Xiao. Log-sigmoid nonlinear Lagrange method for nonlinear optimization problems over second-order cones. *Journal of Computational and Applied Mathematics*, 229(1):129–144, July 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005347>.
Hamelinck:2009:INI
- [Ham09] Wouter Hamelinck. On the influence of numerical integration on mixed finite element approximations of a Maxwell eigenvalue problem. *Journal of Computational and Applied Mathematics*, 223(2):929–937, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001143>.
Han:2005:QTP
- [Han05] Xuli Han. C^2 quadratic trigonometric polynomial curves with local bias. *Journal of Computational and Applied Mathematics*, 180(1): 161–172, August 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005035>.
Han:2006:PQP
- [Han06] Xuli Han. Piecewise quartic polynomial curves with a local shape parameter. *Journal of Computational and Applied Mathematics*, 195(1–2):34–45, October 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500470X>.
Hansen:2007:GRK
- [Han07] Eskil Hansen. Galerkin/Runge–Kutta discretizations of nonlinear parabolic equa-

- tions. *Journal of Computational and Applied Mathematics*, 205(2):882–890, August 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004237>.
Han:2008:GPP [Han08] Deren Han. A generalized proximal-point-based prediction–correction method for variational inequality problems. *Journal of Computational and Applied Mathematics*, 221(1):183–193, November 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000578X>.
Han:2009:DDR [Han09] Xuli Han. A degree by degree recursive construction of Hermite spline interpolants. *Journal of Computational and Applied Mathematics*, 225(1):113–123, March 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003567>.
Hartung:2005:LSP [Har05] Ferenc Hartung. Linearized stability in periodic functional differential equations with state-dependent delays. *Journal of Computational and Applied Mathematics*, 174(2):201–211, February 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704001876>.
Harrell:2006:GLB [Har06] Evans M. Harrell. Geometric lower bounds for the spectrum of elliptic PDEs with Dirichlet conditions in part. *Journal of Computational and Applied Mathematics*, 194(1):26–35, September 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004012>.
Harfash:2008:HAF [Har08a] Akil J. Harfash. High accuracy finite difference scheme for three-dimensional microscale heat equation. *Journal of Computational and Applied Mathematics*, 220(1–2):335–346, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004542>.
Harris:2008:IBG [Har08b] Frank E. Harris. Incomplete Bessel, generalized incomplete gamma, or leaky aquifer functions. *Journal of Computational and Applied Mathematics*, 215(1):260–269, May

- 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002014>.
Hashim:2006:ADM [HAS09b]
 [Has06] Ishak Hashim. Adomian decomposition method for solving BVPs for fourth-order integro-differential equations. *Journal of Computational and Applied Mathematics*, 193(2):658–664, September 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004383>.
- Hayat:2008:ASM**
 [HAS08] T. Hayat, Naveed Ahmed, and M. Sajid. Analytic solution for MHD flow of a third order fluid in a porous channel. *Journal of Computational and Applied Mathematics*, 214(2):572–582, May 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001550>.
 [Hat09]
- Hascelik:2009:NCI**
 [Has09a] A. Ihsan Hascelik. On numerical computation of integrals with integrands of the form $f(x)\sin(w/x^r)$ on $[0, 1]$. *Journal of Computational and Applied Mathematics*, 223(1):399–408, January 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000319>.
Hayek:2009:NRI
 Mohamed Hayek, Philippe Ackerer, and Éric Sonnendrücker. A new refinement indicator for adaptive parameterization: Application to the estimation of the diffusion coefficient in an elliptic problem. *Journal of Computational and Applied Mathematics*, 224(1):307–319, February 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002100>.
Hataue:2009:DDS
 Itaru Hataue. On dependence of dynamical structure of numerical solutions of fluid simulations on forcibly added randomness. *Journal of Computational and Applied Mathematics*, 232(1):82–89, October 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005475>.
Hegland:2007:SSM
 Markus Hegland, Conrad Burden, Lucia Santoso, Shev MacNamara, and Hilary Booth. A solver for the stochastic master equation

applied to gene regulatory networks. *Journal of Computational and Applied Mathematics*, 205(2): 708–724, August 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003955> ■

Hong:2008:MPR

[HC08]

Shihuang Hong and Ji Chen. Multiplicity of positive radial solutions for an elliptic inclusion system on an annulus. *Journal of Computational and Applied Mathematics*, 221(1):66–75, November 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005250> ■

Harris:2009:EME

[HC09]

Paul J. Harris and Ke Chen. An efficient method for evaluating the integral of a class of highly oscillatory functions. *Journal of Computational and Applied Mathematics*, 230(2):433–442, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708006407> ■

Henneron:2008:DFE

[HCDP08]

Thomas Henneron, Stéphane Clénet, Patrick Dular, and Francis Piriou. Discrete finite

element characterizations of source fields for volume and boundary constraints in electromagnetic problems. *Journal of Computational and Applied Mathematics*, 215(2):438–447, June 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007540> ■

Hobbs:2007:TNE

[HCK07]

C. A. Hobbs, J. N. L. Connor, and N. P. Kirk. Theory and numerical evaluation of oddoids and evenoids: Oscillatory cuspid integrals with odd and even polynomial phase functions. *Journal of Computational and Applied Mathematics*, 207(2): 192–213, October 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006042> ■

Ham:2008:SHO

[HCL08a]

YoonMee Ham, Changbum Chun, and Sang-Gu Lee. Some higher-order modifications of Newton’s method for solving nonlinear equations. *Journal of Computational and Applied Mathematics*, 222(2):477–486, December 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708006407> ■

- [//www.sciencedirect.com/science/article/pii/S0377042707006243](http://www.sciencedirect.com/science/article/pii/S0377042707006243) (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270400620X>
- He:2008:CAC**
- [HCL08b] Changhong He, Thomas F. Coleman, and Yuying Li. Computation and analysis for a constrained entropy optimization problem in finance. *Journal of Computational and Applied Mathematics*, 222(1):159–174, December 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005559>
- He:2006:NDP**
- [He06a] Yiran He. A new double projection algorithm for variational inequalities. *Journal of Computational and Applied Mathematics*, 185(1):166–173, January 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000555>
- Han:2005:EPS**
- [HCS05] Maoan Han, Hua Chen, and Desheng Shang. Existence of periodic solutions of a neuron equation. *Journal of Computational and Applied Mathematics*, 181(2):235–244, September 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005618>
- Hechenleitner:2006:PSG**
- [HE06b] Bernhard Hechenleitner and Karl Entacher. A parallel search for good lattice points using LLL-spectral tests. *Journal of Computational and Applied Mathematics*, 189(1–2):424–441, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001652>
- He:2005:DPS**
- [He05] Zhimin He. Double positive solutions of three-point boundary value problems for p -Laplacian dynamic equations on time scales. *Journal of Computational and Applied Mathematics*, 182(2):304–315, October 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778
- He:2007:VIM**
- [He07] Ji-Huan He. Variational iteration method — some recent results and new interpretations. *Journal of Computational and Applied Mathematics*, 207(1):3–17, October 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/>

science/article/pii/S0377042706004559. See remark [Pet09a].

Heinkenschloss:2005:TDD

[Hei05]

Matthias Heinkenschloss. A time-domain decomposition iterative method for the solution of distributed linear quadratic optimal control problems. *Journal of Computational and Applied Mathematics*, 173(1):169–198, January 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704001505>.

Helal:2005:GMA

[HeM05]

M. M. Helal and M. B. Abdel Malek. Group method analysis of magneto-elasticoviscous flow along a semi-infinite flat plate with heat transfer. *Journal of Computational and Applied Mathematics*, 173(2):199–210, January 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704001529>.

Hempel:2006:LEL

[Hem06]

Rainer Hempel. On the lowest eigenvalue of the Laplacian with Neumann boundary condition at a small obstacle. *Journal of Computational and Applied Mathematics*, 194(1):54–74, September 15, 2006. CODEN JCAMDI.

ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004036>.

Hamdi:2005:MLS

[HEOS05]

S. Hamdi, W. H. Enright, Y. Ouellet, and W. E. Schiesser. Method of lines solutions of the extended Boussinesq equations. *Journal of Computational and Applied Mathematics*, 183(2):327–342, November 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000695>.

Hernandez:2009:FEA

[Her09]

Erwin Hernández. Finite element approximation of the elasticity spectral problem on curved domains. *Journal of Computational and Applied Mathematics*, 225(2):452–458, March 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004172>.

He:2009:MCR

[HG09]

Xubiao He and Pu Gong. Measuring the coupled risks: a copula-based CVaR model. *Journal of Computational and Applied Mathematics*, 223(2):1066–1080, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-

1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001465>.

Hua:2006:DRM

[HGS06]

Changchun Hua, Xiping Guan, and Peng Shi. Decentralized robust model reference adaptive control for interconnected time-delay systems. *Journal of Computational and Applied Mathematics*, 193(2):383–396, September 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004206>.

Huang:2008:VAK

[HGS08]

Jianguo Huang, Ling Guo, and Zhongci Shi. Vibration analysis of Kirchhoff plates by the Morley element method. *Journal of Computational and Applied Mathematics*, 213(1):14–34, March 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000039>.

He:2007:FVM

[HH07a]

Guoliang He and Yinnian He. The finite volume method based on stabilized finite element for the stationary Navier–Stokes problem. *Journal of Computational and Applied Mathematics*, 205(1):651–665, August

1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004535>.

Heinkenschloss:2007:SDD

[HH07b]

Matthias Heinkenschloss and Michael Herty. A spatial domain decomposition method for parabolic optimal control problems. *Journal of Computational and Applied Mathematics*, 201(1):88–111, April 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600080X>.

Hesthaven:2007:WC

Jan S. Hesthaven and Houssein Haddar. Waves 2005 Conference. *Journal of Computational and Applied Mathematics*, 204(2):197–198, July 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003499>.

Hu:2009:PFG

[HHC09]

Sheng-Long Hu, Zheng-Hai Huang, and Jin-Shan Chen. Properties of a family of generalized NCP-functions and a derivative free algorithm for complementarity problems. *Journal of Computational and Applied Mathematics*, 230(1):69–82, August 1, 2009. CODEN JCAMDI.

ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005876> ■

Hounga:2006:NFO

[HHR06]

C. Hounga, M. N. Hounkonnou, and A. Ronveaux. New families of orthogonal polynomials. *Journal of Computational and Applied Mathematics*, 193(2): 474–483, September 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004267> ■

He:2005:SOA

[HHST05]

T. X. He, L. C. Hsu, P. J.-S. Shiue, and D. C. Torney. A symbolic operator approach to several summation formulas for power series. *Journal of Computational and Applied Mathematics*, 177(1):17–33, May 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003607> ■

Huang:2007:PPR

[HHZ07]

Xiantong Huang, Xiyan Hu, and Lei Zhang. Physical parameters reconstruction of a fixed-fixed mass-spring system from its characteristic data. *Journal of Computational and Applied Mathematics*, 206(2):

645–655, September 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005115> ■

Han:2009:EPS

[HJK09]

Wei Han, Zhen Jin, and Shugui Kang. Existence of positive solutions of nonlinear m -point BVP for an increasing homeomorphism and positive homomorphism on time scales. *Journal of Computational and Applied Mathematics*, 233(2): 188–196, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004075> ■

Hansen:2007:APA

[HJR07]

Per Christian Hansen, Toke Koldborg Jensen, and Giuseppe Rodriguez. An adaptive pruning algorithm for the discrete L -curve criterion. *Journal of Computational and Applied Mathematics*, 198(2): 483–492, January 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007284> ■

Ha:2007:AOD

[HK07a]

Taeyoung Ha and Imbunm Kim. Analysis of one-dimensional Helmholtz equa-

- tion with PML boundary. *Journal of Computational and Applied Mathematics*, [HKA07] 206(1):586–598, September 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006170>. ■
- [HK07b] Desmond J. Higham and Peter E. Kloeden. Strong convergence rates for backward Euler on a class of nonlinear jump-diffusion problems. *Journal of Computational and Applied Mathematics*, 205(2):949–956, August 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004158>. ■ See comments [TGJ19].
- [HK08] Wolfram Heineken and Matthias Kunik. The analytical solution of two interesting hyperbolic problems as a test case for a finite volume method with a new grid refinement technique. *Journal of Computational and Applied Mathematics*, 214(2):509–532, May 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001525>. ■
- [HKB⁺05] M. Häfele, A. Kienle, M. Boll, C.-U. Schmidt, and M. Schwibach. Dynamic simulation of a tubular reactor for the production of low-density polyethylene using adaptive method of lines. *Journal of Computational and Applied Mathematics*, 183(2):288–300, November 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500066X>. ■
- [Hayat:2007:ESC] T. Hayat, Masood Khan, and M. Ayub. The effect of the slip condition on flows of an Oldroyd 6-constant fluid. *Journal of Computational and Applied Mathematics*, 202(2):402–413, May 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001488>. ■
- [Hafele:2005:DST] M. Häfele, A. Kienle, M. Boll, C.-U. Schmidt, and M. Schwibach. Dynamic simulation of a tubular reactor for the production of low-density polyethylene using adaptive method of lines. *Journal of Computational and Applied Mathematics*, 183(2):288–300, November 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500066X>. ■
- [Higham:2007:SCU] Desmond J. Higham, Gabriela Kalna, and Milla Kibble. Spectral clustering and its use in bioinformatics. *Journal of Computational and Applied Mathematics*, 204(1):25–37, July 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001525>. ■

- [//www.sciencedirect.com/science/article/pii/S0377042706002366](http://www.sciencedirect.com/science/article/pii/S0377042706002366) ■
- Huttunen:2008:UWM**
- [HKM08] T. Huttunen, J. P. Kaipio, and P. Monk. An ultra-weak method for acoustic fluid-solid interaction. *Journal of Computational and Applied Mathematics*, 213(1): 166–185, March 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000131> ■
- Han:2009:GIR**
- [HKZ09] Bin Han, Soon-Geol Kwon, and Xiaosheng Zhuang. Generalized interpolating refinable function vectors. *Journal of Computational and Applied Mathematics*, 227(2):254–270, May 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800109X> ■
- Herty:2007:OTN**
- [HKS07] M. Herty, A. Klar, and A. K. Singh. An ODE traffic network model. *Journal of Computational and Applied Mathematics*, 203(2):419–436, June 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002159> ■
- Hadjidimos:2007:SBA**
- [HL07a] A. Hadjidimos and M. Lapidakis. Stationary biparametric ADI preconditioners for conjugate gradient methods. *Journal of Computational and Applied Mathematics*, 205(1):364–381, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003244> ■
- Hannukainen:2009:DMP**
- [HKV09] Antti Hannukainen, Sergey Korotov, and Tomáš Vejchodský. Discrete maximum principle for FE solutions of the diffusion-reaction problem on prismatic meshes. *Journal of Computational and Applied Mathematics*, 226(2):275–287, April 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000131> ■
- Halpern:2007:DNM**
- [HL07b] Laurence Halpern and Olivier Lafitte. Dirichlet to Neumann map for domains with corners and approximate boundary conditions. *Journal of Computational and Applied Mathematics*, 204(2):505–514, July 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000131> ■

- [//www.sciencedirect.com/science/article/pii/S0377042706003761](http://www.sciencedirect.com/science/article/pii/S0377042706003761) ■
- Hu:2007:ISS**
- [HL07c] Guang-Da Hu and Mingzhu Liu. Input-to-state stability of Runge-Kutta methods for nonlinear control systems. *Journal of Computational and Applied Mathematics*, 205(1):633–639, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003451> ■
- Hantoute:2008:CTI**
- [HL08] A. Hantoute and M. A. López. Characterization of total ill-posedness in linear semi-infinite optimization. *Journal of Computational and Applied Mathematics*, 217(2):350–364, August 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000957> ■
- He:2009:CFP**
- [HL09a] Rong-Hua He and Hong-Xu Li. Collective fixed point theorem and coincidence theorems in FC-spaces. *Journal of Computational and Applied Mathematics*, 225(1):227–235, March 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002465> ■
- Hou:2009:SSI**
- [HL09b] Yanren Hou and Qingfang Liu. A stabilized semi-implicit Galerkin scheme for Navier–Stokes equations. *Journal of Computational and Applied Mathematics*, 231(2):552–560, September 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002465> ■
- Huang:2009:PSS**
- [HL09c] Xudong Huang and Wei Liu. Properties of some statistics for AR–ARCH model with application to technical analysis. *Journal of Computational and Applied Mathematics*, 225(2):522–530, March 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800424X> ■
- Hassan:2009:NGM**
- [HLF09] Malik Abu Hassan, Wah June Leong, and Mahboubeh Farid. A new gradient method via quasi-Cauchy relation which guarantees descent. *Journal of Computational and Applied Mathematics*, 230(1):300–305, August 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800424X> ■

- [//www.sciencedirect.com/science/article/pii/S0377042708006250](http://www.sciencedirect.com/science/article/pii/S0377042708006250) ■
- He:2007:IMS**
- [HLH07] Xin-Feng He, Jian Lou, and Zhen He. Iterative methods for solving variational inclusions in Banach spaces. *Journal of Computational and Applied Mathematics*, 203(1):80–86, June 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001749> ■
- Hu:2009:OCR**
- [HLJ09] Bei Hu, Jin Liang, and Lishang Jiang. Optimal convergence rate of the explicit finite difference scheme for American option valuation. *Journal of Computational and Applied Mathematics*, 230(2):583–599, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708006535> ■
- Hu:2008:ASL**
- [HLL08a] Yizheng Hu, Yong Luo, and Zhengyi Lu. Analytical solution of the linear fractional differential equation by Adomian decomposition method. *Journal of Computational and Applied Mathematics*, 215(1):220–229, May 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001987> ■
- Huang:2008:NEN**
- [HLL08b] Hung-Tsai Huang, Zi-Cai Li, and Qun Lin. New expansions of numerical eigenvalues by finite elements. *Journal of Computational and Applied Mathematics*, 217(1):9–27, July 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003111> ■
- Hao:2006:ERT**
- [HLX06] Zhao-Cai Hao, Jin Liang, and Ti-Jun Xiao. Existence results for time scale boundary value problem. *Journal of Computational and Applied Mathematics*, 197(1):156–168, December 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006503> ■
- Huang:2009:SEP**
- [HLY09] Hongying Huang, Dongjie Liu, and Dehao Yu. Solution of exterior problem using ellipsoidal artificial boundary. *Journal of Computational and Applied Mathematics*, 231(1):434–446, September 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006503> ■

- [//www.sciencedirect.com/science/article/pii/S0377042709002143](http://www.sciencedirect.com/science/article/pii/S0377042709002143) ■
- Long:2008:INM**
- [hLyHZ08] Jian hui Long, Xi yan Hu, and Lei Zhang. Improved Newton's method with exact line searches to solve quadratic matrix equation. *Journal of Computational and Applied Mathematics*, 222(2): 645–654, December 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707006462> ■
- Hou:2008:KML**
- [HM08] Qing-Hu Hou and Toufik Mansour. Kernel method and linear recurrence system. *Journal of Computational and Applied Mathematics*, 216(1):227–242, June 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002324> ■
- Haramoto:2009:AA**
- [HM09a] H. Haramoto and M. Matsumoto. A p -adic algorithm for computing the inverse of integer matrices. *Journal of Computational and Applied Mathematics*, 225(1):320–322, March 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002143> ■
- Huang:2009:OCF**
- [HM09b] Yan Huang and Fanwei Meng. Oscillation criteria for forced second-order nonlinear differential equations with damping. *Journal of Computational and Applied Mathematics*, 224(1):339–345, February 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002124> ■
- Hofmann:2006:MMS**
- Norbert Hofmann and Thomas Müller-Gronbach. A modified Milstein scheme for approximation of stochastic delay differential equations with constant time lag. *Journal of Computational and Applied Mathematics*, 197(1): 89–121, December 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006461> ■
- Han:2008:NGB**
- [HMH08] Xi-An Han, YiChen Ma, and XiLi Huang. A novel generalization of Bézier curve and surface. *Journal of Computational and Applied Mathematics*, 217(1):180–193, July 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006461> ■

[//www.sciencedirect.com/science/article/pii/S0377042707003482](http://www.sciencedirect.com/science/article/pii/S0377042707003482) ■

Heikkola:2007:CMA

- [HMPR07] Erkki Heikkola, Sanna Mönkölä, Anssi Pennanen, and Tuomo Rossi. Controllability method for acoustic scattering with spectral elements. *Journal of Computational and Applied Mathematics*, 204(2):344–355, July 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003621> ■ [HO06]

Hueso:2009:MNM

- [HMT09] José L. Hueso, Eulalia Martínez, and Juan R. Torregrosa. Modified Newton’s method for systems of nonlinear equations with singular Jacobian. *Journal of Computational and Applied Mathematics*, 224(1):77–83, February 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001787> ■ [HO07]

Hechme:2009:MRC

- [HNS09] G. Hechme, Yu. M. Nechepurenko, and M. Sadkane. Model reduction for a class of linear descriptor systems. *Journal of Computational and Applied Mathematics*, 229(1):54–60, July 1, 2009. CODEN JCAMDI. ISSN

0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005189> ■

Hirota:2006:NME

Chiaki Hirota and Kazufumi Ozawa. Numerical method of estimating the blow-up time and rate of the solution of ordinary differential equations — an application to the blow-up problems of partial differential equations. *Journal of Computational and Applied Mathematics*, 193(2):614–637, September 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004358> ■

Hiraoka:2007:EEB

Yasuaki Hiraoka and Toshiyuki Ogawa. An efficient estimate based on FFT in topological verification method. *Journal of Computational and Applied Mathematics*, 199(2):238–244, February 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007569> ■

Huang:2009:AIM

Xinzheng Huang and Cornelis W. Oosterlee. Adaptive integration for multi-factor portfolio credit loss models. *Journal of Computational*

- and *Applied Mathematics*, 231(2):506–516, September 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002325>. **Hochstenbach:2008:JDT** [Hoc08]
- Michiel E. Hochstenbach. A Jacobi–Davidson type method for the product eigenvalue problem. *Journal of Computational and Applied Mathematics*, 212(1):46–62, February 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007114>. **Hong:2007:TPS** [Hon07]
- Shihuang Hong. Triple positive solutions of three-point boundary value problems for p -Laplacian dynamic equations on time scales. *Journal of Computational and Applied Mathematics*, 206(2):967–976, September 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005619>. **Hong:2008:MPS** [Hom05]
- H. H. H. Homeier. On Newton-type methods with cubic convergence. *Journal of Computational and Applied Mathematics*, 214(1):19–29, April 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003462>. **Homeier:2005:NTM** [Hon08]
- Shihuang Hong. Multiple positive solutions for a class of integral inclusions. *Journal of Computational and Applied Mathematics*, 214(1):19–29, April 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000787>. **Homeier:2009:NTM** [Hoo08]
- H. H. H. Homeier. On Newton-type methods for multiple roots with cubic convergence. *Journal of Computational and Applied Mathematics*, 231(1):249–254, September 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002325>. **Hooman:2008:PSF**
- K. Hooman. A perturbation solution for forced convection in a porous-saturated duct. *Journal of Computational and Applied Mathematics*, 211(1):57–66, January 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-

- 1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706008959>. [Hos06]
- Hosseini:2006:ADM**
- M. M. Hosseini. Adomian decomposition method for solution of differential-algebraic equations. *Journal of Computational and Applied Mathematics*, 197(2): 495–501, December 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006953>. [HP07]
- Hosseini:2009:AOT**
- [Hos09] S. Mohammad Hosseini. The adaptive operational Tau method for systems of ODEs. *Journal of Computational and Applied Mathematics*, 231(1):24–38, September 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000375>. [HP06]
- Howell:2009:CVF**
- [How09a] Jason S. Howell. Computation of viscoelastic fluid flows using continuation methods. *Journal of Computational and Applied Mathematics*, 225(1):187–201, March 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003622>. [Howell:2009:DMF]
- Jason S. Howell. Dual-mixed finite element approximation of Stokes and nonlinear Stokes problems using trace-free velocity gradients. *Journal of Computational and Applied Mathematics*, 231(2): 780–792, September 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270900291X>. [Hundsorfer:2007:NIS]
- Willem Hundsorfer and Laura Portero. A note on iterated splitting schemes. *Journal of Computational and Applied Mathematics*, 201(1):146–152, April 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000938>. [Ham:2006:STA]
- David A. Ham, Julie Pietrzak, and Guus S. Stelling. A streamline tracking algorithm for semi-Lagrangian advection schemes based on the analytic integration of the velocity field. *Journal of Computational and Applied Mathematics*, 192(1):168–174, July 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003183>.

Hongmin:2006:CBS

- [HQ06] Ren Hongmin and Wu Qingbiao. The convergence ball of the secant method under Hölder continuous divided differences. *Journal of Computational and Applied Mathematics*, 194(2): 284–293, October 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004656>. ■

Hernandez:2005:ACN

- [HR05a] M. A. Hernández and N. Romero. Accelerated convergence in Newton's method for approximating square roots. *Journal of Computational and Applied Mathematics*, 177(1):225–229, May 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004315>. ■

Hernandez:2005:CSN

- [HR05b] M. A. Hernández and N. Romero. On a characterization of some Newton-like methods of R -order at least three. *Journal of Computational and Applied Mathematics*, 183(1): 53–66, November 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000026>. ■

Huang:2005:SES

- [HR05c] Ting-Zhu Huang and Rui-Sheng Ran. A simple estimation for the spectral radius of (block) H -matrices. *Journal of Computational and Applied Mathematics*, 177(2):455–459, May 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004765>. ■

Hu:2009:DPN

- [HR09a] Lanying Hu and Yong Ren. Doubly perturbed neutral stochastic functional equations. *Journal of Computational and Applied Mathematics*, 231(1):319–326, September 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000983>. ■

Hu:2009:SPN

- [HR09b] Lanying Hu and Yong Ren. Stochastic PDIEs with nonlinear Neumann boundary conditions and generalized backward doubly stochastic differential equations driven by Lévy processes. *Journal of Computational and Applied Mathematics*, 229(1):230–239, July 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000983>. ■

- [//www.sciencedirect.com/science/article/pii/S0377042708005608](http://www.sciencedirect.com/science/article/pii/S0377042708005608) (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004000>
- Heidenreich:2008:FOC**
- [HRGD08] E. A. Heidenreich, J. F. Rodríguez, F. J. Gaspar, and M. Doblaré. Fourth-order compact schemes with adaptive time step for monodomain reaction-diffusion equations. *Journal of Computational and Applied Mathematics*, 216(1):39–55, June 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002063>
- Hunter:2005:QFC**
- [HS05] D. B. Hunter and H. V. Smith. A quadrature formula of Clenshaw–Curtis type for the Gegenbauer weight-function. *Journal of Computational and Applied Mathematics*, 177(2):389–400, May 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004352>
- Hill:2006:LSE**
- [HS06] A. A. Hill and B. Straughan. A Legendre spectral element method for eigenvalues in hydrodynamic stability. *Journal of Computational and Applied Mathematics*, 193(1):363–381, August 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003335>
- Hasegawa:2007:QRI**
- [HS07a] Takemitsu Hasegawa and Hiroshi Sugiura. Quadrature rule for indefinite integral of algebraic-logarithmic singular integrands. *Journal of Computational and Applied Mathematics*, 205(1):487–496, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002196>
- Hazra:2007:CDT**
- [HS07b] S. B. Hazra and K. Steiner. Computation of dilute two-phase flow in a pump. *Journal of Computational and Applied Mathematics*, 203(2):444–460, June 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002196>
- Hashemian:2008:MAS**
- [HS08a] Alireza Hashemian and Hossein M. Shodja. A meshless approach for solution of Burgers’ equation. *Journal of Computational and Applied Mathematics*, 220(1–2):226–239, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002196>

//www.sciencedirect.com/
science/article/pii/S0377042707004384

Heyouni:2008:NIC

[HS08b]

M. Heyouni and H. Sadok. A new implementation of the CMRH method for solving dense linear systems. *Journal of Computational and Applied Mathematics*, 213(2):387–399, April 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000386>

Hussain:2008:PPI

[HS08c]

Malik Zawwar Hussain and Muhammad Sarfraz. Positivity-preserving interpolation of positive data by rational cubics. *Journal of Computational and Applied Mathematics*, 218(2):446–458, September 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002841>

Habib:2009:CTB

[HS09a]

Zulfiqar Habib and Manabu Sakai. G^2 cubic transition between two circles with shape control. *Journal of Computational and Applied Mathematics*, 223(1):133–144, January 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004384>

//www.sciencedirect.com/
science/article/pii/S0377042707006747

Hasegawa:2009:UAF

[HS09b]

Takemitsu Hasegawa and Hiroshi Sugiura. Uniform approximation to fractional derivatives of functions of algebraic singularity. *Journal of Computational and Applied Mathematics*, 228(1):247–253, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800472X>

Hsiao:2009:HFM

Chun-Hui Hsiao. Hybrid function method for solving Fredholm and Volterra integral equations of the second kind. *Journal of Computational and Applied Mathematics*, 230(1):59–68, August 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005864>

Hu:2008:KTT

[HSL08]

Nuchun Hu, Weiping Shen, and Chong Li. Kantorovich's type theorems for systems of equations with constant rank derivatives. *Journal of Computational and Applied Mathematics*, 219(1):110–122, September 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004384>

(electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700369X>■

Hertog:2009:MCE

[HSN09]

Maarten L. A. T. M. Hertog, Nico Scheerlinck, and Bart M. Nicolai. Monte Carlo evaluation of biological variation: Random generation of correlated non-Gaussian model parameters. *Journal of Computational and Applied Mathematics*, 223(1):1–14, January 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700653X>■

Hsu:2005:ANM

[Hsu05]

Viktoria R. T. Hsu. Almost Newton method for large flux steady-state of 1D Poisson–Nernst–Planck equations. *Journal of Computational and Applied Mathematics*, 183(1):1–15, November 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704006405>■

Hu:2006:AOR

[HT06]

Min Hu and Jieqing Tan. Adaptive osculatory rational interpolation for image processing. *Journal of Computational and Applied Mathematics*, 195(1–2):46–53, October 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-

1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004711>■

Hao:2009:SBC

[HTS09]

Dinh Nho Hao, Nguyen Trung Thành, and Hichem Sahli. Splitting-based conjugate gradient method for a multi-dimensional linear inverse heat conduction problem. *Journal of Computational and Applied Mathematics*, 232(2):361–377, October 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270900363X>■

Hu:2005:RES

[Hu05a]

Hongchang Hu. Ridge estimation of a semiparametric regression model. *Journal of Computational and Applied Mathematics*, 176(1):215–222, April 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003292>■

Hu:2005:NSC

[Hu05b]

Zhongyong Hu. A new semilocal convergence theorem for Newton’s method involving twice Fréchet-differentiability at only one point. *Journal of Computational and Applied Mathematics*, 181(2):321–325, September 15, 2005. CODEN JCAMDI. ISSN

- 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005874>. **Huillet:2005:SAR**
- [Hua07] Xiaoxia Huang. Chance-constrained programming models for capital budgeting with NPV as fuzzy parameters. *Journal of Computational and Applied Mathematics*, 198(1):149–159, January 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007120>. **Huillet:2007:ESF**
- [Hua08] Xiaoxia Huang. Mean-semivariance models for fuzzy portfolio selection. *Journal of Computational and Applied Mathematics*, 217(1):1–8, July 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700310X>. **Huybrechs:2009:SHO**
- [Hug06] Jens Hugger. Wellposedness of the boundary value formulation of a fixed strike Asian option. *Journal of Computational and Applied Mathematics*, 185(2):460–481, January 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003239>.
- [Hui05] Thierry Huillet. Statistical aspects of random fragmentations. *Journal of Computational and Applied Mathematics*, 181(2):364–387, September 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005916>.
- [Hui07] Thierry Huillet. Ewens sampling formulae with and without selection. *Journal of Computational and Applied Mathematics*, 206(2):755–773, September 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005206>.

- [HV05] **Huybrechs:2005:CQF**
 Daan Huybrechs and Stefan Vandewalle. Composite quadrature formulae for the approximation of wavelet coefficients of piecewise smooth and singular functions. *Journal of Computational and Applied Mathematics*, 180(1): 119–135, August 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004893>■
- [HV06a] **Haslinger:2006:ANR**
 J. Haslinger and O. Vlach. Approximation and numerical realization of 2D contact problems with Coulomb friction and a solution-dependent coefficient of friction. *Journal of Computational and Applied Mathematics*, 197(2): 421–436, December 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006898>■
- [HV06b] **Helsen:2006:NSC**
 S. Helsen and M. Van Barel. A numerical solution of the constrained energy problem. *Journal of Computational and Applied Mathematics*, 189(1–2):442–452, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006898>■
- [HV06c] **Huybrechs:2006:TDW**
 Daan Huybrechs and Stefan Vandewalle. A two-dimensional wavelet-packet transform for matrix compression of integral equations with highly oscillatory kernel. *Journal of Computational and Applied Mathematics*, 197(1):218–232, December 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006552>■
- [HVV09a] **Haelterman:2009:GRK**
 R. Haelterman, J. Vierendeels, and D. Van Heule. A generalization of the Runge–Kutta iteration. *Journal of Computational and Applied Mathematics*, 224(1): 152–167, February 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001866>■
- [HVV09b] **Hollevoet:2009:OEF**
 D. Hollevoet, M. Van Daele, and G. Vanden Berghe. The optimal exponentially-fitted Numerov method for solving two-point boundary value problems. *Journal of Computational and Applied Mathematics*, 230(1): 260–269, August 1, 2009.
- [//www.sciencedirect.com/science/article/pii/S0377042705001664](http://www.sciencedirect.com/science/article/pii/S0377042705001664)■

CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708006225>.

Hu:2007:NSC

[HW07]

Qian-Qian Hu and Guo-Jin Wang. Necessary and sufficient conditions for rational quartic representation of conic sections. *Journal of Computational and Applied Mathematics*, 203(1):190–208, June 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001944>.

Hu:2008:OMD

[HW08]

Qian-Qian Hu and Guo-Jin Wang. Optimal multi-degree reduction of triangular Bézier surfaces with corners continuity in the norm L_2 . *Journal of Computational and Applied Mathematics*, 215(1):114–126, May 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002178>.

Huang:2009:SPH

[HWL09]

Ting-Zhu Huang, Shi-Liang Wu, and Cui-Xia Li. The spectral properties of the Hermitian and skew-Hermitian splitting preconditioner for generalized saddle point prob-

lems. *Journal of Computational and Applied Mathematics*, 229(1):37–46, July 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005165>.

He:2005:RSD

[HWSL05]

Yong He, Min Wu, Jin-Hua She, and Guo-Ping Liu. Robust stability for delay Lur'e control systems with multiple nonlinearities. *Journal of Computational and Applied Mathematics*, 176(2):371–380, April 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003437>.

He:2009:EUP

[HWY09]

Zhanbing He, Wentao Wang, and Xuejun Yi. Existence and uniqueness of periodic solutions for Rayleigh type p -Laplacian equation. *Journal of Computational and Applied Mathematics*, 232(2):558–564, October 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003872>.

Hamal:2009:PSN

[HY09a]

N. Aykut Hamal and Fulya Yoruk. Positive solutions of nonlinear m -point boundary

- value problems on time scales. *Journal of Computational and Applied Mathematics*, 231(1):92–105, September 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000430>.
Hickernell:2009:SAE
- [HY09b] Fred J. Hickernell and Shijun Yang. Simplified analytical expressions for numerical differentiation via cycle index. *Journal of Computational and Applied Mathematics*, 224(1):433–443, February 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002501>.
Hu:2005:GHF
- [HYC05] Yong-Jian Hu, Zheng-Hong Yang, and Gong-Ning Chen. Generalized Hermite formula for the two-sided Lagrange–Sylvester interpolation. *Journal of Computational and Applied Mathematics*, 173(2):345–358, January 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704001670>.
Huang:2008:IMS
- [HYG08a] Guang-Xin Huang, Feng Yin, and Ke Guo. An iterative method for the skew-symmetric solution and the optimal approximate solution of the matrix equation $AXB = C$. *Journal of Computational and Applied Mathematics*, 212(2):231–244, March 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007266>.
Huang:2008:LUB
- [HYG08b] Guang-Xin Huang, Feng Yin, and Ke Guo. The lower and upper bounds on Perron root of nonnegative irreducible matrices. *Journal of Computational and Applied Mathematics*, 217(1):259–267, July 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700355X>.
Huang:2006:SAN
- [HyLC06] Nan-Jing Huang, Heng you Lan, and Yeol Je Cho. Sensitivity analysis for nonlinear generalized mixed implicit equilibrium problems with non-monotone set-valued mappings. *Journal of Computational and Applied Mathematics*, 196(2):608–618, November 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006242>.

- [HYYF05] **Hayashi:2005:MSM**
 Shunsuke Hayashi, Takahiro Yamaguchi, Nobuo Yamashita, and Masao Fukushima. A matrix-splitting method for symmetric affine second-order cone complementarity problems. *Journal of Computational and Applied Mathematics*, 175(2):335–353, March 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704002389>.
- [HZW08] **Huang:2008:STA**
 Zheng-Hai Huang, Ying Zhang, and Wei Wu. A smoothing-type algorithm for solving system of inequalities. *Journal of Computational and Applied Mathematics*, 220(1–2):355–363, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004566>.
- [HZ05] **Huang:2005:DNT**
 Yu Huang and Xingfu Zou. Dynamics in numerics: on two different finite difference schemes for ODEs. *Journal of Computational and Applied Mathematics*, 181(2):388–403, September 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005928>.
- [ICW+09] **Ikbāl:2009:URN**
 Md. A. Ikbāl, S. Chakravarty, Kelvin K. L. Wong, J. Mazumdar, and P. K. Mandal. Unsteady response of non-Newtonian blood flow through a stenosed artery in magnetic field. *Journal of Computational and Applied Mathematics*, 230(1):243–259, August 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708006031>.
- [HZBM06] **Han:2006:ABC**
 Houde Han, Liang Zhu, Hermann Brunner, and Jingtang Ma. Artificial boundary conditions for parabolic Volterra integro-differential equations on unbounded two-dimensional domains. *Journal of Computational and Applied Mathematics*, 197(2):406–420, December 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006886>.
- [IL05] **Ivanov:2005:PSS**
 Anatoli Ivanov and Eduardo Liz. Periodic solutions of a singular differential delay equation with the Farey-type nonlinearity. *Journal of Computational and Applied Mathematics*, 180(1):137–145, August 1, 2005.

CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270400490X>■

Ida:2006:NSN

- [IO06] Takanori Ide and Masami Okada. Numerical simulation for a nonlinear partial differential equation with variable coefficients by means of the discrete variational derivative method. *Journal of Computational and Applied Mathematics*, 194(2):425–459, October 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005133>■

Ida:2007:MAH

- [IO007] A. Ida, S. Oharu, and Y. Oharu. A mathematical approach to HIV infection dynamics. *Journal of Computational and Applied Mathematics*, 204(1):172–186, July 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002500>■

Ida:2007:ACA

- [IOS07] A. Ida, Y. Oharu, and O. Sankey. An attempt at the computer-aided management of HIV infection. *Journal of Computational and Applied Mathematics*, 204(1):159–165, July 1, 2007.

CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002470>■

Ivanova:2006:GCV

- [IS06] N. M. Ivanova and C. Sophocleous. On the group classification of variable-coefficient nonlinear diffusion-convection equations. *Journal of Computational and Applied Mathematics*, 197(2):322–344, December 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006722>■

Ismail:2009:DOO

- [IS09] Mourad E. H. Ismail and Plamen Simeonov. q -difference operators for orthogonal polynomials. *Journal of Computational and Applied Mathematics*, 233(3):749–761, December 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001228>■

Ishikawa:2007:NME

- [Ish07] Hideaki Ishikawa. Numerical methods for the eigenvalue determination of second-order ordinary differential equations. *Journal of Computational and Applied Mathematics*, 208(2):

404–424, November 15, 2007.
CODEN JCAMDI. ISSN
0377-0427 (print), 1879-1778 [Ism07]
(electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006133> ■

Ismail:2005:PMP

[Ism05a] Mourad Ismail. Problem 4. A moment problem. *Journal of Computational and Applied Mathematics*, 178(1–2):531–532, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004042> ■ [IT07]

Ismail:2005:POC

[Ism05b] Mourad Ismail. Problem 5. Orthogonality and completeness. *Journal of Computational and Applied Mathematics*, 178(1–2):533–534, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004054> ■ [IV06]

Ismail:2005:DOP

[Ism05c] Mourad E. H. Ismail. Determinants with orthogonal polynomial entries. *Journal of Computational and Applied Mathematics*, 178(1–2):255–266, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003784> ■

Ismailov:2007:CES

Vugar E. Ismailov. Characterization of an extremal sum of ridge functions. *Journal of Computational and Applied Mathematics*, 205(1):105–115, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002585> ■

Iavernaro:2007:SDS

Felice Iavernaro and Donato Trigiante. State-dependent symplecticity and area preserving numerical methods. *Journal of Computational and Applied Mathematics*, 205(2):814–825, August 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004043> ■

Ilin:2006:AMF

K. I. Ilin and V. A. Vladimirov. Asymptotic model for free surface flow of an electrically conducting fluid in a high-frequency magnetic field. *Journal of Computational and Applied Mathematics*, 190(1–2):520–531, June 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002499> ■

Izzo:2007:DTV

- [IV07] Giuseppe Izzo and Antonia Vecchio. A discrete time version for models of population dynamics in the presence of an infection. *Journal of Computational and Applied Mathematics*, 210(1–2): 210–221, December 31, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006637>.

Ionescu:2008:ESE

- [IV08] Ioan R. Ionescu and Darko Volkov. Earth surface effects on active faults: an eigenvalue asymptotic analysis. *Journal of Computational and Applied Mathematics*, 220(1–2): 143–162, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004323>.

Ivanov:2006:PDS

- [Iva06] Ivan G. Ivanov. On positive definite solutions of the family of matrix equations $X + A^*X^{-n}A = Q$. *Journal of Computational and Applied Mathematics*, 193(1): 277–301, August 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003924>.

Izadikhah:2009:UHD

[Iza09]

Mohammad Izadikhah. Using the Hamming distance to extend TOPSIS in a fuzzy environment. *Journal of Computational and Applied Mathematics*, 231(1): 200–207, September 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000533>.

Jackson:2006:PDE

[Jac06]

B. Jackson. Partial dynamic equations on time scales. *Journal of Computational and Applied Mathematics*, 186(2):391–415, February 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001019>.

Jakobsson:2009:RRB

[JAE09]

Stefan Jakobsson, Björn Andersson, and Fredrik Edelvik. Rational radial basis function interpolation with applications to antenna design. *Journal of Computational and Applied Mathematics*, 233(4): 889–904, December 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004634>.

- [Jai06] **Jais:2006:UIC**
 Mathias Jais. Unique identifiability of the common support of coefficients of a second order anisotropic elliptic system by the Dirichlet–Neumann map. *Journal of Computational and Applied Mathematics*, 194(1): 3–16, September 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003985>.
- [Jan08] **Jang:2008:TPB**
 Bongsoo Jang. Two-point boundary value problems by the extended Adomian decomposition method. *Journal of Computational and Applied Mathematics*, 219(1): 253–262, September 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004062>.
- [Jan09] **Jang:2009:CSC**
 Bongsoo Jang. Comments on “Solving a class of two-dimensional linear and non-linear Volterra integral equations by the differential transform method”. *Journal of Computational and Applied Mathematics*, 233(2): 224–230, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004130>. See [TRST09].
- [Jar09] **Jarlebring:2009:CDP**
 Elias Jarlebring. Critical delays and polynomial eigenvalue problems. *Journal of Computational and Applied Mathematics*, 224(1): 296–306, February 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002094>.
- [Jay07] **Jay:2007:BCR**
 Laurent O. Jay. Beyond conventional Runge–Kutta methods in numerical integration of ODEs and DAEs by use of structures and local models. *Journal of Computational and Applied Mathematics*, 204(1):56–76, July 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002391>.
- [Jay08] **Jayswal:2008:NDM**
 Anurag Jayswal. Non-differentiable minimax fractional programming with generalized α -univexity. *Journal of Computational and Applied Mathematics*, 214(1):121–135, April 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic).

- (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000891> ■
- Joulak:2009:GCG**
- [JB09] Hédi Joulak and Bernhard Beckermann. On Gautschi's conjecture for generalized Gauss–Radau and Gauss–Lobatto formulae. *Journal of Computational and Applied Mathematics*, 233(3): 768–774, December 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001241> ■
- Jiang:2009:LHS**
- [JC09] Mei-Qun Jiang and Yang Cao. On local Hermitian and skew-Hermitian splitting iteration methods for generalized saddle point problems. *Journal of Computational and Applied Mathematics*, 231(2): 973–982, September 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003276> ■
- Jiang:2005:CTS**
- [JD05] Meiqun Jiang and Junliang Dong. On convergence of two-stage splitting methods for linear complementarity problems. *Journal of Computational and Applied Mathematics*, 181(1):58–69, September 1, 2005. CODEN JCAMDI.
- (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000891> ■
- Jafari:2006:SSN**
- [JDG06] Hossein Jafari and Varsha Daftardar-Gejji. Solving a system of nonlinear fractional differential equations using Adomian decomposition. *Journal of Computational and Applied Mathematics*, 196(2):644–651, November 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006278> ■
- Jenkins:2007:NSA**
- [Jen07] Eleanor W. Jenkins. Numerical solution of the acoustic wave equation using Raviart–Thomas elements. *Journal of Computational and Applied Mathematics*, 206(1): 420–431, September 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004882> ■
- Jannelli:2006:ASS**
- [JF06] Alessandra Jannelli and Riccardo Fazio. Adaptive stiff solvers at low accuracy and complexity. *Journal of Computational and Applied Mathematics*, 191(2):246–258, July 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-

- 1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005534>. **Ji:2009:ECM**
- [JG09] Yude Ji and Yanping Guo. The existence of countably many positive solutions for some nonlinear n -th order m -point boundary value problems. *Journal of Computational and Applied Mathematics*, 232(2):187–200, October 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003331>. **Ji:2009:ECM**
- [JH09] Imre Juhász and Miklós Hoffmann. On the quartic curve of han. *Journal of Computational and Applied Mathematics*, 223(1):124–132, January 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707006735>. **Juhasz:2009:QCH**
- [JH08a] Yan-Fei Jing and Ting-Zhu Huang. On a new iterative method for solving linear systems and comparison results. *Journal of Computational and Applied Mathematics*, 220(1–2):74–84, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004177>. **Jing:2008:NIM**
- [Jia06] X. H. Jiang. Asymptotic analysis of a perturbation problem. *Journal of Computational and Applied Mathematics*, 190(1–2):22–36, June 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002190>. **Jiang:2006:AAP**
- [JH08b] Imre Juhász and Miklós Hoffmann. On parametrization of interpolating curves. *Journal of Computational and Applied Mathematics*, 216(2):413–424, July 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003877>. **Juhasz:2008:PIC**
- Wei-hua Jiang. The existence of positive solutions for second-order multi-point BVPs with the first derivative. *Journal of Computational and Applied Mathematics*, 225(2):387–392, March 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003877>. **Jiang:2009:EPS**

- [jia09b] **jiang:2009:SMV** Ying-Jun jiang. On spectral methods for Volterra-type integro-differential equations. *Journal of Computational and Applied Mathematics*, 230(2):333–340, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708006298>█
- [JKK06] **Jablonski:2006:PBF** Bartosz Jablonski, Ryszard Klempous, and Marek Kulbacki. PDE-based filtering of motion sequences. *Journal of Computational and Applied Mathematics*, 189(1–2):660–675, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001421>█
- [JK07] **Jin:2007:GCE** Yi Jin and Bahman Kalantari. On general convergence in extracting radicals via a fundamental family of iteration functions. *Journal of Computational and Applied Mathematics*, 206(2):832–842, September 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005267>█
- [JKM07] **Jacobs:2007:TET** G. B. Jacobs, D. A. Kopriva, and F. Mashayek. Towards efficient tracking of inertial particles with high-order multidomain methods. *Journal of Computational and Applied Mathematics*, 206(1):392–408, September 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004857>█
- [JK09] **Jayswal:2009:SNM** Anurag Jayswal and Rajnish Kumar. Some nondifferentiable multiobjective programming under generalized d-V-type-I univexity. *Journal of Computational and Applied Mathematics*, 229(1):175–182, July 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005542>█
- [JKM09] **Johnpillai:2009:ANT** A. G. Johnpillai, A. H. Kara, and F. M. Mahomed. Approximate Noether-type symmetries and conservation laws via partial Lagrangians for PDEs with a small parameter. *Journal of Computational and Applied Mathematics*, 223(1):508–518, January 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005542>█

[//www.sciencedirect.com/science/article/pii/S037704270800040X](http://www.sciencedirect.com/science/article/pii/S037704270800040X)■

Jackiewicz:2006:NSN

[JL06a]

Z. Jackiewicz and E. Lo. Numerical solution of neutral functional differential equations by Adams methods in divided difference form. *Journal of Computational and Applied Mathematics*, 189(1–2):592–605, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500141X>■

Jiang:2006:ONT

[JL06b]

Jianchu Jiang and Xiaoping Li. Oscillation and nonoscillation of two-dimensional difference systems. *Journal of Computational and Applied Mathematics*, 188(1):77–88, April 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001639>■

Jiang:2007:ISF

[JL07a]

Guirong Jiang and Qishao Lu. Impulsive state feedback control of a predator–prey model. *Journal of Computational and Applied Mathematics*, 200(1):193–207, March 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270705004085>■

[//www.sciencedirect.com/science/article/pii/S0377042705008058](http://www.sciencedirect.com/science/article/pii/S0377042705008058)■

Johansson:2007:DSD

[JL07b]

Tomas Johansson and Daniel Lesnic. Determination of a spacewise dependent heat source. *Journal of Computational and Applied Mathematics*, 209(1):66–80, December 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006200>■

Jakobson:2006:SPM

[JLNP06]

Dmitry Jakobson, Michael Levitin, Nikolai Nadirashvili, and Iosif Polterovich. Spectral problems with mixed Dirichlet–Neumann boundary conditions: Isospectrality and beyond. *Journal of Computational and Applied Mathematics*, 194(1):141–155, September 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004085>■

Jakubiak:2006:TSA

[JLR06]

Janusz Jakubiak, Fátima Silva Leite, and Rui C. Rodrigues. A two-step algorithm of smooth spline generation on Riemannian manifolds. *Journal of Computational and Applied Mathematics*, 194(2):177–191, October 1, 2006. CODEN JCAMDI. ISSN

- 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004395> ■
- Janas:2007:AAA**
- [JM07a] Jan Janas and Maria Malejki. Alternative approaches to asymptotic behaviour of eigenvalues of some unbounded Jacobi matrices. *Journal of Computational and Applied Mathematics*, 200(1):342–356, March 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000197> ■
- Jiang:2007:EBS**
- [JM07b] Fangcui Jiang and Fanwei Meng. Explicit bounds on some new nonlinear integral inequalities with delay. *Journal of Computational and Applied Mathematics*, 205(1):479–486, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003323> ■
- Jentzen:2009:RES**
- [JN09] A. Jentzen and A. Neuenkirch. A random Euler scheme for Carathéodory differential equations. *Journal of Computational and Applied Mathematics*, 224(1):346–359, February 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004395> ■
- John:2005:ATM**
- [Joh05] Volker John. An assessment of two models for the sub-grid scale tensor in the rational LES model. *Journal of Computational and Applied Mathematics*, 173(1):57–80, January 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704001347> ■
- Jones:2006:PCF**
- [Jon06] D. S. Jones. Parabolic cylinder functions of large order. *Journal of Computational and Applied Mathematics*, 190(1–2):453–469, June 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002463> ■
- Jagels:2007:SLQ**
- [JR07] Carl Jagels and Lothar Reichel. Szegő–Lobatto quadrature rules. *Journal of Computational and Applied Mathematics*, 200(1):116–126, March 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007995> ■

- [JR08] **JiraneK:2008:LAS** Pavel Jiránek and Miroslav Rozložník. Limiting accuracy of segregated solution methods for nonsymmetric saddle point problems. *Journal of Computational and Applied Mathematics*, 215(1):28–37, May 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001720>. **[JSS07]**
- [JRM09] **Jana:2009:MOP** P. Jana, T. K. Roy, and S. K. Mazumder. Multi-objective possibilistic model for portfolio selection with transaction cost. *Journal of Computational and Applied Mathematics*, 228(1):188–196, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004639>. **[JT09a]**
- [JS08] **Jung:2008:IEW** H. S. Jung and R. Sakai. Inequalities with exponential weights. *Journal of Computational and Applied Mathematics*, 212(2):359–373, March 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007369>. **[JSS07]**
- Jukic:2007:TLS** Dragan Jukić, Kristian Sabo, and Rudolf Scitovski. Total least squares fitting Michaelis–Menten enzyme kinetic model function. *Journal of Computational and Applied Mathematics*, 201(1):230–246, April 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001026>.
- Johnson:2009:EAZ** Tomas Johnson and Warwick Tucker. Enclosing all zeros of an analytic function — a rigorous approach. *Journal of Computational and Applied Mathematics*, 228(1):418–423, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005074>.
- Jordaan:2009:CZS** Kerstin Jordaan and Ferenc Tookos. Convexity of the zeros of some orthogonal polynomials and related functions. *Journal of Computational and Applied Mathematics*, 233(3):762–767, December 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270900123X>.

- [JTHZ05] **Jian:2005:FDS** Jin-Bao Jian, Chun-Ming Tang, Qing-Jie Hu, and Hai-Yan Zheng. A feasible descent SQP algorithm for general constrained optimization without strict complementarity. *Journal of Computational and Applied Mathematics*, 180(2):391–412, August 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005400>.
- [JW08a] **Jiang:2008:BAV** Weihua Jiang and Junjie Wei. Bifurcation analysis in van der Pol's oscillator with delayed feedback. *Journal of Computational and Applied Mathematics*, 213(2):604–615, April 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003730>.
- [JW08b] **Jin:2008:AFE** Jicheng Jin and Xiaonan Wu. Analysis of finite element method for one-dimensional time-dependent Schrödinger equation on unbounded domain. *Journal of Computational and Applied Mathematics*, 220(1–2):240–256, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004499>.
- [JVVvdZ06] **Javierre:2006:CNM** E. Javierre, C. Vuik, F. J. Vermolen, and S. van der Zwaag. A comparison of numerical models for one-dimensional Stefan problems. *Journal of Computational and Applied Mathematics*, 192(2):445–459, August 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003730>.
- [JYX07] **Jisheng:2007:TOM** Kou Jisheng, Li Yitian, and Wang Xiuhua. Third-order modification of Newton's method. *Journal of Computational and Applied Mathematics*, 205(1):1–5, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600197X>.
- [JW08a] **Jackiewicz:2009:DVM** Z. Jackiewicz and B. Zubik-Kowal. Discrete variable methods for delay-differential equations with threshold-type delays. *Journal of Computational and Applied Mathematics*, 228(2):514–523, June 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270900197X>.

- [JZW08] Tongsong Jiang, Jianli Zhao, and Musheng Wei. A new technique of quaternion equality constrained least squares problem. *Journal of Computational and Applied Mathematics*, 216(2):509–513, July 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002907>. **Jiang:2008:NTQ**
- [KA06] I. V. Konnov and M. S. S. Ali. Descent methods for monotone equilibrium problems in Banach spaces. *Journal of Computational and Applied Mathematics*, 188(2):165–179, April 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500213X>. **Konnov:2006:DMM**
- [KA07] Adem Kiliçman and Zeyad Abdel Aziz Al Zhour. Vector least-squares solutions for coupled singular matrix equations. *Journal of Computational and Applied Mathematics*, 206(2):1051–1069, September 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001835>. **Kilicman:2007:VLS**
- [KAC05] Philsu Kim, Soyoung Ahn, and U. Jin Choi. On the Chebyshev quadrature rule of finite part integrals. *Journal of Computational and Applied Mathematics*, 180(1):147–159, August 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004911>. **Kim:2005:CQR**
- [Kag09] Masayuki Kageyama. Credibilistic Markov decision processes: the average case. *Journal of Computational and Applied Mathematics*, 224(1):140–145, February 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005784>. **Kageyama:2009:CMD**
- [KA08] Hoi Sub Kim and Young Joon Ahn. Constrained degree reduction of polynomials in Bernstein–Bézier form over simplex domain. *Journal of Computational and Applied Mathematics*, 216(1):14–19, June 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001835>. **Kim:2008:CDR**

- [//www.sciencedirect.com/science/article/pii/S0377042708001842](http://www.sciencedirect.com/science/article/pii/S0377042708001842) [Kan08]
- Kalovics:2005:ZI**
- [Kál05] Ferenc Kálóvics. Zones and integrals. *Journal of Computational and Applied Mathematics*, 182(2): 243–251, October 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704006119>
- Kanschat:2008:RSH**
- Guido Kanschat. Robust smoothers for high-order discontinuous Galerkin discretizations of advection–diffusion problems. *Journal of Computational and Applied Mathematics*, 218(1):53–60, August 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003263>
- Kamoun:2007:BTS**
- [Kam07] Lotfi Kamoun. Besov-type spaces for the Dunkl operator on the real line. *Journal of Computational and Applied Mathematics*, 199(1): 56–67, February 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007387>
- Ketabchi:2007:SSC**
- [KAP07] S. Ketabchi and E. Ansari-Piri. On the solution set of convex problems and its numerical application. *Journal of Computational and Applied Mathematics*, 206(1): 288–292, September 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004493>
- Kang:2005:ETP**
- [Kan05] Mihyun Kang. Efficiency test of pseudorandom number generators using random walks. *Journal of Computational and Applied Mathematics*, 174(1):165–177, February 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704001864>
- Kar:2006:MAH**
- [Kar06] Tapan Kumar Kar. Modelling and analysis of a harvested prey-predator system incorporating a prey refuge. *Journal of Computational and Applied Mathematics*, 185(1):19–33, January 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000488>

- [Kar07] **Karaca:2007:DTO**
 Ilkay Yaslan Karaca. Discrete third-order three-point boundary value problem. *Journal of Computational and Applied Mathematics*, 205(1):458–468, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600330X>.
- [Kar09] **Karaca:2009:PSF**
 Ilkay Yaslan Karaca. On positive solutions for fourth-order boundary value problem with impulse. *Journal of Computational and Applied Mathematics*, 225(2):356–364, March 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800383X>.
- [Kas06] **Kassem:2006:GSU**
 M. Kassem. Group solution for unsteady free-convection flow from a vertical moving plate subjected to constant heat flux. *Journal of Computational and Applied Mathematics*, 187(1):72–86, March 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001469>.
- [Kaw07] **Kawanago:2007:ICT**
 Tadashi Kawanago. Improved convergence theorems of Newton's method designed for the numerical verification for solutions of differential equations. *Journal of Computational and Applied Mathematics*, 199(2):365–371, February 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007739>.
- [Kaz06] **Kazmi:2006:IAG**
 Kaleem Raza Kazmi. Iterative algorithm for generalized quasi-variational-like inclusions with fuzzy mappings in Banach spaces. *Journal of Computational and Applied Mathematics*, 188(1):1–11, April 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500155X>.
- [KBA09] **Kazmi:2009:IAB**
 K. R. Kazmi, M. I. Bhat, and Naeem Ahmad. An iterative algorithm based on M -proximal mappings for a system of generalized implicit variational inclusions in Banach spaces. *Journal of Computational and Applied Mathematics*, 233(2):361–371, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004312>.

- [KBB05] **Kyrychko:2005:PTW**
 Y. N. Kyrychko, M. V. Bartucci, and K. B. Blyuss. Persistence of travelling wave solutions of a fourth order diffusion system. *Journal of Computational and Applied Mathematics*, 176(2): 433–443, April 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003474>.
- [KCK06] **Kalita:2006:SDH**
 Jiten C. Kalita, Puneet Chhabra, and Sudhanshu Kumar. A semi-discrete higher order compact scheme for the unsteady two-dimensional Schrödinger equation. *Journal of Computational and Applied Mathematics*, 197(1): 141–149, December 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006485>.
- [KBSK08] **Khromov:2008:CDF**
 A. I. Khromov, A. A. Bukhanko, S. L. Stepanov, and E. P. Kocherov. Concentrators of deformations and fracture of plastic bodies. *Journal of Computational and Applied Mathematics*, 215(2):457–466, June 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007564>.
- [KCK09] **Katayama:2009:CSH**
 N. Katayama, M. Chen, and M. Kubo. A capacity scaling heuristic for the multi-commodity capacitated network design problem. *Journal of Computational and Applied Mathematics*, 232(1): 90–101, October 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005487>.
- [KC07] **Kim:2007:FDI**
 Kyung Joong Kim and Seung Hoe Choi. Frequency-dependent interpolation rules using first derivatives for oscillatory functions. *Journal of Computational and Applied Mathematics*, 205(1): 149–160, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005487>.
- [KCLW08] **Kelner:2008:HOT**
 Vincent Kelner, Florin Ciutanescu, Olivier Léonard, and Louis Wehenkel. A hybrid optimization technique coupling an evolutionary and a local search algorithm. *Journal of Computational and Applied Mathematics*, 215

- (2):448–456, June 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007552>.
Khater:2006:ESS
- [KCS06] A. H. Khater, D. K. Callebaut, and S. M. Sayed. Exact solutions for some nonlinear evolution equations which describe pseudo-spherical surfaces. *Journal of Computational and Applied Mathematics*, 189(1–2):387–411, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006175>.
Kaba:2005:STL
- [KD05] Ibrahima K. Kaba and Weizhong Dai. A stable three-level finite difference scheme for solving the parabolic two-step model in a 3D micro-sphere heated by ultrashort-pulsed lasers. *Journal of Computational and Applied Mathematics*, 181(1):125–147, September 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005576>.
Kumar:2006:CCP
- [KD06] Arun Kumar and V. B. Das. Convergence of cubic piecewise function. *Journal of Computational and Applied Mathematics*, 194(2):388–394, October 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005017>.
Kasbah:2008:MSR
- [KDH08] Safaa J. Kasbah, Issam W. Damaj, and Ramzi A. Haraty. Multigrid solvers in reconfigurable hardware. *Journal of Computational and Applied Mathematics*, 213(1):79–94, March 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000076>.
Kalita:2008:ETN
- [KDN08] Jiten C. Kalita, Anoop K. Dass, and Nimisha Nidhi. An efficient transient Navier–Stokes solver on compact nonuniform space grids. *Journal of Computational and Applied Mathematics*, 214(1):148–162, April 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001033>.
Kersey:2009:CVR
- [Ker09] Scott N. Kersey. Constrained variational refinement. *Journal of Computational and Applied Mathematics*, 223(2):

983–996, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001209>.

Kemaloglu:2009:RAU

[KG09]

Sibel Acik Kemaloglu and Omer L. Gebizlioglu. Risk analysis under progressive type II censoring with binomial claim numbers. *Journal of Computational and Applied Mathematics*, 233(1): 61–72, November 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005633>.

Kadalbajoo:2008:UCB

[KGA08]

Mohan K. Kadalbajoo, Vikas Gupta, and Ashish Awasthi. A uniformly convergent B-spline collocation method on a nonuniform mesh for singularly perturbed one-dimensional time-dependent linear convection–diffusion problem. *Journal of Computational and Applied Mathematics*, 220(1–2):271–289, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004517>.

Kroll:2007:FSS

[KGB⁺07]

Norbert Kroll, Nicolas R.

Gauger, Joël Brezillon, Richard Dwight, Antonio Fazzolari, Daniel Vollmer, Klaus Becker, Holger Barnewitz, Volker Schulz, and Subhendu Hazra. Flow simulation and shape optimization for aircraft design. *Journal of Computational and Applied Mathematics*, 203(2):397–411, June 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002202>.

Kong:2009:CFS

[KGW09]

Zhi Kong, Liqun Gao, and Lifu Wang. Comment on “A fuzzy soft set theoretic approach to decision making problems”. *Journal of Computational and Applied Mathematics*, 223(2): 540–542, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000162>. See [RM07].

Kuzmin:2008:NPE

[KHK08]

Dmitri Kuzmin, Antti Hanukainen, and Sergey Korotov. A new a posteriori error estimate for convection–reaction–diffusion problems. *Journal of Computational and Applied Mathematics*, 218(1):70–78, August 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-

- 1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002660> ■
- [Kho09] **Khodabakhshi:2009:OMA** Mohammad Khodabakhshi. A one-model approach based on relaxed combinations of inputs for evaluating input congestion in DEA. *Journal of Computational and Applied Mathematics*, 230(2): 443–450, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002660> ■
- [Khr05] **Khrushchev:2005:CFO** Sergey Khrushchev. Continued fractions and orthogonal polynomials on the unit circle. *Journal of Computational and Applied Mathematics*, 178(1–2):267–303, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003796> ■
- [Khu06] **Khuri:2006:SFC** S. A. Khuri. Stokes flow in curved channels. *Journal of Computational and Applied Mathematics*, 187(2): 171–191, March 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001512> ■
- [Kil07] **Kilic:2007:GOF** Emrah Kilic. The generalized order- k Fibonacci–Pell sequence by matrix methods. *Journal of Computational and Applied Mathematics*, 209(2):133–145, December 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006698> ■
- Kong:2009:SIN** Linghua Kong, Jialin Hong, Lan Wang, and Fangfang Fu. Symplectic integrator for nonlinear high order Schrödinger equation with a trapped term. *Journal of Computational and Applied Mathematics*, 231(2):664–679, September 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002660> ■
- Karsli:2008:CRN** Harun Karsli and Ertan Ibikli. Convergence rate of a new Bézier variant of Chlodowsky operators to bounded variation functions. *Journal of Computational and Applied Mathematics*, 212(2):431–443, March 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007898> ■

- [Kim05] **Kim:2005:TFD**
 Kyung Joong Kim. Two-frequency-dependent Gauss quadrature rules. *Journal of Computational and Applied Mathematics*, 174(1):43–55, February 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704001700>.
- [KJ09] **Kapl:2009:MAT** [KK08]
 Mario Kapl and Bert Jüttler. A multiresolution analysis for tensor-product splines using weighted spline wavelets. *Journal of Computational and Applied Mathematics*, 231(2):828–839, September 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003021>.
- [KK05] **Kiepiela:2005:ECP** [KK09a]
 Katarzyna Kiepiela and Dominika Klimek. An extension of the Chebyshev polynomials. *Journal of Computational and Applied Mathematics*, 178(1–2):305–312, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003802>.
- [KK06] **Karatson:2006:DMP** [KK09b]
 J. Karátson and S. Korotov. Discrete maximum principles for finite element solutions of some mixed nonlinear elliptic problems using quadratures. *Journal of Computational and Applied Mathematics*, 192(1):75–88, July 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003092>.
- Karatson:2008:SCP**
 J. Karátson and T. Kurics. Superlinearly convergent PCG algorithms for some nonsymmetric elliptic systems. *Journal of Computational and Applied Mathematics*, 212(2):214–230, March 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007254>.
- Karasoy:2009:MEC**
 Durdu Karasoy and Cem Kadilar. Modified estimators for the change point in hazard function. *Journal of Computational and Applied Mathematics*, 229(1):152–157, July 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005372>.
- Keshavarz:2009:FSP**
 Esmail Keshavarz and Esmail Khorram. A fuzzy shortest path with the high-

- est reliability. *Journal of Computational and Applied Mathematics*, 230(1): 204–212, August 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005992>.
Kim:2009:FFE
- [KK09c] Young Pyo Kim and Jae Ryong Kweon. The Fourier-finite element method for the Poisson problem on a non-convex polyhedral cylinder. *Journal of Computational and Applied Mathematics*, 233(4):951–968, December 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709005755>.
Kumar:2006:WEB
- [KKD06] V. V. K. Srinivas Kumar, B. V. Rathish Kumar, and P. C. Das. Weighted extended B-spline method for the approximation of the stationary Stokes problem. *Journal of Computational and Applied Mathematics*, 186(2): 335–348, February 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000981>.
Kolev:2006:JPG
- [KKLM06] Nikolai Kolev, Ekaterina T. Kolkovska, and José Alfredo López-Mimbela. Joint probability generating function for a vector of arbitrary indicator variables. *Journal of Computational and Applied Mathematics*, 186(1): 89–98, February 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001901>.
Kim:2006:CAS
- [KKLY06] Changho Kim, Sangdong Kim, Yong Hun Lee, and Jungho Yoon. Convergence analysis for a second-order elliptic equation by a collocation method using scattered points. *Journal of Computational and Applied Mathematics*, 186(2):450–465, February 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001068>.
Kreinovich:2007:IDT
- [KKS⁺07] Vladik Kreinovich, Olga Kosheleva, Scott A. Starks, Kavitha Tupelly, Graçaliz P. Dimuro, Antônio Carlos da Rocha Costa, and Karen Villaverde. From intervals to domains: Towards a general description of validated uncertainty, with potential applications to geospatial and meteorological data. *Journal of Computational and Ap-*

plied Mathematics, 199(2): 411–417, February 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007806>■

Kang:2006:BSF

[KKW06]

Tong Kang, Kwang Ik Kim, and Zhengpeng Wu. An E -based splitting finite element method for time-dependent eddy current equations. *Journal of Computational and Applied Mathematics*, 196(2): 358–367, November 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005698>■

Ke:2008:MEA

[KL08a]

Jau-Chuan Ke and Chuen-Horng Lin. Maximum entropy approach for batch-arrival queue under N policy with an un-reliable server and single vacation. *Journal of Computational and Applied Mathematics*, 221(1): 1–15, November 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005195>■

Kim:2008:PHP

[KL08b]

Gwang-Il Kim and Sunhong Lee. Pythagorean-hodograph preserving mappings. *Jour-*

nal of Computational and Applied Mathematics, 216(1):217–226, June 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002312>■

Kwak:2009:BIS

[KLO9]

Do Y. Kwak and Hijin Lee. Block iterative solvers for higher order finite volume methods. *Journal of Computational and Applied Mathematics*, 232(2): 378–387, October 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003641>■

Kouibia:2006:ADC

[KLLP06]

A. Kouibia, A. J. López-Linares, and M. Pasadas. Approximation of discontinuous curves and surfaces with tangent conditions. *Journal of Computational and Applied Mathematics*, 193(1):51–64, August 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003791>■

Korman:2008:VBD

[KLO08]

Philip Korman, Yi Li, and Tiancheng Ouyang. Verification of bifurcation diagrams for polynomial-like equa-

- tions. *Journal of Computational and Applied Mathematics*, 212(2):187–193, March 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007229>. [KLS⁺07]
- Kreinovich:2007:IVS**
- Vladik Kreinovich, Luc Longpré, Scott A. Starks, Gang Xi-ang, Jan Beck, Raj Kandathi, Asis Nayak, Scott Ferson, and Janos Hajagos. Interval versions of statistical techniques with applications to environmental analysis, bioinformatics, and privacy in statistical databases. *Journal of Computational and Applied Mathematics*, 199(2): 418–423, February 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007818>. [KLV09]
- Kunze:2009:IPR**
- H. E. Kunze, D. La Torre, and E. R. Vrscay. Inverse problems for random differential equations using the collage method for random contraction mappings. *Journal of Computational and Applied Mathematics*, 223(2): 853–861, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000885>. [KLM05]
- Kou:2007:SMN**
- Jisheng Kou, Yitian Li, and Xiuhua Wang. Some modifications of Newton’s method with fifth-order convergence. *Journal of Computational and Applied Mathematics*, 209(2):146–152, December 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006704>. [Kou:2007:SVO]
- Jisheng Kou, Yitian Li, and Xiuhua Wang. Some variants of Ostrowski’s method with seventh-order convergence. *Journal of Computational and Applied Mathematics*, 209(2):153–159, December 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006716>. [Kuijlaars:2005:RHP]
- A. B. J. Kuijlaars and K. T.-R. McLaughlin. A Riemann–Hilbert problem for biorthogonal polynomials. *Journal of Computational and Applied Mathematics*, 178(1–2):313–320, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006716>.

[//www.sciencedirect.com/science/article/pii/S0377042704003814](http://www.sciencedirect.com/science/article/pii/S0377042704003814) ■

Kamieniarz:2006:TMS

[KM06]

G. Kamieniarz and R. Matysiak. ■

Transfer matrix simulation technique: Effectiveness and applicability to the low-dimensional magnetic spin systems. *Journal of Computational and Applied Mathematics*, 189(1–2):471–480, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006187> ■

Karoui:2009:SAF

[KM09a]

Abderrazek Karoui and Taher Moumni. Spectral analysis of the finite Hankel transform and circular prolate spheroidal wave functions. *Journal of Computational and Applied Mathematics*, 233(2):315–333, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004245> ■

Kojadinovic:2009:MDD

[KM09b]

Ivan Kojadinovic and Jean-Luc Marichal. On the moments and distribution of discrete Choquet integrals from continuous distributions. *Journal of Computational and Applied Mathematics*, 230(1):83–94, August 1, 2009. CODEN JCAMDI.

ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005888> ■

Kumar:2009:WOF

Vivek Kumar and Mani Mehra. Wavelet optimized finite difference method using interpolating wavelets for self-adjoint singularly perturbed problems. *Journal of Computational and Applied Mathematics*, 230(2):803–812, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000272> ■

Karmakar:2009:IOM

[KMB09a]

S. Karmakar, S. K. Mahato, and A. K. Bhunia. Interval oriented multi-section techniques for global optimization. *Journal of Computational and Applied Mathematics*, 224(2):476–491, February 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002549> ■

Krukier:2009:PTS

[KMB09b]

Lev A. Krukier, Tatiana S. Martynova, and Zhong-Zhi Bai. Product-type skew-Hermitian triangular splitting iteration methods for strongly non-Hermitian positive definite linear systems. *Jour-*

- nal of Computational and Applied Mathematics*, 232(1):3–16, October 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005414>.
Koepf:2006:GFV [KN06]
- [KMJ06] Wolfram Koepf and Mohammad Masjed-Jamei. A generic formula for the values at the boundary points of monic classical orthogonal polynomials. *Journal of Computational and Applied Mathematics*, 191(1):98–105, June 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002645>.
Kako:2009:P [KN09]
- [KMS09] Takashi Kako, Frédéric Magouès, and Hiroshi Suito. Preface. *Journal of Computational and Applied Mathematics*, 232(1):1–2, October 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005402>.
Khaliq:2009:SSR [KMVWY09]
- A. Q. M. Khaliq, J. Martín-Vaquero, B. A. Wade, and M. Yousuf. Smoothing schemes for reaction–diffusion systems with nonsmooth data. *Journal of Computational and Applied Mathematics*, 223(1):374–386, January 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000290>.
Kiselev:2006:NAO
- Alexander V. Kiselev and Serguei N. Naboko. Nonself-adjoint operators with almost Hermitian spectrum: Matrix model. *I. Journal of Computational and Applied Mathematics*, 194(1):115–130, September 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004061>.
Kohno:2009:NP
- Toshiyuki Kohno and Hiroshi Niki. A note on the preconditioner $P_m = (I + S_m)$. *Journal of Computational and Applied Mathematics*, 225(1):316–319, March 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003853>.
Kan-on:2007:BSP
- [Ko07] Yukio Kan-on. Bifurcation structure of positive stationary solutions for a Lotka–Volterra competition model with diffusion. I: Numerical verification of local struc-

ture. *Journal of Computational and Applied Mathematics*, 201(2):317–326, April 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000847> ■

Kocak:2008:CIM

[Koç08a]

M. Çetin Koçak. A class of iterative methods with third-order convergence to solve nonlinear equations. *Journal of Computational and Applied Mathematics*, 218(2):290–306, September 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000738> ■

Kocak:2008:SGF

[Koç08b]

M. Çetin Koçak. Simple geometry facilitates iterative solution of a nonlinear equation via a special transformation to accelerate convergence to third order. *Journal of Computational and Applied Mathematics*, 218(2):350–363, September 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001318> ■

Kohr:2007:BVP

[Koh07]

Mirela Kohr. Boundary value problems for a compressible Stokes system in bounded

domains in \mathbf{R}^n . *Journal of Computational and Applied Mathematics*, 201(1):128–145, April 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000823> ■

Kohaupt:2008:SME

[Koh08]

L. Kohaupt. Solution of the matrix eigenvalue problem $VA + A^*V = \mu V$ with applications to the study of free linear dynamical systems. *Journal of Computational and Applied Mathematics*, 213(1):142–165, March 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700012X> ■

Koikari:2005:RTA

[Koi05]

S. Koikari. Rooted tree analysis of Runge–Kutta methods with exact treatment of linear terms. *Journal of Computational and Applied Mathematics*, 177(2):427–453, May 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004650> ■

Kokonendji:2005:OSS

[Kok05]

Célestin C. Kokonendji. On d -orthogonality of the Sheffer systems associated to a convolution semigroup. *Jour-*

Journal of Computational and Applied Mathematics, 181(1): 83–91, September 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005539> ■

Komori:2007:WOS

[Kom07a]

Yoshio Komori. Weak order stochastic Runge–Kutta methods for commutative stochastic differential equations. *Journal of Computational and Applied Mathematics*, 203(1):57–79, June 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001737> ■

Komori:2007:WSO

[Kom07b]

Yoshio Komori. Weak second-order stochastic Runge–Kutta methods for non-commutative stochastic differential equations. *Journal of Computational and Applied Mathematics*, 206(1): 158–173, September 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003906> ■

Komori:2008:WFS

[Kom08]

Yoshio Komori. Weak first- or second-order implicit Runge–Kutta methods for stochastic differential equations with a

scalar Wiener process. *Journal of Computational and Applied Mathematics*, 217(1):166–179, July 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003469> ■

Konnov:2007:IAM

[Kon07]

Igor V. Konnov. Iterative algorithms for multi-valued inclusions with Z mappings. *Journal of Computational and Applied Mathematics*, 206(1):358–365, September 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004730> ■

Koornwinder:2007:SRA

[Koo07]

Tom H. Koornwinder. The structure relation for Askey–Wilson polynomials. *Journal of Computational and Applied Mathematics*, 207(2): 214–226, October 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006029> ■

Korotov:2006:PEE

[Kor06]

S. Korotov. A posteriori error estimation of goal-oriented quantities for elliptic type BVPs. *Journal of Computational and Applied Mathematics*, 191(2):216–227, July

- 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005509>.
Kato:2007:SSP
- [KOS07] Nobuyuki Kato, Shinnosuke Oharu, and Koichi Shitaoka. Size-structured plant population models and harvesting problems. *Journal of Computational and Applied Mathematics*, 204(1):114–123, July 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000064>.
Kou:2008:SVC
- Jisheng Kou. Some variants of Cauchy’s method with accelerated fourth-order convergence. *Journal of Computational and Applied Mathematics*, 213(1):71–78, March 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000064>.
Koyama:2007:EED
- [Kot08a] Toshiyuki Koto. IMEX Runge–Kutta schemes for reaction–diffusion equations. *Journal of Computational and Applied Mathematics*, 215(1):182–195, May 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001951>.
Koto:2008:IRK
- [Kot08b] Toshiyuki Koto. Stability of IMEX Runge–Kutta methods for delay differential equations. *Journal of Computational and Applied Mathematics*, 211(2):201–212, February 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001951>.
Koto:2008:SIR
- [Koy09] Daisuke Koyama. Error estimates of the DtN finite element method for the exterior Helmholtz problem. *Journal of Computational and Applied Mathematics*, 200(1):21–31, March 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007934>.
Koyama:2009:EEF
- Daisuke Koyama. Error estimates of the finite element method for the exterior Helmholtz problem with a modified DtN boundary condition. *Journal of Computational and Applied Mathematics*, 232(1):109–121, October 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007934>.

- [//www.sciencedirect.com/science/article/pii/S0377042708005505](http://www.sciencedirect.com/science/article/pii/S0377042708005505) **Kouibia:2008:AIV**
- [Koz08] Roman Kozlov. Exponential operator splitting time integration for spectral methods. *Journal of Computational and Applied Mathematics*, 222(2):592–607, December 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707006346> **Kozlov:2008:EOS** [KP08a]
- [Koz09] Roman Kozlov. Exponential splitting time integration for pseudospectral methods on moving meshes. *Journal of Computational and Applied Mathematics*, 228(1):56–69, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004378> **Kozlov:2009:EST** [KP08b]
- [KP07] A. Kouibia and M. Pasadas. A note on the discrete approximation of discontinuous curves and surfaces. *Journal of Computational and Applied Mathematics*, 208(2):373–379, November 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005917> **Kouibia:2007:NDA** [KPAT07]
- A. Kouibia and M. Pasadas. Approximation by interpolating variational splines. *Journal of Computational and Applied Mathematics*, 218(2):342–349, September 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001276> **Kouibia:2008:ASV**
- A. Kouibia and M. Pasadas. Approximation by smoothing variational vector splines for noisy data. *Journal of Computational and Applied Mathematics*, 211(2):213–222, February 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007060> **Kouibia:2008:ASV**
- M. N. Kashid, F. Platte, D. W. Agar, and S. Turek. Computational modelling of slug flow in a capillary microreactor. *Journal of Computational and Applied Mathematics*, 203(2):487–497, June 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002184> **Kashid:2007:CMS**

- [KR07] **Kloeden:2007:RKM**
 Peter E. Kloeden and Andreas Rößler. Runge–Kutta methods for affinely controlled nonlinear systems. *Journal of Computational and Applied Mathematics*, 205(2):957–968, August 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600416X>.
- [KRA08] **Khalifa:2008:CMC**
 A. K. Khalifa, K. R. Raslan, and H. M. Alzubaidi. A collocation method with cubic B-splines for solving the MRLW equation. *Journal of Computational and Applied Mathematics*, 212(2):406–418, March 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007850>.
- [KR08] **Kounchev:2008:PAM**
 Ognyan Kounchev and Hermann Render. Padé approximation for a multivariate Markov transform. *Journal of Computational and Applied Mathematics*, 219(2):416–430, October 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700235X>.
- [KRAH07] **Kletting:2007:CTG**
 Marco Kletting, Andreas Rauh, Harald Aschemann, and Eberhard P. Hofer. Consistency tests in guaranteed simulation of nonlinear uncertain systems with application to an activated sludge process. *Journal of Computational and Applied Mathematics*, 199(2):213–219, February 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007533>.
- [Kra06] **Krasikov:2006:EZC**
 Ilia Krasikov. On extreme zeros of classical orthogonal polynomials. *Journal of Computational and Applied Mathematics*, 193(1):168–182, August 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003869>.
- [Kro06a] **Krogh:2006:DMS**
 Fred T. Krogh. On developing mathematical software. *Journal of Computational and Applied Mathematics*, 185(2):196–202, January 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001081>.

Krottje:2006:VMM

[Kro06b]

Johannes K. Krottje. A variational meshfree method for solving time-discrete diffusion equations. *Journal of Computational and Applied Mathematics*, 192(2): 183–204, August 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002797>.

Kucuk:2005:OCE

[KS05b]

Ismail Kucuk and Ibrahim Sadek. Optimal control of an elastically connected rectangular plate-membrane system. *Journal of Computational and Applied Mathematics*, 180(2):345–363, August 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005278>.

Krutitskii:2005:MJP

[Kru05]

P. A. Krutitskii. The modified jump problem for the Laplace equation and singularities at the tips. *Journal of Computational and Applied Mathematics*, 183(1): 232–240, November 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000270>.

[KS06]

Claudia Kirch and Josef Steinebach. Permutation principles for the change analysis of stochastic processes under strong invariance. *Journal of Computational and Applied Mathematics*, 186(1):64–88, February 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001895>.

Kirch:2006:PPC**Koepf:2005:PMP**

[KS05a]

Wolfram Koepf and Dieter Schmersau. Positivity and monotony properties of the de Branges functions. *Journal of Computational and Applied Mathematics*, 173(2): 279–294, January 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704001578>.

[KS07a]

Kaipio:2007:SIP

Jari Kaipio and Erkki Somersalo. Statistical inverse problems: Discretization, model reduction and inverse crimes. *Journal of Computational and Applied Mathematics*, 198(2):493–504, January 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007296>.

- [KS07b] **Karageorghis:2007:MDM** Andreas Karageorghis and Yiorgos-Sokratis Smyrlis. Matrix decomposition MFS algorithms for elasticity and thermo-elasticity problems in axisymmetric domains. *Journal of Computational and Applied Mathematics*, 206(2):774–795, September 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005218>.
- [KS07c] **Karp:2007:AAF** D. Karp and S. M. Sitnik. Asymptotic approximations for the first incomplete elliptic integral near logarithmic singularity. *Journal of Computational and Applied Mathematics*, 205(1):186–206, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002822>.
- [KS07d] **Kikuchi:2007:RPE** Fumio Kikuchi and Hironobu Saito. Remarks on a posteriori error estimation for finite element solutions. *Journal of Computational and Applied Mathematics*, 199(2):329–336, February 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007685>.
- [KS07e] **Kress:2007:HMS** Rainer Kress and Pedro Serranho. A hybrid method for sound-hard obstacle reconstruction. *Journal of Computational and Applied Mathematics*, 204(2):418–427, July 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003694>.
- Kubo:2007:MMT** Akisato Kubo and Takashi Suzuki. Mathematical models of tumour angiogenesis. *Journal of Computational and Applied Mathematics*, 204(1):48–55, July 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600238X>.
- [KS09] **Kim:2009:ATC** Mi-Young Kim and Tsendauysh Selenge. Age-time continuous Galerkin methods for a model of population dynamics. *Journal of Computational and Applied Mathematics*, 223(2):659–671, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000575>.
- [KSE09] **Koshigoe:2009:DAF** H. Koshigoe, T. Shiraiishi, and M. Ehara. Distribu-

- tion algorithm in finite difference method and its application to a 2D simulation of temperature inversion. *Journal of Computational and Applied Mathematics*, 232(1):102–108, October 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005499>. **Kuijlaars:2007:TIH**
- [KSS07a] D. Karp, A. Savenkova, and S. M. Sitnik. Series expansions for the third incomplete elliptic integral via partial fraction decompositions. *Journal of Computational and Applied Mathematics*, 207(2):331–337, October 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006108>. **Karp:2007:SET**
- [KSS07b] A. B. J. Kuijlaars, E. B. Saff, and X. Sun. On separation of minimal Riesz energy points on spheres in Euclidean spaces. *Journal of Computational and Applied Mathematics*, 199(1):172–180, February 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500748X>. **Kuijlaars:2007:SMR**
- [KSVW07] A. B. J. Kuijlaars, H. Stahl, W. Van Assche, and F. Wienon-sky. Type II Hermite–Padé approximation to the exponential function. *Journal of Computational and Applied Mathematics*, 207(2):227–244, October 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005978>. **Kilic:2007:FRB**
- [KT07a] Emrah Kilic and Dursun Tasci. Factorizations and representations of the backward second-order linear recurrences. *Journal of Computational and Applied Mathematics*, 201(1):182–197, April 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000975>. **Koulaei:2007:CBI**
- [KT07b] M. H. Koulaei and F. Toutounian. On computing of block ILU preconditioner for block tridiagonal systems. *Journal of Computational and Applied Mathematics*, 202(2):248–257, May 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001269>.

- [KT09] **Kuijlaars:2009:ABR**
 A. B. J. Kuijlaars and P. M. J. Tibboel. The asymptotic behaviour of recurrence coefficients for orthogonal polynomials with varying exponential weights. *Journal of Computational and Applied Mathematics*, 233(3): 775–785, December 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001253>.
- [Kul09] **Kulikov:2009:QCI**
 G. Yu. Kulikov. On quasi-consistent integration by Nordsieck methods. *Journal of Computational and Applied Mathematics*, 225(1):268–287, March 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003683>.
- [KTH08] **Khater:2008:CSC**
 A. H. Khater, R. S. Temsah, and M. M. Hassan. A Chebyshev spectral collocation method for solving Burgers'-type equations. *Journal of Computational and Applied Mathematics*, 222(2):333–350, December 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707006024>.
- [Kuz08] **Kuzmin:2008:DAF**
 Dmitri Kuzmin. On the design of algebraic flux correction schemes for quadratic finite elements. *Journal of Computational and Applied Mathematics*, 218(1): 79–87, August 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003299>.
- [KTM09] **Kuang:2009:ANS**
 Jiaoxun Kuang, Hongjiong Tian, and Taketomo Mitsui. Asymptotic and numerical stability of systems of neutral differential equations with many delays. *Journal of Computational and Applied Mathematics*, 223(2): 614–625, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800054X>.
- [KV05] **Kostic:2005:RRE**
 Aleksandra Kostić and Heinrich Voss. Recurrence relations for the even and odd characteristic polynomials of a symmetric Toeplitz matrix. *Journal of Computational and Applied Mathematics*, 173(2):365–369, January 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800054X>.

- [//www.sciencedirect.com/science/article/pii/S0377042704001724](http://www.sciencedirect.com/science/article/pii/S0377042704001724) (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000260>
- [KV07] Miglena Koleva and Lubin Vulkov. Blow-up of continuous and semidiscrete solutions to elliptic equations with semilinear dynamical boundary conditions of parabolic type. *Journal of Computational and Applied Mathematics*, 202(2):414–434, May 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600149X>
- [KVK08] Abdul Q. M. Khaliq, David A. Voss, and Kamran Kazmi. Adaptive θ -methods for pricing American options. *Journal of Computational and Applied Mathematics*, 222(1):210–227, December 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005584>
- [KV09a] Jernej Kozak and Vito Vitrih. Newton–Cotes cubature rules over $(d + 1)$ -pencil lattices. *Journal of Computational and Applied Mathematics*, 231(1):392–402, September 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001848>
- [KV09b] Axel Kröner and Boris Vexler. A priori error estimates for elliptic optimal control problems with a bilinear state equation. *Journal of Computational and Applied Mathematics*, 230(2):781–802, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005632>
- [KW07] Valeriy R. Korostyshevskiy and Thomas Wanner. A Hermite spectral method for the computation of homoclinic orbits and associated functionals. *Journal of Computational and Applied Mathematics*, 206(2):986–1006, September 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005632>
- [KW09] Weibin Kong and Xionghua Wu. Chebyshev tau matrix method for Poisson-type equations in irregular domain. *Journal of Computational and Applied Mathematics*, 228(1):158–167, June 1, 2009. CODEN JCAMDI.

ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004585> ■

Kuznetsov:2006:BPP

[KY06]

E. B. Kuznetsov and A. Yu. Yakimovich. The best parameterization for parametric interpolation. *Journal of Computational and Applied Mathematics*, 191(2):239–245, July 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005522> ■

Knowles:2007:RGP

[KY07]

Ian Knowles and Aimin Yan. The reconstruction of groundwater parameters from head data in an unconfined aquifer. *Journal of Computational and Applied Mathematics*, 208(1):72–81, November 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006273> ■

Kanzow:2005:ELM

[KYF05a]

Christian Kanzow, Nobuo Yamashita, and Masao Fukushima. Erratum to “Levenberg–Marquardt methods with strong local convergence properties for solving nonlinear equations with convex constraints”: [J. Comput. Appl. Math. **173** (2005) 321–343]. *Journal of Compu-*

tational and Applied Mathematics, 177(2):241, May 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704006417> ■
See [KYF05b].

Kanzow:2005:WLM

[KYF05b]

Christian Kanzow, Nobuo Yamashita, and Masao Fukushima. WITHDRAWN: Levenberg–Marquardt methods with strong local convergence properties for solving nonlinear equations with convex constraints. *Journal of Computational and Applied Mathematics*, 173(2):321–343, January 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704001645> ■
See [KYF05a].

Larsson:2008:MDO

Elisabeth Larsson, Kristofer Åhlander, and Andreas Hall. Multi-dimensional option pricing using radial basis functions and the generalized Fourier transform. *Journal of Computational and Applied Mathematics*, 222(1):175–192, December 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005560> ■

Lai:2009:DPS

- [Lai09a] Shaoyong Lai. Different physical structures of solutions for a generalized Boussinesq wave equation. *Journal of Computational and Applied Mathematics*, 231(1): 311–318, September 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270900096X>.

Lai:2009:AMC

- [Lai09b] Yongzeng Lai. Adaptive Monte Carlo methods for matrix equations with applications. *Journal of Computational and Applied Mathematics*, 231(2): 705–714, September 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002702>.

Lang:2005:ACB

- [Lan05] Jens Lang. Adaptive computation for boundary control of radiative heat transfer in glass. *Journal of Computational and Applied Mathematics*, 183(2):312–326, November 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000683>.

Lan:2006:MES

- [Lan06] K. Q. Lan. Multiple eigenvalues for singular Hammerstein integral equations with applications to boundary value problems. *Journal of Computational and Applied Mathematics*, 189(1–2):109–119, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001354>.

Landsman:2008:MRQb

- [Lan08a] Zinoviy Landsman. Minimization of the root of a quadratic functional under a system of affine equality constraints with application to portfolio management. *Journal of Computational and Applied Mathematics*, 220(1–2): 739–748, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005122>.

Landsman:2008:MRQa

- [Lan08b] Zinoviy Landsman. Minimization of the root of a quadratic functional under an affine equality constraint. *Journal of Computational and Applied Mathematics*, 216(2):319–327, July 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000683>.

- Lopez:2007:FOS**
- J. A. López and M. Barreda. A formulation to obtain semi-analytical planetary theories using true anomalies as temporal variables. *Journal of Computational and Applied Mathematics*, 204(1):77–83, July 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002408>
- Liu:2009:NOC**
- Lihua Liu and Yuzhen Bai. New oscillation criteria for second-order nonlinear neutral delay differential equations. *Journal of Computational and Applied Mathematics*, 231(2):657–663, September 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002659>
See erratum [LB10].
- Liu:2010:ENO**
- Lihua Liu and Yuzhen Bai. Erratum to: “New oscillation criteria for second-order nonlinear neutral delay differential equations” [J. Comput. Appl. Math. **231** (2009) 657–663]. *Journal of Computational and Applied Mathematics*, 233(10):2755, March 15, 2010. CODEN JCAMDI.
- Lara:2008:OSR**
- [Lar08] Luis Lara. One-step recursive method for solving systems of differential equations. *Journal of Computational and Applied Mathematics*, 216(1):210–216, June 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002294>
- Laschet:2008:FLD**
- [Las08] Gottfried Laschet. Forchheimer law derived by homogenization of gas flow in turbomachines. *Journal of Computational and Applied Mathematics*, 215(2):467–476, June 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007576>
- Lasser:2009:VAP**
- [Las09] R. Lasser. Various amenability properties of the L^1 -algebra of polynomial hypergroups and applications. *Journal of Computational and Applied Mathematics*, 233(3):786–792, December 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001265>
- Laschet:2008:FLD**
- [LB09] Gottfried Laschet. Forchheimer law derived by homogenization of gas flow in turbomachines. *Journal of Computational and Applied Mathematics*, 215(2):467–476, June 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007576>
- Lara:2008:OSR**
- [LB07] Luis Lara. One-step recursive method for solving systems of differential equations. *Journal of Computational and Applied Mathematics*, 216(1):210–216, June 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002294>
- Lopez:2007:FOS**
- J. A. López and M. Barreda. A formulation to obtain semi-analytical planetary theories using true anomalies as temporal variables. *Journal of Computational and Applied Mathematics*, 204(1):77–83, July 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002408>

- ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.math.utah.edu/pub/tex/bib/jcomputapplmath2005>; <http://www.sciencedirect.com/science/article/pii/S0377042709007717>. See [LB09].
- [LBS09] Yung-Ta Li, Zhaojun Bai, and Yangfeng Su. A two-directional Arnoldi process and its application to parametric model order reduction. *Journal of Computational and Applied Mathematics*, 226(1):10–21, April 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002173>. **Li:2009:TDA** [LC08a]
- [LC06a] Jing-Wen Li and Sui Sun Cheng. Globally attractive periodic solution of a perturbed functional differential equation. *Journal of Computational and Applied Mathematics*, 193(2):652–657, September 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004371>. **Li:2006:GAP** [LC08b]
- [LC06b] Zhijun Liu and Lansun Chen. Positive periodic solution of a general discrete non-autonomous difference system of plankton allelopathy with delays. *Journal of Computational and Applied Mathematics*, 197(2):446–456, December 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006928>. **Lai:2008:EFS**
- [LC08c] K.-L. Lai and J. L. Crassidis. Extensions of the first and second complex-step derivative approximations. *Journal of Computational and Applied Mathematics*, 219(1):276–293, September 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004086>. **Lou:2008:SNN**
- [LC08c] Xuyang Lou and Baotong Cui. Synchronization of neural networks based on parameter identification and via output or state coupling. *Journal of Computational and Applied Mathematics*, 222(2):440–457, December 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707006218>. **Lu:2008:FSD**
- [LC08c] Tiao Lu and Wei Cai. A

- Fourier spectral-discontinuous Galerkin method for time-dependent 3-D Schrödinger–Poisson equations with discontinuous potentials. *Journal of Computational and Applied Mathematics*, 220(1–2): 588–614, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700489X>. [LCA07]
- Li:2009:EPC**
- [LC09a] Zhong Li and Fengde Chen. Extinction in periodic competitive stage-structured Lotka–Volterra model with the effects of toxic substances. *Journal of Computational and Applied Mathematics*, 231(1):143–153, September 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270900048X>. [LCH07]
- Liu:2009:ENP**
- [LC09b] Qingbing Liu and Guoliang Chen. Erratum to: “A note on the preconditioned Gauss–Seidel method for M -matrices” [J. Comput. Appl. Math. **219** (1) (2008) 59–71]. *Journal of Computational and Applied Mathematics*, 228(1):498–502, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007879>. [LCH09]
- Lin:2007:GAE**
- Lai-Jiu Lin, Li-Fang Chen, and Qamrul Hasan Ansari. Generalized abstract economy and systems of generalized vector quasi-equilibrium problems. *Journal of Computational and Applied Mathematics*, 208(2):341–353, November 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005875>. [LCH09]
- Li:2007:ECN**
- Zi-Cai Li, Cheng-Sheng Chien, and Hung-Tsai Huang. Effective condition number for finite difference method. *Journal of Computational and Applied Mathematics*, 198(1):208–235, January 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007879>. [LCH09]
- Li:2009:PPD**
- Zuxiong Li, Lansun Chen, and Jianmin Huang. Permanence and periodicity of a delayed ratio-dependent predator–prey model with Holling type functional response and stage structure. *Journal of Computational and Applied Mathematics*,

- 233(2):173–187, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004063>. **Lee:2006:NSE**
- [LCKK06] Chong Hyun Lee, Jae Sang Cha, Kyungsup Kwak, and Jae Moung Kim. Numerically stable and efficient algorithm for vector channel parameter and frequency offset estimation. *Journal of Computational and Applied Mathematics*, 191(2):179–193, July 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005479>. **Li:2008:STF**
- [LCYZ08] Jinglu Li, C. B. Clemons, G. W. Young, and J. Zhu. Solutions of two-factor models with variable interest rates. *Journal of Computational and Applied Mathematics*, 222(1):30–41, December 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700547X>. **Liu:2008:DPP**
- [LCZ⁺08] Xu-Zheng Liu, Xia Cui, Guo-Qin Zheng, Jun-Hai Yong, and Jia-Guang Sun. Dynamic PDE parametric curves. *Journal of Computational and Applied Mathematics*, 220(1–2):322–334, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004530>. **Liu:2009:MAH**
- [LCZ09] Xiao-Qi Liu, Li-Qun Cao, and Qi-Ding Zhu. Multiscale algorithm with high accuracy for the elastic equations in three-dimensional honeycomb structures. *Journal of Computational and Applied Mathematics*, 233(4):905–921, December 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004701>. **Long:2006:NPE**
- [LD06] Nguyen Thanh Long and Alain Pham Ngoc Dinh. On a nonlinear parabolic equation involving Bessel’s operator associated with a mixed inhomogeneous condition. *Journal of Computational and Applied Mathematics*, 196(1):267–284, November 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005637>. **Li:2008:EPP**
- [LD08] Jingwen Li and Chaoxiong Du. Existence of posi-

- tive periodic solutions for a generalized Nicholson's blowflies model. *Journal of Computational and Applied Mathematics*, 221(1): 226–233, November 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005912>. **Liao:2009:DNM** [Lew06]
- [LDM09] Wenyuan Liao, Mehdi Dehghan, and Akbar Mohebbi. Direct numerical method for an inverse problem of a parabolic partial differential equation. *Journal of Computational and Applied Mathematics*, 232(2): 351–360, October 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003628>. **Liao:2009:DNM** [Lew06]
- [Lei08a] Yutian Lei. Limiting properties of the second order Ginzburg–Landau minimizers. *Journal of Computational and Applied Mathematics*, 214(2):596–609, May 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001574>. **Lei:2008:LPS** [LF07a]
- [Lei08b] Yutian Lei. Some results on an n -Ginzburg–Landau-type minimizer. *Journal of Computational and Applied Mathematics*, 217(1):123–136, July 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003421>. **Lewandowski:2006:MMS**
- Jerome L. V. Lewandowski. Marker method for the solution of nonlinear diffusion equations. *Journal of Computational and Applied Mathematics*, 196(2): 523–539, November 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006126>. **Lewandowski:2006:MMS**
- [Li:2007:EGA] Wan-Tong Li and Yong-Hong Fan. Existence and global attractivity of positive periodic solutions for the impulsive delay Nicholson's blowflies model. *Journal of Computational and Applied Mathematics*, 201(1):55–68, April 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000781>. **Li:2007:EGA**
- [Liu:2007:IEP] Zhongyun Liu and Heike Faßbender. An inverse eigenvalue problem and an asso-

- ciated approximation problem for generalized K -centrohermitian matrices. *Journal of Computational and Applied Mathematics*, 206(1):578–585, September 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005061> **Liu:2008:SPG**
- [LF08] Zhongyun Liu and H. Faßbender. Some properties of generalized K -centrosymmetric H -matrices. *Journal of Computational and Applied Mathematics*, 215(1):38–48, May 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001732> **Li:2009:SUE**
- [LFHW09] Zi-Cai Li, Qing Fang, Hung-Tsai Huang, and Yimin Wei. On solution uniqueness of elliptic boundary value problems. *Journal of Computational and Applied Mathematics*, 233(2):293–307, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004191> **Li:2008:SOC**
- [LFS08] An Li, Enmin Feng, and Xuelian Sun. Stochastic optimal control and algorithm of the trajectory of horizontal wells. *Journal of Computational and Applied Mathematics*, 212(2):419–430, March 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007862> **Li:2009:IOC**
- [LFW09] An Li, Enmin Feng, and Lei Wang. Impulsive optimal control model for the trajectory of horizontal wells. *Journal of Computational and Applied Mathematics*, 223(2):893–900, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001015> **Lee:2007:SOA**
- [LG07] Steven L. Lee and C. William Gear. Second-order accurate projective integrators for multiscale problems. *Journal of Computational and Applied Mathematics*, 201(1):258–274, April 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600104X> **Liu:2009:CCD**
- [LGYH09] Bingwen Liu, Shuhua Gong, Xuejun Yi, and Lihong Huang. Convergence for a

class of delayed recurrent neural networks without M -matrix condition. *Journal of Computational and Applied Mathematics*, 233(2): 137–141, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004014>. ■

Li:2005:GAP

[LH05a] Wan-Tong Li and Hai-Feng Huo. Global attractivity of positive periodic solutions for an impulsive delay periodic model of respiratory dynamics. *Journal of Computational and Applied Mathematics*, 174(2):227–238, February 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704001918>. ■

Li:2005:PPS

[LH05b] Wan-Tong Li and Hai-Feng Huo. Positive periodic solutions of delay difference equations and applications in population dynamics. *Journal of Computational and Applied Mathematics*, 176(2): 357–369, April 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003425>. ■

Liu:2007:NRA

Bingwen Liu and Lihong Huang. New results of almost periodic solutions for recurrent neural networks. *Journal of Computational and Applied Mathematics*, 206(1): 293–305, September 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600450X>. ■

Liu:2007:EBU

[LH07b] Fu-Ti Liu and Ting-Zhu Huang. An error bound for the USAOR method. *Journal of Computational and Applied Mathematics*, 205(1): 608–616, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003438>. ■

Li:2008:SFEa

Jian Li and Yinnian He. A stabilized finite element method based on two local Gauss integrations for the Stokes equations. *Journal of Computational and Applied Mathematics*, 214(1):58–65, April 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000829>. ■

Li:2008:NRP

- [LH08b] Yaqiong Li and Lihong Huang. New results of periodic solutions for forced Rayleigh-type equations. *Journal of Computational and Applied Mathematics*, 221(1): 98–105, November 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005274>. [LHL09]

Lin:2009:NEN

- Qun Lin, Hung-Tsai Huang, and Zi-Cai Li. New expansions of numerical eigenvalues by Wilson's element. *Journal of Computational and Applied Mathematics*, 225(1):213–226, March 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003646>.

Li:2009:AGV

- [LH09] Fenglian Li and Yiran He. An algorithm for generalized variational inequality with pseudomonotone mapping. *Journal of Computational and Applied Mathematics*, 228(1):212–218, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004676>. [LHL11]

Lv:2011:EHl

- Xiao-Guang Lv, T. Z. Huang, and Liang Li. Erratum to: "On the HSS iteration methods for positive definite Toeplitz linear systems" [*J. Comput. Appl. Math.* **224** (2009) 709–718]. *Journal of Computational and Applied Mathematics*, 235(9): 3112–3114, March 1, 2011. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042710006369>. See [GT09].

Liu:2006:SIE

- [LHL06] Jianzhou Liu, Yunqing Huang, and Anping Liao. Some inequalities for eigenvalues of Schur complements of Hermitian matrices. *Journal of Computational and Applied Mathematics*, 196(2): 439–451, November 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500587X>. [LHM05]

Li:2005:SND

- Wei Nian Li, Maoan Han, and Fan Wei Meng. Some new delay integral inequalities and their applications. *Journal of Computational and Applied Mathematics*, 180(1): 191–200, August 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778

- (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005060>. Lv:2009:NAL
- [LHR09] Xiao-Guang Lv, Ting-Zhu Huang, and Zhi-Gang Ren. A new algorithm for linear systems of the Pascal type. *Journal of Computational and Applied Mathematics*, 225(1):309–315, March 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003828>. Li:2007:RKT
- [LHW07] L. Li, B. Han, and W. Wang. R–K type Landweber method for nonlinear ill-posed problems. *Journal of Computational and Applied Mathematics*, 206(1):341–357, September 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004729>. Lv:2008:PFM
- [LHW08] Yibing Lv, Tiesong Hu, and Zhongping Wan. A penalty function method for solving inverse optimal value problem. *Journal of Computational and Applied Mathematics*, 220(1–2):175–180, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004347>. Li:2005:GED
- [Li05a] Jianping Li. General explicit difference formulas for numerical differentiation. *Journal of Computational and Applied Mathematics*, 183(1):29–52, November 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704006454>. Li:2005:FOS
- [Li05b] Wei Nian Li. On the forced oscillation of solutions for systems of impulsive parabolic differential equations with several delays. *Journal of Computational and Applied Mathematics*, 181(1):46–57, September 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005485>. Li:2005:CRS
- [Li05c] Wen Li. Comparison results for solving preconditioned linear systems. *Journal of Computational and Applied Mathematics*, 176(2):319–329, April 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005485>.

- [Li05d] [//www.sciencedirect.com/science/article/pii/S0377042704003401](http://www.sciencedirect.com/science/article/pii/S0377042704003401) **Li:2005:NPG** [Li07a]
Wen Li. A note on the preconditioned Gauss–Seidel (GS) method for linear systems. *Journal of Computational and Applied Mathematics*, 182(1):81–90, October 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704006028> **Li:2007:EAM**
- [Li06a] Jichun Li. Error analysis of finite element methods for 3-D Maxwell’s equations in dispersive media. *Journal of Computational and Applied Mathematics*, 188(1):107–120, April 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001676> **Li:2006:EAF** [Li07b]
- [Li06b] Xin Li. On solving boundary value problems of modified Helmholtz equations by plane wave functions. *Journal of Computational and Applied Mathematics*, 195(1–2):66–82, October 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004735> **Li:2006:SBV** [Li09a]
- Zi-Cai Li. Error analysis of the Trefftz method for solving Laplace’s eigenvalue problems. *Journal of Computational and Applied Mathematics*, 200(1):231–254, March 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705008095> **Li:2007:EAT**
- Wen Li. Multiplicative perturbation bounds for spectral and singular value decompositions. *Journal of Computational and Applied Mathematics*, 217(1):243–251, July 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003536> **Li:2008:MPB**
- Jian-Lin Li. Adomian’s decomposition method and ho-

motopy perturbation method in solving nonlinear equations. *Journal of Computational and Applied Mathematics*, 228(1):168–173, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004597> [Lig09]

Li:2009:SBC

[Li09b] Xiantao Li. On the stability of boundary conditions for molecular dynamics. *Journal of Computational and Applied Mathematics*, 231(2):493–505, September 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002209> [Lin05]

Li:2009:MFS

[Li09c] Zi-Cai Li. The method of fundamental solutions for annular shaped domains. *Journal of Computational and Applied Mathematics*, 228(1):355–372, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005037> [Lin07]

Liao:2005:CNP

[Lia05] Shi-Jun Liao. A challenging nonlinear problem for numerical techniques. *Journal of Computational and Applied Mathematics*, 181(2):

467–472, September 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005989>

Ligomenides:2009:RM

Panos A. Ligomenides. The reality of mathematics. *Journal of Computational and Applied Mathematics*, 227(1):10–16, May 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003257>

Linss:2005:SSP

Torsten Linß. On a set of singularly perturbed convection–diffusion equations. *Journal of Computational and Applied Mathematics*, 180(1):173–179, August 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005047>

Linden:2007:SGB

Hansjörg Linden. Scaled generalized Bernstein polynomials and containment regions for the zeros of polynomials. *Journal of Computational and Applied Mathematics*, 206(1):216–228, September 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000000>

- [//www.sciencedirect.com/science/article/pii/S0377042706004365](http://www.sciencedirect.com/science/article/pii/S0377042706004365) [Liu05] **Liu:2005:GCA**
- [Lin08] Zhi Lin. An algorithm of evolutionarily stable strategies for the single-population evolutionary game. *Journal of Computational and Applied Mathematics*, 217(1):157–165, July 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003457> [Liu06] **Lin:2008:AES**
- [Lin09a] Fuming Lin. The asymptotic behavior of quadratic forms in ϕ -mixing random variables. *Journal of Computational and Applied Mathematics*, 233(2):437–448, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004476> [Liu07] **Lin:2009:ABQ**
- [Lin09b] Yi-Kuei Lin. Time version of the shortest path problem in a stochastic-flow network. *Journal of Computational and Applied Mathematics*, 228(1):150–157, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004573> **Lin:2009:TVS**
- Xin-Wei Liu. Global convergence on an active set SQP for inequality constrained optimization. *Journal of Computational and Applied Mathematics*, 180(1):201–211, August 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005072> **Liu:2006:UBO**
- Xiaoyan Liu. Univariate and bivariate orthonormal splines and cardinal splines on compact supports. *Journal of Computational and Applied Mathematics*, 195(1–2):93–105, October 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004772> **Liu:2007:APS**
- Bingwen Liu. Almost periodic solutions for shunting inhibitory cellular neural networks without global Lipschitz activation functions. *Journal of Computational and Applied Mathematics*, 203(1):159–168, June 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001804>

- [Liu08a] Liu:2008:PSL Bingwen Liu. Periodic solutions for Liénard type p -Laplacian equation with a deviating argument. *Journal of Computational and Applied Mathematics*, 214(1):13–18, April 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000775>. [Liu09b]
- [Liu08b] Liu:2008:SLB Yuji Liu. On Sturm–Liouville boundary value problems for second-order nonlinear functional finite difference equations. *Journal of Computational and Applied Mathematics*, 216(2):523–533, July 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S03770427070002920>. [Liu09c]
- [Liu09a] Liu:2009:APL Bingwen Liu. An anti-periodic LaSalle oscillation theorem for a class of functional differential equations. *Journal of Computational and Applied Mathematics*, 223(2):1081–1086, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001477>. [Liu:2009:GSC]
- Liu:2009:GSC Bingwen Liu. Global stability of a class of delay differential systems. *Journal of Computational and Applied Mathematics*, 233(2):217–223, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004129>. [Liu:2009:OCN]
- Liu:2009:OCN Chongyang Liu. Optimal control for nonlinear dynamical system of microbial fed-batch culture. *Journal of Computational and Applied Mathematics*, 232(2):252–261, October 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003483>. [Liu:2009:PBV]
- Liu:2009:PBV Yansheng Liu. Periodic boundary value problems for first order functional differential equations with impulse. *Journal of Computational and Applied Mathematics*, 223(1):27–39, January 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707006553>. [Lu:2009:EPS]
- Lu:2009:EPS Shiping Lu and Shan Jin. Existence of periodic solutions

for a fourth-order p -Laplacian equation with a deviating argument. *Journal of Computational and Applied Mathematics*, 230(2):513–520, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708006481> ■

Lin:2006:EUS

[LJL06]

Xiaoning Lin, Daqing Jiang, and Xiaoyue Li. Existence and uniqueness of solutions for singular fourth-order boundary value problems. *Journal of Computational and Applied Mathematics*, 196(1):155–161, November 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005339> ■

Li:2009:PDB

[LJM09]

Xiaoyue Li, Daqing Jiang, and Xuerong Mao. Population dynamical behavior of Lotka–Volterra system under regime switching. *Journal of Computational and Applied Mathematics*, 232(2):427–448, October 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003768> ■

Li:2009:CNS

[LkLkP09]

Ronghua Li, Ping kei Leung,

and Wan kai Pang. Convergence of numerical solutions to stochastic age-dependent population equations with Markovian switching. *Journal of Computational and Applied Mathematics*, 233(4):1046–1055, December 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709006128> ■

Lima:2006:ANI

[LKSC06]

P. M. Lima, N. B. Konyukhova, A. I. Sukov, and N. V. Chemetov. Analytical-numerical investigation of bubble-type solutions of nonlinear singular problems. *Journal of Computational and Applied Mathematics*, 189(1–2):260–273, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003304> ■

Landau:2001:AEB

[LL01]

L. J. Landau and N. J. Luswili. Asymptotic expansion of a Bessel function integral using hypergeometric functions. *Journal of Computational and Applied Mathematics*, 132(2):387–397, July 15, 2001. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/>

science/article/pii/S0377042700004416. [//www.sciencedirect.com/science/article/pii/S0377042706000914](http://www.sciencedirect.com/science/article/pii/S0377042706000914).
See comments [Sto05b].

LeRoux:2005:NSN

[LL05]

Alain-Yves Le Roux and Marie-Noelle Le Roux. Numerical solution of a nonlinear reaction diffusion equation. *Journal of Computational and Applied Mathematics*, 173(2):211–237, January 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704001530>.

[LL07b]

Luo:2007:SAL

Yong Luo and Zhengyi Lu. Stability analysis for Lotka–Volterra systems based on an algorithm of real root isolation. *Journal of Computational and Applied Mathematics*, 201(2):367–373, April 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000896>.

Luo:2006:CMP

[LL06]

Xiaonan Luo and Huimin Luo. A computing model of pressure distribution from tight underwear. *Journal of Computational and Applied Mathematics*, 195(1–2):106–112, October 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004784>.

[LL08]

LeRoux:2008:NSC

Alain-Yves Le Roux and Marie-Noelle Le Roux. Numerical solution of a Cauchy problem for nonlinear reaction diffusion processes. *Journal of Computational and Applied Mathematics*, 214(1):90–110, April 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000878>.

Liu:2007:PGS

[LL07a]

Shengqiang Liu and Zhuojun Liu. Permanence of general stage-structured consumer-resource models. *Journal of Computational and Applied Mathematics*, 201(2):381–388, April 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000896>.

[LLC08]

Luo:2008:SBS

Zhongxuan Luo, Yu Liu, and Lijuan Chen. On structure of bivariate spline space of lower degree over arbitrary triangulation. *Journal of Computational and Applied Mathematics*, 220(1–2):34–50, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000878>.

- [//www.sciencedirect.com/science/article/pii/S0377042707004141](http://www.sciencedirect.com/science/article/pii/S0377042707004141)
- [LLD09] Chong-Jun Li, Paola Lamberti, and Catterina Dagnino. Numerical integration over polygons using an eight-node quadrilateral spline finite element. *Journal of Computational and Applied Mathematics*, 233(2):279–292, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270900418X>.
- [LLPZ08] Li:2009:NIP
- [LLS09] Ming-Chih Lai, Zhilin Li, and Xiaobiao Lin. Fast solvers for 3D Poisson equations involving interfaces in a finite or the infinite domain. *Journal of Computational and Applied Mathematics*, 191(1):106–125, June 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002657>.
- [LLM08] Leconte:2008:THT
- [LLT07] Nicolas Leconte, Bertrand Langrand, and Eric Markiewicz. Toward a hybrid-Trefftz element with a hole for elastoplasticity? *Journal of Computational and Applied Mathematics*, 218(1):88–95, August 15, 2008. CO-
- DEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003305>.
- Li:2008:TLS
- [LLPZ08] Chen liang Li and Jin ping Zeng. Two-level Schwarz method for solving variational inequality with nonlinear source terms. *Journal of Computational and Applied Mathematics*, 211(1):67–75, January 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006960>.
- Lan:2009:MFM
- [LLS09] Yan-Fei Lan, Yan-Kui Liu, and Gao-Ji Sun. Modeling fuzzy multi-period production planning and sourcing problem with credibility service levels. *Journal of Computational and Applied Mathematics*, 231(1):208–221, September 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000545>.
- Lu:2007:FSA
- [LLT07] Shujuan Lü, Qishao Lu, and E. H. Twizell. Fourier spectral approximation to long-time behaviour of the derivative three-dimensional

Ginzburg–Landau equation. *Journal of Computational and Applied Mathematics*, 198(1):167–186, January 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007326> ■

Liu:2009:NSP

[LLW09]

Lishan Liu, Bingmei Liu, and Yonghong Wu. Non-trivial solutions of m -point boundary value problems for singular second-order differential equations with a sign-changing nonlinear term. *Journal of Computational and Applied Mathematics*, 224(1):373–382, February 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002434> ■

Li:2008:SRR

[LLZ08]

Bingyu Li, Zhuojun Liu, and Lihong Zhi. A structured rank-revealing method for Sylvester matrix. *Journal of Computational and Applied Mathematics*, 213(1):212–223, March 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000271> ■

Liu:2009:LSA

[LLZ09]

Hanze Liu, Jibin Li, and

Quanxin Zhang. Lie symmetry analysis and exact explicit solutions for general Burgers' equation. *Journal of Computational and Applied Mathematics*, 228(1):1–9, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003130> ■

Li:2007:FDS

[LLzS07]

Fu le Li and Zhi zhong Sun. A finite difference scheme for solving the Timoshenko beam equations with boundary feedback. *Journal of Computational and Applied Mathematics*, 200(2):606–627, March 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000392> ■

Li:2006:OSO

[LLZY06]

Qiaoluan Li, Haiyan Liang, Zhenguo Zhang, and Yuanhong Yu. Oscillation of second order self-conjugate differential equation with impulses. *Journal of Computational and Applied Mathematics*, 197(1):78–88, December 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500645X> ■

Lazzaro:2007:EPW

[LM07a]

D. Lazzaro and L. B. Montefusco. Edge-preserving wavelet thresholding for image denoising. *Journal of Computational and Applied Mathematics*, 210(1–2):222–231, December 31, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006649>.

Lima:2009:ANI

[LM09a]

P. M. Lima and L. Morgado. Analytical-numerical investigation of a singular boundary value problem for a generalized Emden–Fowler equation. *Journal of Computational and Applied Mathematics*, 229(2):480–487, July 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001684>.

Luo:2007:CFS

[LM07b]

Zhongxuan Luo and Zhaoliang Meng. Cubature formulas over the n -sphere. *Journal of Computational and Applied Mathematics*, 202(2):511–522, May 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001580>.

Liu:2009:OCS

[LM09b]

Haidong Liu and Fanwei Meng. Oscillation criteria for second order linear matrix differential systems with damping. *Journal of Computational and Applied Mathematics*, 229(1):222–229, July 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800558X>.

Liu:2008:RDO

[LM08]

Hui Liu and Siliang Ma. R–D optimized tree-structured compression algorithms with discrete directional wavelet transform. *Journal of Computational and Applied Mathematics*, 219(1):302–311, September 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004116>.

Lin:2009:TRD

[LmLgF09]

Chang Lin, Mai mai Lin, and Wei gui Feng. Theoretical results of the dust acoustic waves in a magnetized dusty plasma with different dust particles. *Journal of Computational and Applied Mathematics*, 231(1):262–267, September 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800558X>.

[//www.sciencedirect.com/science/article/pii/S0377042709000600](http://www.sciencedirect.com/science/article/pii/S0377042709000600)

Lebbah:2007:ESF

- [LMR07] Yahia Lebbah, Claude Michel, and Michel Rueher. An efficient and safe framework for solving optimization problems. *Journal of Computational and Applied Mathematics*, 199(2):372–377, February 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007740>

Lamnii:2008:RCH

- [LMS08a] A. Lamnii, H. Mraoui, and D. Sbilih. Recursive computation of Hermite spherical spline interpolants. *Journal of Computational and Applied Mathematics*, 213(2):439–453, April 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000428>

Lyche:2008:QIP

- [LMS08b] Tom Lyche, Carla Manni, and Paul Sablonnière. Quasi-interpolation projectors for box splines. *Journal of Computational and Applied Mathematics*, 221(2):416–429, November 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000428>

[//www.sciencedirect.com/science/article/pii/S0377042707005730](http://www.sciencedirect.com/science/article/pii/S0377042707005730)

Li:2008:IGT

- [LmY08] Min Li and Xiao ming Yuan. An improved Goldstein’s type method for a class of variant variational inequalities. *Journal of Computational and Applied Mathematics*, 214(1):304–312, April 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001288>

Li:2008:ECB

- [LMZ08] Yaqiong Li, Hua Meng, and Qiyuan Zhou. Exponential convergence behavior of shunting inhibitory cellular neural networks with time-varying coefficients. *Journal of Computational and Applied Mathematics*, 216(1):164–169, June 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002269>

Li:2007:SNS

- [LmZbL07] Hong Li, Shou ming Zhong, and Hou biao Li. Some new simple stability criteria of linear neutral systems with a single delay. *Journal of Computational and Applied Mathematics*, 200(1):441–447, March 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic).

- 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000264>. ■
- [LN07a] **Lafitte:2007:HFN**
Olivier Lafitte and Youness Noumir. High frequency and numerical Eulerian methods for aeroacoustic problems. *Journal of Computational and Applied Mathematics*, 204(2):537–548, July 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003797>. ■
- [LN07b] **Lohrengel:2007:DGM**
Stephanie Lohrengel and Serge Nicaise. A discontinuous Galerkin method on refined meshes for the two-dimensional time-harmonic Maxwell equations in composite materials. *Journal of Computational and Applied Mathematics*, 206(1):27–54, September 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003487>. ■
- [LN09] **Li:2009:AMS**
Hengguang Li and Victor Nistor. Analysis of a modified Schrödinger operator in 2D: Regularity, index, and FEM. *Journal of Computational and Applied Mathematics*, 224(1):320–338, February 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002112>. ■
- [LNL09] **Lu:2009:ABM**
Lin-Zhang Lu, Michael K. Ng, and Fu-Rong Lin. Approximation BFGS methods for nonlinear image restoration. *Journal of Computational and Applied Mathematics*, 226(1):84–91, April 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002240>. ■
- [LNW06] **Lander:2006:IEF**
A. D. Lander, Q. Nie, and F. Y. M. Wan. Internalization and end flux in morphogen gradient formation. *Journal of Computational and Applied Mathematics*, 190(1–2):232–251, June 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002335>. ■
- [LO08] **Leentvaar:2008:CTG**
C. C. W. Leentvaar and C. W. Oosterlee. On coordinate transformation and grid stretching for sparse grid pricing of basket options. *Journal of Computational and Applied Mathematics*, 222(1):

- 193–209, December 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005572>.
Lu:2005:ETO
- [LOA05a] Haishen Lü, Donal O'Regan, and Ravi P. Agarwal. Existence theorems for the one-dimensional singular p -Laplacian equation with a nonlinear boundary condition. *Journal of Computational and Applied Mathematics*, 182(1):188–210, October 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704006107>.
Lu:2005:ULS
- [LOA05b] Haishen Lü, Donal O'Regan, and Ravi P. Agarwal. Upper and lower solutions for the singular p -Laplacian with sign changing nonlinearities and nonlinear boundary data. *Journal of Computational and Applied Mathematics*, 181(2):442–466, September 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005965>.
Loghmani:2008:ALS
- [Log08] G. B. Loghmani. Application of least square method to arbitrary-order problems with separated boundary conditions. *Journal of Computational and Applied Mathematics*, 222(2):500–510, December 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707006267>.
Lopez:2007:AEM
- [Lóp07a] José L. López. Asymptotic expansions of Mellin convolutions by means of analytic continuation. *Journal of Computational and Applied Mathematics*, 200(2):628–636, March 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000409>.
Lopez:2007:NMO
- [Lop07b] L. Lopez. Numerical methods for ordinary differential equations on matrix manifolds. *Journal of Computational and Applied Mathematics*, 210(1–2):232–243, December 31, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006650>.
Lorentzen:2005:BON
- [Lor05] L. Lorentzen. Biography of Olav Njåstad. *Journal of Computational and Applied Mathematics*, 179

(1–2):xv–xix, July 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004376>.

Liao:2008:PSN

[LOZ08]

Xinyuan Liao, Zigen Ouyang, and Shengfan Zhou. Permanence of species in nonautonomous discrete Lotka–Volterra competitive system with delays and feedback controls. *Journal of Computational and Applied Mathematics*, 211(1):1–10, January 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006777>.

Lubuma:2006:UCN

[LP06a]

Jean M.-S. Lubuma and Kailash C. Patidar. Uniformly convergent non-standard finite difference methods for self-adjoint singular perturbation problems. *Journal of Computational and Applied Mathematics*, 191(2):228–238, July 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005510>.

Luo:2006:RSR

[LP06b]

Zhongxuan Luo and Kingxuan Peng. A C^1 -rational spline in range restricted in-

terpolation of scattered data. *Journal of Computational and Applied Mathematics*, 194(2):255–266, October 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004541>.

Lacarbonara:2007:SSS

[LP07a]

Walter Lacarbonara and Achille Paolone. On solution strategies to Saint-Venant problem. *Journal of Computational and Applied Mathematics*, 206(1):473–497, September 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005000>.

Larcher:2007:NOP

[LP07b]

Gerhard Larcher and Friedrich Pillichshammer. A note on optimal point distributions in $[0, 1]^s$. *Journal of Computational and Applied Mathematics*, 206(2):977–985, September 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005620>.

Lombard:2007:MDE

[LP07c]

Bruno Lombard and Joël Piraux. Modeling 1-D elastic P -waves in a fractured rock with hyperbolic jump condi-

- tions. *Journal of Computational and Applied Mathematics*, 204(2):292–305, July 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600358X>. [LR09]
- [LP08] Song Li and Yali Pan. Subdivisions with infinitely supported mask. *Journal of Computational and Applied Mathematics*, 214(1):288–303, April 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001252>. [LRB05]
- [LP09] Stéphane Loisel and Nicolas Privault. Sensitivity analysis and density estimation for finite-time ruin probabilities. *Journal of Computational and Applied Mathematics*, 230(1):107–120, August 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005906>. [LR107]
- [LQW08] Marco A. Lopez, Liqun Qi, and Soon-Yi Wu. Preface. *Journal of Computational and Applied Mathematics*, 217(2):299–300, August 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000908>. [Lewis:2009:ATR]
- [Li:2008:SIS] Bryan Lewis and Lothar Reichel. Arnoldi–Tikhonov regularization methods. *Journal of Computational and Applied Mathematics*, 226(1):92–102, April 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002252>. [Luzyanina:2005:NBA]
- [Loisel:2009:SAD] Tatyana Luzyanina, Dirk Roose, and Gennady Bocharov. Numerical bifurcation analysis of immunological models with time delays. *Journal of Computational and Applied Mathematics*, 184(1):165–176, December 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000750>. [Li:2007:IMC]
- [Lopez:2008:P] Tiancheng Li, Ian Robinson, and Michael Hill. The index of merit of k -th-copy integration lattices. *Journal of Computational and Applied Mathematics*, 205(1):394–405, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000750>. [Li:2007:IMC]

(electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003268> ■

Loghin:2006:APN

[LRT06]

D. Loghin, D. Ruiz, and A. Touhami. Adaptive preconditioners for nonlinear systems of equations. *Journal of Computational and Applied Mathematics*, 189(1–2):362–374, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500364X> ■

Ledoux:2009:EPC

[LRV⁺09]

V. Ledoux, M. Rizea, M. Van Daele, G. Vanden Bergh, and I. Silisteanu. Eigenvalue problem for a coupled channel Schrödinger equation with application to the description of deformed nuclear systems. *Journal of Computational and Applied Mathematics*, 228(1):197–211, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004652> ■

Lorentzen:2005:P

[LRW05]

Lisa Lorentzen, Frode Rønning, and Haakon Waadeland. Preface. *Journal of Computational and Applied Mathematics*, 179(1–2):xiii–xiv, July 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-

1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004364> ■

Lopez:2005:AAS

José L. López and Ester Pérez Sinusía. Asymptotic approximations for a singularly perturbed convection–diffusion problem with discontinuous data in a sector. *Journal of Computational and Applied Mathematics*, 181(1):1–23, September 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005461> ■

Lamba:2006:MSS

[LS06a]

H. Lamba and T. Seaman. Mean-square stability properties of an adaptive time-stepping SDE solver. *Journal of Computational and Applied Mathematics*, 194(2):245–254, October 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500453X> ■

Li:2006:PBV

[LS06b]

Jianli Li and Jianhua Shen. Periodic boundary value problems for delay differential equations with impulses. *Journal of Computational and Applied Mathematics*, 193(2):563–573, September 1, 2006. CODEN JCAMDI.

- ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004322>. ■
- [LS06c] B. Llanas and F. J. Sainz. Constructive approximate interpolation by neural networks. *Journal of Computational and Applied Mathematics*, 188(2):283–308, April 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002566>. ■
- [LS07a] J. Levesley and X. Sun. Perturbed kernel approximation on homogeneous manifolds. *Journal of Computational and Applied Mathematics*, 199(1):159–171, February 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007478>. ■
- [LS07b] Jianli Li and Jianhua Shen. Existence of positive solution to a singular second-order initial value problem with impulses. *Journal of Computational and Applied Mathematics*, 206(2):699–712, September 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005164>. ■
- [LS07c] Ruixi Liang and Jianhua Shen. Periodic boundary value problem for the first order impulsive functional differential equations. *Journal of Computational and Applied Mathematics*, 202(2):498–510, May 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001579>. ■
- [LS08] Chong Li and Weiping Shen. Local convergence of inexact methods under the Hölder condition. *Journal of Computational and Applied Mathematics*, 222(2):544–560, December 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707006310>. ■
- [LS09] Song-Hua Li and Ming-Bao Sun. A fast numerical method for a natural boundary integral equation for the Helmholtz equation. *Journal of Computational and Applied Mathematics*, 230(2):341–350, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000000>. ■
- Llanas:2006:CAI**
- Levesley:2007:PKA**
- Li:2007:EPS**
- Liang:2007:PBV**
- Li:2008:LCI**
- Li:2009:FNM**

(electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708006304>.

Shang:2005:FFM

[LSsZ05]

You lin Shang and Lian sheng Zhang. A filled function method for finding a global minimizer on global integer optimization. *Journal of Computational and Applied Mathematics*, 181(1): 200–210, September 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005710>.

[LT05]

0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002963>.

Lee:2005:ROB

C. H. Lee and H. T. Tran. Reduced-order-based feedback control of the Kuramoto–Sivashinsky equation. *Journal of Computational and Applied Mathematics*, 173(1):1–19, January 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704001268>.

Lee:2006:BDP

[LSTS06]

Young He Lee, Lena Sherbakov Jackie Taber, and Jumping Shi. Bifurcation diagrams of population models with nonlinear, diffusion. *Journal of Computational and Applied Mathematics*, 194(2): 357–367, October 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004991>.

[LT06a]

Ladoucette:2006:RLC

Sophie A. Ladoucette and Jef L. Teugels. Reinsurance of large claims. *Journal of Computational and Applied Mathematics*, 186(1): 163–190, February 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001950>.

Ling:2006:AMC

Lin:2009:CPL

[LSW09]

Yiqin Lin, Xinghua Shi, and Yimin Wei. On computing PageRank via lumping the Google matrix. *Journal of Computational and Applied Mathematics*, 224(2): 702–708, February 15, 2009. CODEN JCAMDI. ISSN

[LT06b]

Leevan Ling and Manfred R. Trummer. Adaptive multiquadric collocation for boundary layer problems. *Journal of Computational and Applied Mathematics*, 188(2):265–282, April 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001950>.

- [//www.sciencedirect.com/science/article/pii/S0377042705002554](http://www.sciencedirect.com/science/article/pii/S0377042705002554) ■
- Lai:2007:FFO**
- [LT07] Ming-Chih Lai and Jui-Ming Tseng. A formally fourth-order accurate compact scheme for 3D Poisson equation in cylindrical coordinates. *Journal of Computational and Applied Mathematics*, 201(1):175–181, April 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000963> ■
- Liu:2006:APP**
- [LTC06] Bing Liu, Zhidong Teng, and Lansun Chen. Analysis of a predator–prey model with Holling II functional response concerning impulsive control strategy. *Journal of Computational and Applied Mathematics*, 193(1):347–362, August 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500395X> ■
- Liu:2008:PSK**
- [LTM08] Xin-Ge Liu, Mei-Lan Tang, and Ralph R. Martin. Periodic solutions for a kind of Liénard equation. *Journal of Computational and Applied Mathematics*, 219(1):263–275, September 15, 2008. CODEN JCAMDI. ISSN
- 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004074> ■
- Li:2007:NCC**
- [LTW07] Guoyin Li, Chunming Tang, and Zengxin Wei. New conjugacy condition and related new conjugate gradient methods for unconstrained optimization. *Journal of Computational and Applied Mathematics*, 202(2):523–539, May 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001592> ■
- Li:2008:HOM**
- [LTY08] S. J. Li, K. L. Teo, and X. Q. Yang. Higher-order Mond–Weir duality for set-valued optimization. *Journal of Computational and Applied Mathematics*, 217(2):339–349, August 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000945> ■
- Lu:2005:FOM**
- [Lu05] Ya Yan Lu. A fourth-order Magnus scheme for Helmholtz equation. *Journal of Computational and Applied Mathematics*, 173(2):247–258, January 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778

- (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704001554>. **Lu:2007:VIM**
- [Lu07] Junfeng Lu. Variational iteration method for solving two-point boundary value problems. *Journal of Computational and Applied Mathematics*, 207(1):92–95, October 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600464X>. **Lu:2009:VIM**
- [Lui09] S. H. Lui. Spectral domain embedding for elliptic PDEs in complex domains. *Journal of Computational and Applied Mathematics*, 225(2): 541–557, March 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005591>. **Lui:2009:SDE**
- [Lu09a] Lizheng Lu. Approximating tensor product Bézier surfaces with tangent plane continuity. *Journal of Computational and Applied Mathematics*, 231(1):412–422, September 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002064>. **Lu:2009:ATP**
- [Luo06a] Jiaowan Luo. Asymptotic behavior of solutions of second order quasilinear differential equations with delay depending on the unknown function. *Journal of Computational and Applied Mathematics*, 185(1):133–143, January 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000531>. **Luo:2006:ABS**
- [Lu09b] Lizheng Lu. A note on constrained degree reduction of polynomials in Bernstein–Bézier form over simplex domain. *Journal of Computational and Applied Mathematics*, 229(1):324–326, July 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002064>. **Lu:2009:NCD**
- [Luo06b] Jiaowan Luo. Stochastically bounded solutions of a nonlinear stochastic differential equations. *Journal of Computational and Applied Mathematics*, 196(1): 87–93, November 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000531>. **Luo:2006:SBS**

- [//www.sciencedirect.com/science/article/pii/S0377042705005194](http://www.sciencedirect.com/science/article/pii/S0377042705005194)
- [Luo07] Jiaowan Luo. A note on exponential stability in p -th mean of solutions of stochastic delay differential equations. *Journal of Computational and Applied Mathematics*, 198(1):143–148, January 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007119>. **Luo:2007:NES** [LV06]
- [Luo08] Jiaowan Luo. Stability of stochastic partial differential equations with infinite delays. *Journal of Computational and Applied Mathematics*, 222(2):364–371, December 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707006048>. **Luo:2008:SSP** [LV07]
- [Lut07] Wolfram Luther. The convergence rate of continued fractions representing solutions of a Riccati equation. *Journal of Computational and Applied Mathematics*, 199(2):271–276, February 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007612>. **Luther:2007:CRC** [LvGJ06]
- Lievens:2006:IGT**
S. Lievens and J. Van der Jeugt. Invariance groups of three term transformations for basic hypergeometric series. *Journal of Computational and Applied Mathematics*, 197(1):1–14, December 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006291>.
- Lievens:2007:SGB**
S. Lievens and J. Van der Jeugt. Symmetry groups of Bailey’s transformations for $_{10}\phi_9$ -series. *Journal of Computational and Applied Mathematics*, 206(1):498–519, September 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005012>.
- Loghin:2006:BER**
Daniel Loghin, Martin van Gijzen, and Eline Jonkers. Bounds on the eigenvalue range and on the field of values of non-Hermitian and indefinite finite element matrices. *Journal of Computational and Applied Mathematics*, 189(1–2):304–323, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003006>.

- [LWV05] **Ledoux:2005:CME**
 V. Ledoux, M. Van Daele, and G. Vanden Berghe. CP methods and the evaluation of negative energy Coulomb Whittaker functions. *Journal of Computational and Applied Mathematics*, 183(1): 168–176, November 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000233>.
- [LW05a] **Laughlin:2005:CTC**
 J. Mc Laughlin and Nancy J. Wyshinski. A convergence theorem for continued fractions of the form $K_{n=1}^{\infty} a_n/1$. *Journal of Computational and Applied Mathematics*, 179(1–2):255–262, July 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004522>.
- [LW05b] **Li:2005:EGA**
 Wan-Tong Li and Lin-Lin Wang. Existence and global attractivity of positive periodic solutions of functional differential equations with feedback control. *Journal of Computational and Applied Mathematics*, 180(2): 293–309, August 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004723>.
- [LW06a] **Lewanowicz:2006:CBT**
 Stanislaw Lewanowicz and Pawel Woźny. Connections between two-variable Bernstein and Jacobi polynomials on the triangle. *Journal of Computational and Applied Mathematics*, 197(2): 520–533, December 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006977>.
- [LW06b] **Li:2006:NNQ**
 Chong-Jun Li and Ren-Hong Wang. A new 8-node quadrilateral spline finite element. *Journal of Computational and Applied Mathematics*, 195(1–2):54–65, October 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004723>.
- [LW06c] **Luo:2006:SDM**
 Zhongxuan Luo and Renhong Wang. Structure and dimension of multivariate spline space of lower degree on arbitrary triangulation. *Journal of Computational and Applied Mathematics*, 195(1–2): 113–133, October 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004723>.
- [//www.sciencedirect.com/science/article/pii/S0377042704005242](http://www.sciencedirect.com/science/article/pii/S0377042704005242)

[//www.sciencedirect.com/science/article/pii/S0377042705004796](http://www.sciencedirect.com/science/article/pii/S0377042705004796) ■

Li:2007:TSE

- [LW07] Qinghong Li and Xinyuan Wu. A two-step explicit P -stable method of high phase-lag order for linear periodic IVPs. *Journal of Computational and Applied Mathematics*, 200(1):287–296, March 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000161> ■ [LW08c]

[//www.sciencedirect.com/science/article/pii/S0377042707005249](http://www.sciencedirect.com/science/article/pii/S0377042707005249) ■

Luo:2008:NCC

- H. Z. Luo and H. X. Wu. On necessary conditions for a class of nondifferentiable minimax fractional programming. *Journal of Computational and Applied Mathematics*, 215(1):103–113, May 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700177X> ■

Liu:2008:EGB

- [LW08a] Wei-Bing Liu and Xian-Jia Wang. An evolutionary game based particle swarm optimization algorithm. *Journal of Computational and Applied Mathematics*, 214(1):30–35, April 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000799> ■ [LW08d]

Luo:2008:RBP

- H. Z. Luo and H. X. Wu. On the relationships between G -preinvex functions and semistrictly G -preinvex functions. *Journal of Computational and Applied Mathematics*, 222(2):372–380, December 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700605X> ■

Lu:2008:ACI

- [LW08b] Lizheng Lu and Guozhao Wang. Application of Chebyshev II–Bernstein basis transformations to degree reduction of Bézier curves. *Journal of Computational and Applied Mathematics*, 221(1):52–65, November 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000799> ■ [LWC⁺06]

Liang:2006:SRT

- Xue-Zhang Liang, Ren-Hong Wang, Li-Hong Cui, Jie-Lin Zhang, and Ming Zhang. Some researches on trivariate Lagrange interpolation. *Journal of Computational and Applied Mathematics*, 195(1–2):192–205, October 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic).

- (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500484X>. ■
- [LWH09a] Wen-Chuan Lee, Jong-Wuu Wu, and Ching-Wen Hong. Assessing the lifetime performance index of products with the exponential distribution under progressively Type II right censored samples. *Journal of Computational and Applied Mathematics*, 231(2): 648–656, September 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002647>. ■
- [LWH09b] Keng-Hsin Lo, Kehluh Wang, and Ming-Feng Hsu. Pricing American Asian options with higher moments in the underlying distribution. *Journal of Computational and Applied Mathematics*, 223(1): 304–313, January 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000150>. ■
- [LWLL09] Qun Lin, Yong Hong Wu, Ryan Loxton, and Shaoyong Lai. Linear B-spline finite element method for the improved Boussinesq equation. *Journal of Computa-*
- [Lee:2009:ALP]
- [LWMT07] Xin-Ge Liu, Min Wu, Ralph Martin, and Mei-Lan Tang. Stability analysis for neutral systems with mixed delays. *Journal of Computational and Applied Mathematics*, 202(2):478–497, May 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002914>. ■
- [Liu:2007:SAN]
- [LWS09] Bo Li, Rong Wu, and Min Song. A renewal jump-diffusion process with threshold dividend strategy. *Journal of Computational and Applied Mathematics*, 228(1):41–55, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001567>. ■
- [Li:2009:RJD]
- [Lai:2008:ETW] Shaoyong Lai, Y. H. Wu, and B. Wiwatanapataphee. On exact travelling wave solutions for two types of nonlinear $K(n, n)$ equations and a generalized KP equa-
- [Lin:2009:LBS]
- [Lai:2008:ETW]

- tion. *Journal of Computational and Applied Mathematics*, 212(2):291–299, March 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600731X>. **Li:2006:RCP**
- [LWYT06] S. J. Li, S. Y. Wu, X. Q. Yang, and K. L. Teo. A relaxed cutting plane method for semi-infinite semi-definite programming. *Journal of Computational and Applied Mathematics*, 196(2):459–473, November 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005972>. **Liao:2006:MMD**
- [LX06] Guojun Liao and Jiaying Xue. Moving meshes by the deformation method. *Journal of Computational and Applied Mathematics*, 195(1–2):83–92, October 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004747>. **Lu:2009:EDP**
- [LXSH09] Zhaoyang Lu, Wei Xu, Decai Sun, and Weiguo Han. On the expected discounted penalty functions for two classes of risk processes under a threshold dividend strategy. *Journal of Computational and Applied Mathematics*, 232(2):582–593, October 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003896>. **Liu:2006:STF**
- [LXUK06] Zeqing Liu, Yuguang Xu, Jeong Sheok Ume, and Shin Min Kang. Solutions to two functional equations arising in dynamic programming. *Journal of Computational and Applied Mathematics*, 192(2):251–269, August 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002840>. **Ling:2008:DFP**
- [LXX08] Ai-Fan Ling, Cheng-Xian Xu, and Feng-Min Xu. A discrete filled function algorithm for approximate global solutions of max-cut problems. *Journal of Computational and Applied Mathematics*, 220(1–2):643–660, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005067>. **Lv:2009:SGF**
- [LXZG09] Long-Jin Lv, Jian-Bin Xiao, Lin Zhang, and Lei Gao.

- Solutions for a generalized fractional anomalous diffusion equation. *Journal of Computational and Applied Mathematics*, 225(1): 301–308, March 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001180>. **Li:2005:PAF** [LY07b]
- [LY05a] Yiming Li and Shao-Ming Yu. A parallel adaptive finite volume method for nanoscale double-gate MOSFETs simulation. *Journal of Computational and Applied Mathematics*, 175(1):87–99, March 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704002407>. **Lu:2005:LBD**
- [LY05b] Hongtao Lu and Xinzhen Yu. [LY09] Local bifurcations in delayed chaos anticontrol systems. *Journal of Computational and Applied Mathematics*, 181(1):188–199, September 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270400562X>. **Lazarov:2007:SDF**
- [LY07a] Raytcho Lazarov and Xiu Ye. Stabilized discontinuous finite element approximations for Stokes equations. *Journal of Computational and Applied Mathematics*, 198(1):236–252, January 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007880>. **Liu:2007:RTS**
- Huipo Liu and Ningning Yan. Recovery type superconvergence and a posteriori error estimates for control problems governed by Stokes equations. *Journal of Computational and Applied Mathematics*, 209(2): 187–207, December 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006765>. **Li:2009:SSG**
- [LY09] Hongjie Li and Dong Yue. Synchronization stability of general complex dynamical networks with time-varying delays: a piecewise analysis method. *Journal of Computational and Applied Mathematics*, 232(2):149–158, October 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000971>. **Liu:2009:NMA**
- [LYB09] F. Liu, C. Yang, and K. Bur-

- rage. Numerical method and analytical technique of the modified anomalous subdiffusion equation with a nonlinear source term. *Journal of Computational and Applied Mathematics*, 231(1):160–176, September 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000508>. [LYZ09]
- Lo:2007:HRN**
- [LYT07] D. C. Lo, D. L. Young, and C. C. Tsai. High resolution of 2D natural convection in a cavity by the DQ method. *Journal of Computational and Applied Mathematics*, 203(1):219–236, June 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001968>. [LZ05]
- Liu:2008:GSC**
- [LYW08] Liying Liu, Shengwei Yao, and Zengxin Wei. The global and superlinear convergence of a new nonmonotone MBFGS algorithm on convex objective functions. *Journal of Computational and Applied Mathematics*, 220(1–2):422–438, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004633>. [LZ06]
- Luo:2009:RFD**
- Zhendong Luo, Xiaozhong Yang, and Yanjie Zhou. A reduced finite difference scheme based on singular value decomposition and proper orthogonal decomposition for Burgers equation. *Journal of Computational and Applied Mathematics*, 229(1):97–107, July 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005232>. [Li:2005:APD]
- Li:2005:APD**
- Xiaojun Li and Chengkui Zhong. Attractors for partly dissipative lattice dynamic systems in $l^2 \times l^2$. *Journal of Computational and Applied Mathematics*, 177(1):159–174, May 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004200>. [Liu:2006:SNA]
- Liu:2006:SNA**
- Hongyu Liu and Jun Zou. Some new additive Runge–Kutta methods and their applications. *Journal of Computational and Applied Mathematics*, 190(1–2):74–98, June 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002220>. [Liu:2006:SNA]

- [LZ08a] **Liang:2008:ECMa**
 Sihua Liang and Jihui Zhang. The existence of countably many positive solutions for nonlinear singular m -point boundary value problems. *Journal of Computational and Applied Mathematics*, 214(1):78–89, April 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000866>.
- [LZ08b] **Liang:2008:ECMb**
 Sihua Liang and Jihui Zhang. The existence of countably many positive solutions for nonlinear singular m -point boundary value problems on the half-line. *Journal of Computational and Applied Mathematics*, 222(2): 229–243, December 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005997>.
- [LZ09a] **Li:2009:GBN**
 Xiaolin Li and Jialin Zhu. A Galerkin boundary node method and its convergence analysis. *Journal of Computational and Applied Mathematics*, 230(1): 314–328, August 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002598>.
- [LZ09b] **Liang:2009:ECMa**
 Sihua Liang and Jihui Zhang. The existence of countably many positive solutions for nonlinear singular m -point boundary value problems on time scales. *Journal of Computational and Applied Mathematics*, 223(1): 291–303, January 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000137>.
- [LZ09c] **Liang:2009:ECMb**
 Sihua Liang and Jihui Zhang. Existence of countably many positive solutions of n -th-order m -point boundary value problems. *Journal of Computational and Applied Mathematics*, 224(2): 527–537, February 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002598>.
- [LZ09d] **Liu:2009:NAP**
 Yang Liu and Shouwei Zhao. A new approach to practical stability of impulsive functional differential equations in terms of two measures. *Journal of Computational and Applied Mathematics*, 223(1):449–458, January

- 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000356>. **Li:2009:OCT**
- [LZG⁺09] Qiaoluan Li, Zhenguo Zhang, Fang Guo, Zhiyong Liu, and Haiyan Liang. Oscillatory criteria for third-order difference equation with impulses. *Journal of Computational and Applied Mathematics*, 225(1):80–86, March 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800321X>. **Liang:2007:FFM**
- [LZLH07] Y. M. Liang, L. S. Zhang, M. M. Li, and B. S. Han. A filled function method for global optimization. *Journal of Computational and Applied Mathematics*, 205(1):16–31, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002536>. **Liang:2009:EMP**
- [LZW09] Sihua Liang, Jihui Zhang, and Zhiyong Wang. The existence of multiple positive solutions for multi-point boundary value problems on the half-line. *Journal of Computational and Applied Mathematics*, 228(1):10–19, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004287>. **Li:2009:HIA**
- [LZWQ09] Xiang Li, Yang Zhang, Hui-San Wong, and Zhongfeng Qin. A hybrid intelligent algorithm for portfolio selection problem with fuzzy returns. *Journal of Computational and Applied Mathematics*, 233(2):264–278, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004178>. **Li:2009:GES**
- [LZY09] Jinxian Li, Fengqin Zhang, and Jurang Yan. Global exponential stability of nonautonomous neural networks with time-varying delays and reaction–diffusion terms. *Journal of Computational and Applied Mathematics*, 233(2):241–247, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004154>. **Li:2009:PNI**
- [LZZ09] Xin-Yue Li, Yuan-Qing Zhang, and Qiu-Lan Zhao. Positive and negative integrable hierarchies, associated con-

- servation laws and Darboux transformation. *Journal of Computational and Applied Mathematics*, 233(4):1096–1107, December 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709006311>. **Ma:2008:SNN**
- [LZZD09] Chao Liu, Qingling Zhang, Xue Zhang, and Xiaodong Duan. Dynamical behavior in a stage-structured differential-algebraic prey-predator model with discrete time delay and harvesting. *Journal of Computational and Applied Mathematics*, 231(2):612–625, September 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002532>. **Liu:2009:DBS**
- [Ma06] Changfeng Ma. Finite-element method for time-dependent Maxwell's equations based on an explicit-magnetic-field scheme. *Journal of Computational and Applied Mathematics*, 194(2):409–424, October 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005121>. **Ma:2006:FEM**
- [MA08b] Qing-Hua Ma. Some new nonlinear Volterra–Fredholm-type discrete inequalities and their applications. *Journal of Computational and Applied Mathematics*, 216(2):451–466, July 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002853>. **Ma:2008:SNN**
- [MA09] S. Mesloub and H. A. Abdusalam. On a certain class of a nonlinear evolution partial differential equations. *Journal of Computational and Applied Mathematics*, 217(1):148–156, July 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003445>. **Mesloub:2008:CCN**
- [Ma09] Galina V. Muratova and Evgeniya M. Andreeva. Multi-grid method for solving convection–diffusion problems with dominant convection. *Journal of Computational and Applied Mathematics*, 226(1):77–83, April 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002239>. **Muratova:2009:MMS**

- [Mag09] **Magnus:2009:RIS**
Alphonse P. Magnus. Rational interpolation to solutions of Riccati difference equations on elliptic lattices. *Journal of Computational and Applied Mathematics*, 233(3): 793–801, December 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001277>. [Mar07a]
- [Mai08a] **Mainge:2008:CTI**
Paul-Emile Maingé. Convergence theorems for inertial KM-type algorithms. *Journal of Computational and Applied Mathematics*, 219(1): 223–236, September 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003901>. [Mar07b]
- [Mai08b] **Mainge:2008:DCP**
Paul-Emile Maingé. Discretization of the Cauchy problem for a fast diffusion equation. *Journal of Computational and Applied Mathematics*, 213(1):95–110, March 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000088>.
- [Mao07] **Mao:2007:ESE**
Xuerong Mao. Exponential stability of equidistant Euler–Maruyama approximations of stochastic differential delay equations. *Journal of Computational and Applied Mathematics*, 200(1):297–316, March 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000173>.
- Marciniak:2007:MIM**
Andrzej Marciniak. On multistep interval methods for solving the initial value problem. *Journal of Computational and Applied Mathematics*, 199(2):229–237, February 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007557>.
- Markot:2007:IMV**
Mihály Csaba Markót. Interval methods for verifying structural optimality of circle packing configurations in the unit square. *Journal of Computational and Applied Mathematics*, 199(2): 353–357, February 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007715>.
- Martin:2007:MSS**
P. A. Martin. On the T -matrix for scattering by small

- obstacles. *Journal of Computational and Applied Mathematics*, 204(2):219–230, July 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003529>. ■
- [Mar08] **Marcozzi:2008:SOC** [Mat07a] Michael D. Marcozzi. Stochastic optimal control of ultra-diffusion processes with application to dynamic portfolio management. *Journal of Computational and Applied Mathematics*, 222(1):112–127, December 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005523>. ■
- [Mar09] **Marcozzi:2009:EDG** Michael D. Marcozzi. Extrapolation discontinuous Galerkin method for ultraparabolic equations. *Journal of Computational and Applied Mathematics*, 224(2):679–687, February 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002938>. ■
- [Mat06] **Mathar:2006:CSE** Richard J. Mathar. Chebyshev series expansion of inverse polynomials. *Journal of Computational and Applied Mathematics*, 196(2):596–607, November 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006230>. ■
- Matos:2007:MFP** Ana C. Matos. Multivariate Frobenius–Padé approximants: Properties and algorithms. *Journal of Computational and Applied Mathematics*, 202(2):548–572, May 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001610>. ■
- Matsuo:2007:NCS** Takayasu Matsuo. New conservative schemes with discrete variational derivatives for nonlinear wave equations. *Journal of Computational and Applied Mathematics*, 203(1):32–56, June 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001634>. ■
- Matsuo:2008:DCG** Takayasu Matsuo. Dissipative/conservative Galerkin method using discrete partial derivatives for nonlinear evolution equations. *Journal of Computational and Applied Mathematics*, 218(2):

- 506–521, September 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004293>.
Mayer:2007:RSI
- [May07] Günter Mayer. On regular and singular interval systems. *Journal of Computational and Applied Mathematics*, 199(2):220–228, February 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007545>.
Mayo:2008:MRS
- [May08] Anita Mayo. Methods for the rapid solution of the pricing PIDEs in exponential and Merton models. *Journal of Computational and Applied Mathematics*, 222(1):128–143, December 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005535>.
Mazya:2006:CIC
- [Maz06] Vladimir Maz'ya. Conductor inequalities and criteria for Sobolev type two-weight imbeddings. *Journal of Computational and Applied Mathematics*, 194(1):94–114, September 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500405X>.
Mazure:2008:URR
- [Maz08] Marie-Laurence Mazure. Understanding recurrence relations for Chebyshevian B-splines via blossoms. *Journal of Computational and Applied Mathematics*, 219(2):457–470, October 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003470>.
Moreno-Balcazar:2005:SZS
- [MB05] Juan José Moreno-Balcázar. Smallest zeros of some types of orthogonal polynomials: asymptotics. *Journal of Computational and Applied Mathematics*, 179(1–2):289–301, July 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004546>.
Maes:2006:HRB
- [MB06] Jan Maes and Adhemar Bultheel. C^1 hierarchical Riesz bases of Lagrange type on Powell–Sabin triangulations. *Journal of Computational and Applied Mathematics*, 196(1):1–19, November 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500405X>.

- [//www.sciencedirect.com/science/article/pii/S0377042705005145](http://www.sciencedirect.com/science/article/pii/S0377042705005145) [MBCV09]
- [MB07a] **Mandal:2007:ASC**
B. N. Mandal and G. H. Bera. Approximate solution of a class of singular integral equations of second kind. *Journal of Computational and Applied Mathematics*, 206(1): 189–195, September 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004249>.
- [MB07b] **Moreno-Balcazar:2007:NZF** [MC05a]
Juan J. Moreno-Balcázar. A note on the zeros of Freud–Sobolev orthogonal polynomials. *Journal of Computational and Applied Mathematics*, 207(2):338–344, October 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006078>.
- [MBA09] **McMillen:2009:ZCV** [MC05b]
T. McMillen, A. Bourget, and A. Agnew. On the zeros of complex Van vleck polynomials. *Journal of Computational and Applied Mathematics*, 223(2):862–871, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000897>.
- Martinez:2009:MPE**
A. Martínez, L. Bergamaschi, M. Caliari, and M. Vianello. A massively parallel exponential integrator for advection–diffusion models. *Journal of Computational and Applied Mathematics*, 231(1): 82–91, September 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000429>.
- Milovanovic:2005:GLI**
Gradimir V. Milovanović and Aleksandar S. Cvetković. Gauss–Laguerre interval quadrature rule. *Journal of Computational and Applied Mathematics*, 182(2):433–446, October 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704006399>.
- Milovanovic:2005:OPG**
Gradimir V. Milovanović and Aleksandar S. Cvetković. Orthogonal polynomials and Gaussian quadrature rules related to oscillatory weight functions. *Journal of Computational and Applied Mathematics*, 179(1–2):263–287, July 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000897>.

- [/www.sciencedirect.com/science/article/pii/S0377042704004534](http://www.sciencedirect.com/science/article/pii/S0377042704004534) ■
- Milovanovic:2005:ROS**
- [MC05c] Gradimir V. Milovanović and Aleksandar S. Cvetković. Remarks on “Orthogonality of some sequences of the rational functions and Müntz polynomials”. *Journal of Computational and Applied Mathematics*, 173(2):383–388, January 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704002262> ■ See [MDSR04].
- Ma:2007:SNN**
- [MC07] Qing-Hua Ma and Wing-Sum Cheung. Some new nonlinear difference inequalities and their applications. *Journal of Computational and Applied Mathematics*, 202(2):339–351, May 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001440> ■
- Ma:2008:COS**
- [MC08] Changfeng Ma and Xiaohong Chen. The convergence of a one-step smoothing Newton method for P_0 -NCP based on a new smoothing NCP-function. *Journal of Computational and Applied Mathematics*, 216(1):1–13, June 15, 2008. CODEN JCAMDI.
- McBain:2009:NSO**
- [MCA09] G. D. McBain, T. H. Chubb, and S. W. Armfield. Numerical solution of the Orr-Sommerfeld equation using the viscous Green function and split-Gaussian quadrature. *Journal of Computational and Applied Mathematics*, 224(1):397–404, February 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800246X> ■
- McCall:2005:GAM**
- [McC05] John McCall. Genetic algorithms for modelling and optimisation. *Journal of Computational and Applied Mathematics*, 184(1):205–222, December 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000774> ■
- Mustafa:2006:EEB**
- [MCD06] Ghulam Mustafa, Falai Chen, and Jiansong Deng. Estimating error bounds for binary subdivision curves/surfaces. *Journal of Computational and Applied Mathematics*, 193(2):596–613, September 1, 2006. CODEN JCAMDI.

ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004346>.

Marchandise:2008:SSS

[MCR08]

Emilie Marchandise, Nicolas Chevaugéon, and Jean-François Remacle. Spatial and spectral superconvergence of discontinuous Galerkin method for hyperbolic problems. *Journal of Computational and Applied Mathematics*, 215(2):484–494, June 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600759X>.

[MD09b]

Masoumi:2008:NMF

[MD08]

H. R. Masoumi and G. Degrande. Numerical modeling of free field vibrations due to pile driving using a dynamic soil-structure interaction formulation. *Journal of Computational and Applied Mathematics*, 215(2):503–511, June 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007618>.

[MDB06]

Meiqiang:2009:MPS

[MD09a]

Feng Meiqiang and Xie Dongxiu. Multiple positive solutions of multi-point boundary value problem for second-order impulsive dif-

ferential equations. *Journal of Computational and Applied Mathematics*, 223(1):438–448, January 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000344>.

Mohebbi:2009:UCB

Akbar Mohebbi and Mehdi Dehghan. The use of compact boundary value method for the solution of two-dimensional Schrödinger equation. *Journal of Computational and Applied Mathematics*, 225(1):124–134, March 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003579>.

Mendoza:2006:DAM

O. Barrero Mendoza, B. De Moor, and D. S. Bernstein. Data assimilation for magnetohydrodynamics systems. *Journal of Computational and Applied Mathematics*, 189(1–2):242–259, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001378>.

Macias-Diaz:2009:NTS

[MDMRP09]

J. E. Macías-Díaz, I. E. Medina-Ramírez, and A. Puri. Numerical treatment of the

spherically symmetric solutions of a generalized Fisher–Kolmogorov–Petrovsky–Piscounov equation. *Journal of Computational and Applied Mathematics*, 231(2):851–868, September 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003045>. [MDT07]

Macias-Diaz:2008:EBC

[MDP08] J. E. Macías-Díaz and A. Puri. An energy-based computational method in the analysis of the transmission of energy in a chain of coupled oscillators. *Journal of Computational and Applied Mathematics*, 214(2):393–405, May 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001355>. [MDT09]

Marinkovic:2004:OSS

[MDSR04] S. D. Marinković, B. Danković, M. S. Stanković, and P. M. Rajković. Orthogonality of some sequences of the rational functions and the Müntz polynomials. *Journal of Computational and Applied Mathematics*, 163(2):419–427, February 15, 2004. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/> [Meh05]

[science/article/pii/S0377042703007647](http://www.sciencedirect.com/science/article/pii/S0377042703007647). See remarks [MC05c].

Mai-Duy:2007:SCM

N. Mai-Duy and R. I. Tanner. A spectral collocation method based on integrated Chebyshev polynomials for two-dimensional biharmonic boundary-value problems. *Journal of Computational and Applied Mathematics*, 201(1):30–47, April 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000768>.

Manousopoulos:2009:PIF

Polychronis Manousopoulos, Vassileios Drakopoulos, and Theoharis Theoharis. Parameter identification of 1D fractal interpolation functions using bounding volumes. *Journal of Computational and Applied Mathematics*, 233(4):1063–1082, December 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709006190>.

Mehr:2005:MAM

Ramit Mehr. Modeling and analysis of the meta-population dynamics of lymphocyte repertoires. *Journal of Computational and Applied Mathematics*, 184(1):223–241, December 1, 2005.

- CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000786> ■
- [Men09] M. L. Menéndez. Rao's statistic for constant and proportional hazard models. *Journal of Computational and Applied Mathematics*, 224(1): 118–126, February 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001817> ■
- [Mer05] Stephen J. Merrill. The stochastic dance of early HIV infection. *Journal of Computational and Applied Mathematics*, 184(1): 242–257, December 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000798> ■
- [MG08] V. Melicher and V. Gajdosík. A numerical solution of a one-dimensional blood flow model-moving grid approach. *Journal of Computational and Applied Mathematics*, 215(2):512–520, June 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600762X> ■
- [MGMY06] J. M. Matías, W. González-Manteiga, J. Taboada, and C. Ordóñez. Managing distribution changes in time series prediction. *Journal of Computational and Applied Mathematics*, 191(2):206–215, July 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005492> ■
- [MGS08] Jeffrey M. McNally, L. E. Garey, and R. E. Shaw. A communication-less parallel algorithm for tridiagonal Toeplitz systems. *Journal of Computational and Applied Mathematics*, 212(2):260–271, March 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600728X> ■
- [MGV07] Francesco Mainardi, Rudolf Gorenflo, and Alessandro Vivoli. Beyond the Poisson renewal process: a tutorial survey. *Journal of Computational and Applied Mathematics*, 205(2):725–735, August 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600728X> ■

- [//www.sciencedirect.com/science/article/pii/S0377042706003967](http://www.sciencedirect.com/science/article/pii/S0377042706003967) ■
- [MH08] F. Marcellán and J. Hernández. Geronimus spectral transforms and measures on the complex plane. *Journal of Computational and Applied Mathematics*, 219(2): 441–456, October 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003196> ■
- [Mil06] **Marcellan:2008:GST**
- [Mil07] M. Milgram. Comment on “A new two-term relation for the ${}_3F_2$ hypergeometric function of unit argument”. *Journal of Computational and Applied Mathematics*, 196(2): 437–438, November 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005868> ■ See [Ext99].
- [MI09] Yoshiaki Muroya and Emiko Ishiwata. Stability for a class of difference equations. *Journal of Computational and Applied Mathematics*, 228(2):561–570, June 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001386> ■
- [Mil05] **Muroya:2009:SCD**
- [Mil09] Keith Miller. Nonlinear Krylov and moving nodes in the method of lines. *Journal of Computational and Applied Mathematics*, 183(2): 275–287, November 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000658> ■
- [Mil09] **Miller:2005:NKM**
- [Mil09] Michael Milgram. Comment on a paper of Rao et al., an entry of Ramanujan and a new ${}_3F_2(1)$. *Journal of Computational and Applied Mathematics*, 201(1):1–2, April 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000719> ■ See [RVK05].
- [Mil09] **Milgram:2007:CPR**
- [Mil09] Allen R. Miller. Certain summation and transformation formulas for generalized hypergeometric series. *Journal of Computational and Applied Mathematics*, 231(2): 964–972, September 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003252> ■
- [Mil09] **Miller:2009:CST**

- [Min05] **Minchev:2005:SNP**
 Emil Minchev. On a system of nonlinear PDE's for phase transitions with vector order parameter and convective effect. *Journal of Computational and Applied Mathematics*, 177(2):309–330, May 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004285>.
- [MJ08b] **Masjed-Jamei:2008:CNI**
 Mohammad Masjed-Jamei. On constructing new interpolation formulas using linear operators and an operator type of quadrature rules. *Journal of Computational and Applied Mathematics*, 216(2):307–318, July 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002488>.
- [MJ07] **Meng:2007:SNN**
 Fan Wei Meng and Dehong Ji. On some new nonlinear discrete inequalities and their applications. *Journal of Computational and Applied Mathematics*, 208(2):425–433, November 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006145>.
- [MJ09] **Ma:2009:GMM**
 Jingtang Ma and Yingjun Jiang. On a graded mesh method for a class of weakly singular Volterra integral equations. *Journal of Computational and Applied Mathematics*, 231(2):807–814, September 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003008>.
- [MJ08a] **Masjed-Jamei:2008:BCS**
 Mohammad Masjed-Jamei. A basic class of symmetric orthogonal functions using the extended Sturm–Liouville theorem for symmetric functions. *Journal of Computational and Applied Mathematics*, 216(1):128–143, June 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002233>.
- [MJB09] **Markovic:2009:NWL**
 Darija Marković, Dragan Jukić, and Mirta Bensić. Nonlinear weighted least squares estimation of a three-parameter Weibull density with a nonparametric start. *Journal of Computational and Applied Mathematics*, 228(1):304–312, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic).

(electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004883> ■

Ma:2009:NSB

[MJX09] Jingtang Ma, Yingjun Jiang, and Kaili Xiang. Numerical simulation of blowup in non-local reaction–diffusion equations using a moving mesh method. *Journal of Computational and Applied Mathematics*, 230(1):8–21, August 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005827> ■

1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500765X> ■

Margenov:2009:MPF

[MK09] Svetozar Margenov and Nikola Kosturski. MIC(0) preconditioning of 3D FEM problems on unstructured grids: Conforming and non-conforming elements. *Journal of Computational and Applied Mathematics*, 226(2):288–297, April 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004081> ■

Muroya:2005:GLC

[MK05] Yoshiaki Muroya and Yoshiko Kato. On gopalsamy and Liu’s conjecture for global stability in a population model. *Journal of Computational and Applied Mathematics*, 181(1):70–82, September 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005503> ■

Meng:2009:PSL

[ML09] Hua Meng and Fei Long. Periodic solutions for a Liénard type p -Laplacian differential equation. *Journal of Computational and Applied Mathematics*, 224(2):696–701, February 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002951> ■

Miyajima:2007:ETS

[MK07] Shinya Miyajima and Masahide Kashiwagi. Existence test for solution of nonlinear systems applying affine arithmetic. *Journal of Computational and Applied Mathematics*, 199(2):304–309, February 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-

Meng:2008:PAP

[MLH08] Yimin Meng, Bingwen Liu, and Lihong Huang. Positive almost periodic solutions for a class of Liénard-type systems with multiple deviating arguments. *Journal of Computational and Applied Mathematics*, 220(1–2):615–623, October 15, 2008.

CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004906>.

Mai:2009:SFW

[MLL09]

Huanhuan Mai, Xiaofeng Liao, and Chuandong Li. A semi-free weighting matrices approach for neutral-type delayed neural networks. *Journal of Computational and Applied Mathematics*, 225(1):44–55, March 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800318X>.

Montagner:2006:SFC

[MLOP06]

V. F. Montagner, V. J. S. Leite, R. C. L. F. Oliveira, and P. L. D. Peres. State feedback control of switched linear systems: an LMI approach. *Journal of Computational and Applied Mathematics*, 194(2):192–206, October 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004486>.

Mo:2007:NTR

[MLY07]

Jiangtao Mo, Chunyan Liu, and Shicui Yan. A nonmonotone trust region method based on nonincreasing technique of weighted average of the successive function val-

ues. *Journal of Computational and Applied Mathematics*, 209(1):97–108, December 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006674>.

Mondal:2006:DSP

[MM06]

Kajal Kumar Mondal and B. S. Mazumder. On dispersion of settling particles from an elevated source in an open-channel flow. *Journal of Computational and Applied Mathematics*, 193(1):22–37, August 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003778>.

Mazya:2007:UAF

[MM07]

V. Maz'ya and A. Movchan. Uniform asymptotic formulae for Green's functions in singularly perturbed domains. *Journal of Computational and Applied Mathematics*, 208(1):194–206, November 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006352>.

Mursaleen:2009:LSC

[MM09]

M. Mursaleen and S. A. Mohiuddine. On lacunary statistical convergence with respect to the intuitionistic

fuzzy normed space. *Journal of Computational and Applied Mathematics*, 233(2): 142–149, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004026>.

Marcellan:2007:EMZ

[MMFMG07]

F. Marcellán, A. Martínez-Finkelshtein, and P. Martínez-González. Electrostatic models for zeros of polynomials: Old, new, and some open problems. *Journal of Computational and Applied Mathematics*, 207(2): 258–272, October 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600611X>.

Malek:2008:MCF

[MMM08]

Alaeddin Malek and Sayed Hodjatollah Momeni-Masuleh. A mixed collocation-finite difference method for 3D microscopic heat transport problems. *Journal of Computational and Applied Mathematics*, 217(1):137–147, July 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003433>.

Milagre:2009:MCS

[MMS⁺09]

S. T. Milagre, C. D. Maciel,

A. A. Shinoda, M. Hungria, and J. R. B. Almeida. Multidimensional cluster stability analysis from a Brazilian Bradyrhizobium sp. RFLP/PCR data set. *Journal of Computational and Applied Mathematics*, 227(2): 308–319, May 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001131>.

Mehri:2005:EPS

[MN05]

B. Mehri and M. A. Niksirat. On the existence of periodic solutions for certain differential equations. *Journal of Computational and Applied Mathematics*, 174(2): 239–249, February 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270400192X>.

Minamoto:2007:NMV

[MN07a]

Teruya Minamoto and Mitsuhiro T. Nakao. Numerical method for verifying the existence and local uniqueness of a double turning point for a radially symmetric solution of the perturbed Gelfand equation. *Journal of Computational and Applied Mathematics*, 202(2):177–185, May 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003433>.

- [//www.sciencedirect.com/science/article/pii/S0377042706001208](http://www.sciencedirect.com/science/article/pii/S0377042706001208) ■
- Moriya:2007:NSC**
- [MN07b] K. Moriya and T. Nodera. A new scheme of computing the approximate inverse preconditioner for the reduced linear systems. *Journal of Computational and Applied Mathematics*, 199(2):345–352, February 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007703> ■
- Malihoutsaki:2009:INM**
- [MNG09] E. N. Malihoutsaki, I. A. Nikas, and T. N. Grapsa. Improved Newton’s method without direct function evaluations. *Journal of Computational and Applied Mathematics*, 227(1):206–212, May 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003531> ■
- Molliq:2009:ASF**
- [MNHA09] R. Yulita Molliq, M. S. M. Noorani, I. Hashim, and R. R. Ahmad. Approximate solutions of fractional Zakharov–Kuznetsov equations by VIM. *Journal of Computational and Applied Mathematics*, 233(2):103–108, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000027> ■
- Muhammad:2005:NSI**
- [MNMS05] Mayinur Muhammad, Ah-niyaz Nurmuhhammad, Masa-take Mori, and Masaaki Sugihara. Numerical solution of integral equations by means of the sinc collocation method based on the double exponential transformation. *Journal of Computational and Applied Mathematics*, 177(2):269–286, May 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270400425X> ■
- Mantri:2008:QMB**
- [MNP08] Pritam S. Mantri, Neela Nataraj, and Amiya K. Pani. A qualocation method for Burgers’ equation. *Journal of Computational and Applied Mathematics*, 213(1):1–13, March 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000027> ■
- Malolepszy:2007:CBS**
- [MO07a] Tomasz Malolepszy and Wojciech Okrasiński. Conditions for blow-up of solutions of some nonlinear Volterra integral equations. *Journal of Computational and Applied Mathematics*, 205(2):

744–750, August 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003980>.

Momani:2007:NAD

[MO07b]

Shaher Momani and Zaid Odibat. Numerical approach to differential equations of fractional order. *Journal of Computational and Applied Mathematics*, 207(1): 96–110, October 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004651>.

[Moh05]

Momani:2008:NMN

[MO08]

Shaher Momani and Zaid Odibat. A novel method for nonlinear fractional partial differential equations: Combination of DTM and generalized Taylor’s formula. *Journal of Computational and Applied Mathematics*, 220(1–2):85–95, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004189>.

[Moh07]

Mendoza:2009:ZLA

[MOC09]

C. Díaz Mendoza, R. Orive, and H. Pijeira Cabrera. Zeros and logarithmic asymptotics of Sobolev orthogonal polynomials for exponential weights.

[Moh08]

Journal of Computational and Applied Mathematics, 233(3):691–698, December 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001137>.

Mohanty:2005:FVM

R. K. Mohanty. A family of variable mesh methods for the estimates of (du/dr) and solution of non-linear two point boundary value problems with singularity. *Journal of Computational and Applied Mathematics*, 182(1): 173–187, October 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704006090>.

Mohamad:2007:GES

Sannay Mohamad. Global exponential stability in DC-NNs with distributed delays and unbounded activations. *Journal of Computational and Applied Mathematics*, 205(1):161–173, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002627>.

Mohamad:2008:ESP

Sannay Mohamad. Exponential stability preservation in discrete-time analogues of ar-

- tificial neural networks with distributed delays. *Journal of Computational and Applied Mathematics*, 215(1):270–287, May 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002026>. [Mon07]
- Mohsen:2009:FTD**
- [Moh09] A. Mohsen. On the ijk forms of the truncated LU decomposition. *Journal of Computational and Applied Mathematics*, 233(2):582–584, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004208>. [Mon09]
- Moir:2005:AMS**
- [Moi05] Nicolette Moir. ARK methods: some recent developments. *Journal of Computational and Applied Mathematics*, 175(1):101–111, March 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704002420>. [Mor07]
- Moller:2007:SPE**
- [Möl07] H. Michael Möller. On square positive extensions and curvature formulas. *Journal of Computational and Applied Mathematics*, 199(1):80–88, February 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007405>. [Monegato:2007:SNP]
- G. Monegato. Some new problems in numerical integration. *Journal of Computational and Applied Mathematics*, 210(1–2):244–253, December 31, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006662>. [Monegato:2009:DPA]
- G. Monegato. Definitions, properties and applications of finite-part integrals. *Journal of Computational and Applied Mathematics*, 229(2):425–439, July 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001635>. [Moraca:2007:UBI]
- Nenad Morača. Upper bounds for the infinity norm of the inverse of SDD and \mathcal{S} -SDD matrices. *Journal of Computational and Applied Mathematics*, 206(2):666–678, September 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002420>. [Mor07]

- [//www.sciencedirect.com/science/article/pii/S0377042706005139](http://www.sciencedirect.com/science/article/pii/S0377042706005139) ■
- Motyl:2006:NMC**
- [Mot06] Elzbieta Motyl. A new method of calculation of the pressure in the stationary Navier–Stokes equations. *Journal of Computational and Applied Mathematics*, 189(1–2):207–219, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003699> ■
- Marin:2007:HFA**
- [MOZ07] A. M. Marín, R. D. Ortíz, and P. Zhevandrov. High-frequency asymptotics of waves trapped by underwater ridges and submerged cylinders. *Journal of Computational and Applied Mathematics*, 204(2):356–362, July 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003633> ■
- Mazzia:2006:TDM**
- [MP06a] Annamaria Mazzia and Mario Putti. Three-dimensional mixed finite element-finite volume approach for the solution of density-dependent flow in porous media. *Journal of Computational and Applied Mathematics*, 185(2):347–359, January 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001196> ■
- Mazzia:2006:P**
- [MP06b] Francesca Mazzia and Tiziano Politi. Preface. *Journal of Computational and Applied Mathematics*, 185(2):191–195, January 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500107X> ■
- Mainardi:2007:RFW**
- [MP07] Francesco Mainardi and Gianni Pagnini. The role of the Fox–Wright functions in fractional sub-diffusion of distributed order. *Journal of Computational and Applied Mathematics*, 207(2):245–257, October 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006017> ■
- Magnus:2008:FRC**
- [MP08a] Alphonse P. Magnus and Viviane Pierrard. Formulas for recurrence coefficients of orthogonal polynomials related to Lorentzian-like weights. *Journal of Computational and Applied Mathematics*, 219(2):431–440, October 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-

- 1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002543> ■
- Maruster:2008:MTI**
- [MP08b] Stefan Maruster and Cristina Popirlan. On the Mann-type iteration and the convex feasibility problem. *Journal of Computational and Applied Mathematics*, 212(2):390–396, March 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007382> ■
- Menendez:2007:MCP**
- [MPP07] M. L. Menéndez, J. A. Pardo, and L. Pardo. The moment-corrected phi-divergence test statistics for symmetry. *Journal of Computational and Applied Mathematics*, 202(2):315–327, May 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001427> ■
- Menendez:2009:CSC**
- [MPP09] M. L. Menéndez, L. Pardo, and M. C. Pardo. Confidence sets and coverage probabilities based on preliminary estimators in logistic regression models. *Journal of Computational and Applied Mathematics*, 224(1):193–203, February 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-
- 1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001891> ■
- Mishra:2007:GIN**
- [MPR07] S. K. Mishra, R. P. Pant, and J. S. Rautela. Generalized α -invexity and non-differentiable minimax fractional programming. *Journal of Computational and Applied Mathematics*, 206(1):122–135, September 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003864> ■
- Mainardi:2005:FFF**
- [MPS05] Francesco Mainardi, Gianni Pagnini, and R. K. Saxena. Fox H functions in fractional diffusion. *Journal of Computational and Applied Mathematics*, 178(1–2):321–331, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003826> ■
- Man:2006:GAF**
- [MPXK06] Chi-Sing Man, Roberto Paroni, Yu Xiang, and Edward A. Kenik. On the geometric autocorrelation function of polycrystalline materials. *Journal of Computational and Applied Mathematics*, 190(1–2):200–210, June 1, 2006. CODEN JCAMDI.

- ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002311>.
Menendez:2009:OSE [MRSZ07]
 [MPZ09] M. L. Menéndez, L. Pardo, and K. Zografos. Ordering and selecting extreme populations by means of entropies and divergences. *Journal of Computational and Applied Mathematics*, 232(2):335–350, October 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003616>.
Munoz:2009:NIM [MRV09]
 [MR09] J. F. Muñoz and M. Rueda. New imputation methods for missing data using quantiles. *Journal of Computational and Applied Mathematics*, 232(2):305–317, October 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003574>.
Morigi:2006:IMI [MRSZ06]
 [MRSZ06] S. Morigi, L. Reichel, F. Sgallari, and F. Zama. Iterative methods for ill-posed problems and semiconvergent sequences. *Journal of Computational and Applied Mathematics*, 193(1):157–167, August 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003857>.
Morigi:2007:IML
 S. Morigi, L. Reichel, F. Sgallari, and F. Zama. An iterative method for linear discrete ill-posed problems with box constraints. *Journal of Computational and Applied Mathematics*, 198(2):505–520, January 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007302>.
Messina:2009:CTE
 E. Messina, E. Russo, and A. Vecchio. A convolution test equation for double delay integral equations. *Journal of Computational and Applied Mathematics*, 228(2):589–599, June 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001404>.
Milovanovic:2005:BEG
 [MS05a] Gradimir V. Milovanović and Miodrag M. Spalević. Bounds of the error of Gauss–Turán-type quadratures. *Journal of Computational and Applied Mathematics*, 178(1–2):333–346, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778

- (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003838>. ■
- Muller:2005:HAN**
- [MS05b] Markus Müller and Dierk Schleicher. How to add a non-integer number of terms, and how to produce unusual infinite summations. *Journal of Computational and Applied Mathematics*, 178(1–2):347–360, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003851>. ■
- Milovanovic:2006:QRM**
- [MS06a] Gradimir V. Milovanović and Miodrag M. Spalević. Quadrature rules with multiple nodes for evaluating integrals with strong singularities. *Journal of Computational and Applied Mathematics*, 189(1–2):689–702, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003705>. ■
- Murat:2006:SPA**
- [MS06b] M. Murat and D. Szynal. On some properties of the “apparent length” distribution and a compound distribution. *Journal of Computational and Applied Mathematics*, 186(1):43–63, February 1, 2006. CODEN JCAMDI.
- (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705008125>. ■
- Milovanovic:2007:NBE**
- [MS07b] Gradimir V. Milovanović and Miodrag M. Spalević. A note on the bounds of the error of Gauss–Turán-type quadratures. *Journal of Computational and Applied Mathematics*, 200(1):276–282, March 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000343>. ■
- Marcellan:2007:SSR**
- [MS07a] Francisco Marcellán and Ridha Sfaxi. Second structure relation for semiclassical orthogonal polynomials. *Journal of Computational and Applied Mathematics*, 200(2):537–554, March 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001883>. ■
- Mohanty:2007:NTL**
- [MS07c] R. K. Mohanty and Swarn Singh. A new two-level implicit discretization of $O(k^2 + kh^2 + h^4)$ for the solution of singularly perturbed two-space dimensional non-linear parabolic equations. *Journal of Computational and Applied Mathematics*, 208(2):

- 391–403, November 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006121>. ■
- [MS07d] **Monaquel:2007:FOT** [MS09a] Shatha Jameel Monaquel and Karl Michael Schmidt. On M -functions and operator theory for non-self-adjoint discrete Hamiltonian systems. *Journal of Computational and Applied Mathematics*, 208(1): 82–101, November 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006285>. ■
- [MS08a] **Ma:2008:SCI** [MS09b] Yajun Ma and Jitao Sun. Stability criteria for impulsive systems on time scales. *Journal of Computational and Applied Mathematics*, 213(2):400–407, April 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000398>. ■
- [MS08b] **Monegato:2008:NET** [MS09c] Giovanni Monegato and Antonio Strozzi. The numerical evaluation of two integral transforms. *Journal of Computational and Applied Mathematics*, 211(2): 173–180, February 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000398>. ■
- Mansour:2009:KMS** Toufik Mansour and Chunwei Song. Kernel method and system of functional equations. *Journal of Computational and Applied Mathematics*, 224(1):133–139, February 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001830>. ■
- Mao:2009:EET** Shipeng Mao and Zhongci Shi. Error estimates of triangular finite elements under a weak angle condition. *Journal of Computational and Applied Mathematics*, 230(1): 329–331, August 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708006006>. ■
- Muller:2009:MFV** Siegfried Müller and Youssef Stiriba. A multilevel finite volume method with multiscale-based grid adaptation for steady compressible flows. *Journal of Computational and Applied Mathematics*, 227(2):223–233, May 15, 2009. CODEN JCAMDI.

ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001064>.

Merat:2009:IDP

[MSA09]

Kaveh Merat, Hassan Salarieh, and Aria Alasty. Implementation of dynamic programming for chaos control in discrete systems. *Journal of Computational and Applied Mathematics*, 233(2): 531–544, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004658>.

Marchuk:2005:AEA

[MSB05]

G. I. Marchuk, V. Shutyaev, and G. Bocharov. Adjoint equations and analysis of complex systems: Application to virus infection modelling. *Journal of Computational and Applied Mathematics*, 184(1): 177–204, December 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000762>.

Miellou:2008:NSC

[MSE08]

J. C. Miellou, P. Spiteri, and D. El Baz. A new stopping criterion for linear perturbed asynchronous iterations. *Journal of Computational and Applied Mathemat-*

ics, 219(2):471–483, October 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005158>.

Milovanovic:2008:RTG

[MSP08]

Gradimir V. Milovanović, Miodrag M. Spalević, and Miroslav S. Pranić. On the remainder term of Gauss–Radau quadratures for analytic functions. *Journal of Computational and Applied Mathematics*, 218(2): 281–289, September 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000556>.

Milovanovic:2009:EEG

[MSP09]

Gradimir V. Milovanović, Miodrag M. Spalević, and Miroslav S. Pranić. Error estimates for Gaussian quadratures of analytic functions. *Journal of Computational and Applied Mathematics*, 233(3):802–807, December 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001289>.

Mazroui:2005:RCH

[MST05]

A. Mazroui, D. Sbibi, and A. Tijini. A recursive construction of Hermite spline interpolants and applications.

- Journal of Computational and Applied Mathematics*, 183(1):67–83, November 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000038> ■
- [MSTT08] **Maryska:2008:MPF**
 Jirí Maryska, Otto Severýn, Miloslav Tauchman, and David Tondr. Modelling of processes in fractured rock using FEM/FVM on multi-dimensional domains. *Journal of Computational and Applied Mathematics*, 215(2):495–502, June 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007606> ■
- [MSZ07] **Manouzi:2007:WSF**
 Hassan Manouzi, Mohammed Seaid, and Mostafa Zahri. Wick-stochastic finite element solution of reaction-diffusion problems. *Journal of Computational and Applied Mathematics*, 203(2):516–532, June 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002317> ■
- [MT05] **Mastroianni:2005:NMG**
 G. Mastroianni and W. Themistoclakis. A numerical method for the generalized airfoil equation based on the de la Vallée Poussin interpolation. *Journal of Computational and Applied Mathematics*, 180(1):71–105, August 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004790> ■
- [MU08] **Miyagawa:2008:FSE**
 Yuu Miyagawa and Tsuyoshi Ueta. FEM for Schrödinger equation with Rashba effect. *Journal of Computational and Applied Mathematics*, 218(1):96–105, August 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003317> ■
- [Müh06a] **Mühlbach:2006:EBS**
 G. Mühlbach. ECT–B-splines defined by generalized divided differences. *Journal of Computational and Applied Mathematics*, 187(1):96–122, March 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001494> ■
- [Müh06b] **Mühlbach:2006:OSH**
 G. Mühlbach. One sided Hermite interpolation by piecewise different generalized polynomials. *Journal*

- of *Computational and Applied Mathematics*, 196(1): 285–298, November 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005649>. ■
- [Mur07] **Murthy:2007:ARA** [MV05b] A. S. Vasudeva Murthy. An alternate relaxation approximation to conservation laws. *Journal of Computational and Applied Mathematics*, 203(2):437–443, June 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002287>. ■
- [Mus09] **Mustapha:2009:NSS** [MV08] Kassem Mustapha. Numerical solution for a sub-diffusion equation with a smooth kernel. *Journal of Computational and Applied Mathematics*, 231(2): 735–744, September 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002738>. ■
- [MV05a] **Markovsky:2005:HPN** [MvdMV06] Ivan Markovsky and Sabine Van Huffel. High-performance numerical algorithms and software for structured total least squares. *Journal of Computational and Applied Mathematics*, 180(2): 311–331, August 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005254>. ■
- Matos:2005:SFP** Ana C. Matos and Jeannette Van Iseghem. Simultaneous Frobenius–Padé approximants. *Journal of Computational and Applied Mathematics*, 176(2):231–258, April 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003280>. ■
- Malengier:2008:PEC** B. Malengier and Roger Van Keer. Parameter estimation in convection dominated nonlinear convection–diffusion problems by the relaxation method and the adjoint equation. *Journal of Computational and Applied Mathematics*, 215(2):477–483, June 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007588>. ■
- [MV05b] **Misra:2006:ESP** Neeraj Misra, Edward C. van der Meulen, and Karlien Vanden Branden. On estimating the scale parameter of the selected gamma popu-

lation under the scale invariant squared error loss function. *Journal of Computational and Applied Mathematics*, 186(1):268–282, February 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002001> ■

Mastronardi:2008:FAR

[MVV08]

N. Mastronardi, M. Van Barel, and R. Vandebril. A fast algorithm for the recursive calculation of dominant singular subspaces. *Journal of Computational and Applied Mathematics*, 218(2):238–246, September 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000106> ■

Martin-Vaquero:2006:EFB

[MVVA06]

J. Martín-Vaquero and J. Vigo-Aguiar. Exponential fitting BDF algorithms: Explicit and implicit 0-stable methods. *Journal of Computational and Applied Mathematics*, 192(1):100–113, July 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003110> ■

Mastronardi:2006:CEC

[MVVV06]

N. Mastronardi, M. Van Barel, E. Van Camp, and

[MW09a]

R. Vandebril. On computing the eigenvectors of a class of structured matrices. *Journal of Computational and Applied Mathematics*, 189(1–2):580–591, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001573> ■

Ma:2007:IAS

[MW07]

Zhongtai Ma and Guochun Wen. Iterative approximation of solutions for semilinear parabolic equations system. *Journal of Computational and Applied Mathematics*, 209(2):167–175, December 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600673X> ■

Meek:2008:FBM

D. S. Meek and D. J. Walton. The family of biarcs that matches planar, two-point G^1 Hermite data. *Journal of Computational and Applied Mathematics*, 212(1):31–45, February 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007102> ■

Ma:2009:NLM

Cheng Ma and Changyu Wang. A nonsmooth

- Levenberg–Marquardt method for solving semi-infinite programming problems. *Journal of Computational and Applied Mathematics*, 230(2): 633–642, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000041>. **Ma:2009:ADM**
- [MW09b] Limin Ma and Zongmin Wu. Approximation to the k -th derivatives by multiquadric quasi-interpolation method. *Journal of Computational and Applied Mathematics*, 231(2):925–932, September 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003227>. **Meng:2008:BOS**
- [MY08] Qiong Meng and Jurang Yan. Bounded oscillation for second-order nonlinear neutral difference equations in critical and non-critical states. *Journal of Computational and Applied Mathematics*, 211(2):156–172, February 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007023>. **Meng:2006:BOS**
- [MW09c] D. S. Meek and D. J. Walton. A two-point G^1 Hermite interpolating family of spirals. *Journal of Computational and Applied Mathematics*, 223(1):97–113, January 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707006711>. **Meek:2009:TPH**
- [MYY05] Xuerong Mao, Chenggui Yuan, and G. Yin. Numerical method for stationary distribution of stochastic differential equations with Markovian switching. *Journal of Computational and Applied Mathematics*, 174(1):1–27, February 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704001657>. **Mao:2005:NMS**
- [MY06] Qiong Meng and Jurang Yan. Bounded oscillation for second-order nonlinear de- **Meng:2006:BOS**
- [MYY06] Ingrid Milléo, J. Yin, and **Mileo:2006:MNS**

- J. Y. Yuan. Minimization of ℓ_2 -norms of the SOR and MSOR operators. *Journal of Computational and Applied Mathematics*, 192(2): 431–444, August 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003729>. Mo:2006:VSM [MZW06]
- Xuerong Mao, Chenggui Yuan, and G. Yin. Approximations of Euler–Maruyama type for stochastic differential equations with Markovian switching, under non-Lipschitz conditions. *Journal of Computational and Applied Mathematics*, 205(2): 936–948, August 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004146>. Mao:2007:AEM [MYY07]
- Bálint Nagy. Analysis of the biological clock of neurospora. *Journal of Computational and Applied Mathematics*, 226(2):298–305, April 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004093>. Nagy:2009:ABC [Nag09]
- Shuping Ma, Chenghui Zhang, and Zhaolin Cheng. Delay-dependent robust H_∞ control for uncertain discrete-time singular systems with time-delays. *Journal of Computational and Applied Mathematics*, 217(1):194–211, July 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003494>. Ma:2008:DDR [MZC08] [NaLH07]
- Di Ning, Jun an Lu, and Xiuping Han. Dual synchronization based on two different chaotic systems: Lorenz systems and Rössler systems. *Journal of Computational and Applied Mathematics*, 206(2):1046–1050, September 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005772>. Ning:2007:DSB

- [NB06] **Noor:2006:MPP**
 Muhammad Aslam Noor and Abdellah Bnouhachem. Modified proximal-point method for nonlinear complementarity problems. *Journal of Computational and Applied Mathematics*, 197(2): 395–405, December 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006874> ■
- [Neu08] **Neumaier:2008:CEB**
 Arnold Neumaier. Certified error bounds for uncertain elliptic equations. *Journal of Computational and Applied Mathematics*, 218(1): 125–136, August 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003342> ■
- [NBSV08] **Nguyen-Ba:2008:HBO**
 Truong Nguyen-Ba, Philip W. Sharp, and Rémi Vaillancourt. Hermite–Birkhoff–Obrechhoff four-stage four-step ODE solver of order 14 with quantized step size. *Journal of Computational and Applied Mathematics*, 222(2):608–621, December 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707006358> ■
- [NGS05] **Nowak:2005:PEA**
 U. Nowak, A. Grah, and M. Schreier. Parameter estimation and accuracy matching strategies for 2-D reactor models. *Journal of Computational and Applied Mathematics*, 183(2):301–311, November 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000671> ■
- [Ned08] **Nedzhibov:2008:FMP**
 Gyurhan H. Nedzhibov. A family of multi-point iterative methods for solving systems of nonlinear equations. *Journal of Computational and Applied Mathematics*, 222(2): 244–250, December 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000671> ■
- [NH08] **Nakao:2008:GEB**
 Mitsuhiro T. Nakao and Kouji Hashimoto. Guaranteed error bounds for finite element approximations of non-coercive elliptic problems and their applications. *Journal of Computational and Applied Mathematics*, 218(1): 106–115, August 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000671> ■

- (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003329>. ■
- [NHN07] **Nagatou:2007:NVS** K. Nagatou, K. Hashimoto, and M. T. Nakao. Numerical verification of stationary solutions for Navier–Stokes problems. *Journal of Computational and Applied Mathematics*, 199(2):445–451, February 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007855>. ■
- [Nig07] **Nigsch:2007:NST** Martin Nigsch. Numerical studies of time-independent and time-dependent scattering by several elliptical cylinders. *Journal of Computational and Applied Mathematics*, 204(2):231–241, July 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003530>. ■
- [NK08] **Nadarajah:2008:PPT** Saralees Nadarajah and Samuel Kotz. A product Pearson-type VII density distribution. *Journal of Computational and Applied Mathematics*, 211(1):103–113, January 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270900051X>. ■
- [NKA09] **Niki:2009:EGM** Hiroshi Niki, Toshiyuki Kohno, and Kuniyoshi Abe. An extended GS method for dense linear systems. *Journal of Computational and Applied Mathematics*, 231(1):177–186, September 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042710002037>. ■
- [NK10] **Niki:2010:CCT** Hiroshi Niki and Toshiyuki Kohno. Comment on ‘A comparison theorem of the SOR iterative method’. *Journal of Computational and Applied Mathematics*, 234(12):3507–3510, October 15, 2010. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006753>. ■
- [Nke05] **Nkemzi:2005:PEA** Boniface Nkemzi. The Poisson equation in axisymmetric domains with conical points. *Journal of Computational and Applied Mathematics*, 174(2):399–421, February 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006753>. ■
- See [yS05].

- //www.sciencedirect.com/science/article/pii/S0377042704002249. **Niki:2008:PGS**
- [NKM08] Hiroshi Niki, Toshiyuki Kohno, and Munenori Morimoto. The preconditioned Gauss–Seidel method faster than the SOR method. *Journal of Computational and Applied Mathematics*, 219(1):59–71, September 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003639>. See erratum [LC09b].
- [NL05] Assi N’Guessan and Claude Langrand. A Schur complement approach for computing subcovariance matrices arising in a road safety measure modelling. *Journal of Computational and Applied Mathematics*, 177(2):331–345, May 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004297>. **NGuessan:2005:SCA**
- [NM06] M. A. Niksirat and B. Mehri. On the existence of positive solution for second-order multi-points boundary value problems. *Journal of Computational and Applied Mathematics*, 193(1):269–276, August 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003475>. **Niksirat:2006:EPS**
- [NMKS09] Nabil R. Nassif, Noha Makhoul-Karam, and Yeran Soukiassian. Computation of blowing-up solutions for second-order differential equations using re-scaling techniques. *Journal of Computational and Applied Mathematics*, 227(1):185–195, May 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003518>. **Nassif:2009:CBS**
- [NMM07] Ahniyaz Nurmuhhammad, Mayinur Muhammad, and Masatake Mori. Sinc–Galerkin method based on the DE transformation for the boundary value problem of fourth-order ODE. *Journal of Computational and Applied Mathematics*, 206(1):17–26, September 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003475>. **Nurmuhhammad:2007:SGM**
- [NMMS05] Ahniyaz Nurmuhhammad, Mayinur Muhammad, Masatake Mori, and Masaaki Sugihara. Double exponential transfor-

- mation in the sinc-collocation method for a boundary value problem with fourth-order ordinary differential equation. *Journal of Computational and Applied Mathematics*, 182(1):32–50, October 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005990>.^[NP06]
- Noor:2005:HLI**
- [Noo05] Muhammad Aslam Noor. Hemivariational-like inequalities. *Journal of Computational and Applied Mathematics*, 182(2):316–326, October 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704006211>.
- Noumi:2007:SFA** ^[NP07]
- [Nou07] Masatoshi Noumi. Special functions arising from discrete Painlevé equations: a survey. *Journal of Computational and Applied Mathematics*, 202(1):48–55, May 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001142>.
- Novati:2008:CRD** ^[NP08]
- [Nov08] Paolo Novati. On the construction of restricted-denominator exponential W -methods. *Journal of Computational and Applied Mathematics*, 212(1):86–101, February 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007175>.
- Noschese:2006:ECN**
- S. Noschese and L. Pasquini. Eigenvalue condition numbers: Zero-structured versus traditional. *Journal of Computational and Applied Mathematics*, 185(1):174–189, January 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000567>.
- Noschese:2007:EPC**
- S. Noschese and L. Pasquini. Eigenvalue patterned condition numbers: Toeplitz and Hankel cases. *Journal of Computational and Applied Mathematics*, 206(2):615–624, September 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005085>.
- Nawratil:2008:SSF**
- Georg Nawratil and Helmut Pottmann. Subdivision schemes for the fair discretization of the spherical motion group. *Journal*

- of *Computational and Applied Mathematics*, 222(2): 574–591, December 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707006334>.
Nie:2009:ESP
- [NPTH09] Linfei Nie, Jigen Peng, Zhi-dong Teng, and Lin Hu. Existence and stability of periodic solution of a Lotka–Volterra predator–prey model with state dependent impulsive effects. *Journal of Computational and Applied Mathematics*, 224(2):544–555, February 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002616>. See comment [TSC10].
- Ning:2006:ICB**
- [NQDJ06] Bi Ning, Dai Qinyun, Huang Daren, and Fang Ji. Image coding based on multi-band wavelet and adaptive quad-tree partition. *Journal of Computational and Applied Mathematics*, 195(1–2):2–7, October 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500467X>.
Naumov:2009:TBH
- [NS09a] Maxim Naumov and Ahmed H. Sameh. A tearing-based hybrid parallel banded linear system solver. *Journal of Computational and Applied Mathematics*, 226(2):306–318, April 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800410X>.
Nguyen:2009:FEW
- [NS09b] Hoang Nguyen and Rob Stevenson. Finite element wavelets with improved quantitative properties. *Journal of Computational and Applied Mathematics*, 230(2): 706–727, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000107>.
Nilsrakoo:2009:WCT
- [NS09c] Weerayuth Nilsrakoo and Satit Saejung. Weak convergence theorems for a countable family of Lipschitzian mappings. *Journal of Computational and Applied Mathematics*, 230(2): 451–462, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708006420>.
Nguyen:2007:ATI
- [NSC07] Hoang Si Nguyen, Roger B.

- Sidje, and Nguyen Huu Cong. Analysis of trigonometric implicit Runge–Kutta methods. *Journal of Computational and Applied Mathematics*, 198(1):187–207, January 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007867>. **Nishida:2007:SMP** [NSS06]
- [NSK07] Tetsushi Nishida, Kokichi Sugihara, and Masato Kimura. Stable marker-particle method for the Voronoi diagram in a flow field. *Journal of Computational and Applied Mathematics*, 202(2):377–391, May 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001464>. **Nanazawa:2009:MST** [NSS07]
- [NSK09] Youhei Nanazawa, Hiroshi Suito, and Hideo Kawarada. Mathematical study of trade-off relations in logistics systems. *Journal of Computational and Applied Mathematics*, 232(1):122–126, October 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005517>. **Njaastad:2007:DVS** [NST08]
- [NSL07] O. Njåstad and J. C. Santos-León. Domain of validity of Szegő quadrature formulas. *Journal of Computational and Applied Mathematics*, 202(2):440–449, May 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001518>. **Neuberger:2006:CEK**
- John M. Neuberger, Nándor Sieben, and James W. Swift. Computing eigenfunctions on the Koch snowflake: a new grid and symmetry. *Journal of Computational and Applied Mathematics*, 191(1):126–142, June 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002669>. **Niu:2007:VMB**
- Xiao-Ming Niu, Tetsuya Sakurai, and Hiroshi Sugiyama. A verified method for bounding clusters of zeros of analytic functions. *Journal of Computational and Applied Mathematics*, 199(2):263–270, February 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007600>. **Nielsen:2008:PMN**
- Bjørn Fredrik Nielsen, Ola Skavhaug, and Aslak Tveito.

- Penalty methods for the numerical solution of American multi-asset option problems. *Journal of Computational and Applied Mathematics*, 222(1):3–16, December 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005456> ■
- Noutsos:2006:OIC**
- [NT06] D. Noutsos and M. Tzoumas. On optimal improvements of classical iterative schemes for Z -matrices. *Journal of Computational and Applied Mathematics*, 188(1):89–106, April 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001640> ■
- Nedoma:2008:SHM**
- [NT08] Jirí Nedoma and Lubos Tomásek. On a solvability of hydro-mechanical problem based on contact problem with visco-plastic friction in Bingham rheology. *Journal of Computational and Applied Mathematics*, 218(1):116–124, August 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003330> ■
- Nesliturk:2006:FEM**
- [NTS06] A. I. Nesliturk and M. Tezer- [OA06]
- Sezgin. Finite element method solution of electrically driven magnetohydrodynamic flow. *Journal of Computational and Applied Mathematics*, 192(2):339–352, August 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003559> ■
- Nerinckx:2008:TMU**
- [NVD08] Krista Nerinckx, Jan Vierendeels, and Erik Dick. Three Mach-uniform algorithms. *Journal of Computational and Applied Mathematics*, 215(2):521–527, June 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007631> ■
- Nakamura:2008:NDS**
- [NWW08] Gen Nakamura, Shengzhang Wang, and Yanbo Wang. Numerical differentiation for the second order derivatives of functions of two variables. *Journal of Computational and Applied Mathematics*, 212(2):341–358, March 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007357> ■
- Ogata:2006:FSMb**
- Hidenori Ogata and Kaname

- Amano. A fundamental solution method for three-dimensional viscous flow problems with obstacles in a periodic array. *Journal of Computational and Applied Mathematics*, 193(1):302–318, August 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003936>. **Oliveira:2009:WQR**
- [OMV09] Saulo P. Oliveira, Alexandre L. Madureira, and Frederic Valentin. Weighted quadrature rules for finite element methods. *Journal of Computational and Applied Mathematics*, 227(1):93–101, May 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003324>.
- [Oga06] Hidenori Ogata. A fundamental solution method for three-dimensional Stokes flow problems with obstacles in a planar periodic array. *Journal of Computational and Applied Mathematics*, 189(1–2):622–634, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003663>. **Ogata:2006:FSMa**
- [OOM⁺07] K. Ozaki, T. Ogita, S. Miyajima, S. Oishi, and S. M. Rump. A method of obtaining verified solutions for linear systems suited for Java. *Journal of Computational and Applied Mathematics*, 199(2):337–344, February 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007697>. **Ozaki:2007:MOV**
- [OMC08] Femke Olyslager, Lieven Meert, and Kristof Cools. The fast multipole method in electromagnetics applied to the simulation of metamaterials. *Journal of Computational and Applied Mathematics*, 215(2):528–537, June 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007643>. **Olyslager:2008:FMM**
- [OOO⁺07] M. Ohmiya, H. Ohkura, D. Okaue, D. Saitoh, and T. Shiba. Benjamin–Feir type instability of sine-Gordon equation and spectrum of Lamé equation. *Journal of Computational and Applied Mathematics*, 207(2):345–351, October 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007697>. **Ohmiya:2007:BFT**

- (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005966>.
Ooura:2008:ITQ [OS07a]
 [Oou08] Takuya Ooura. An IMT-type quadrature formula with the same asymptotic performance as the DE formula. *Journal of Computational and Applied Mathematics*, 213(1): 232–239, March 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000301>.
- Olmos:2006:PMS** [OS07b]
 [OS06a] Daniel Olmos and Bernie D. Shizgal. A pseudospectral method of solution of Fisher's equation. *Journal of Computational and Applied Mathematics*, 193(1): 219–242, August 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003894>.
- Omelyan:2006:ICF** [OS07c]
 [OS06b] I. P. Omelyan and V. B. Solovyan. Improved cubature formulae of high degrees of exactness for the square. *Journal of Computational and Applied Mathematics*, 188(2):190–204, April 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002165>.
- Obermaier:2007:NLL**
 Josef Obermaier and Ryszard Szwarc. Nonnegative linearization for little q -Laguerre polynomials and Faber basis. *Journal of Computational and Applied Mathematics*, 199(1):89–94, February 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007417>.
- Ohmori:2007:CFE**
 Katsushi Ohmori and Norikazu Saito. On the convergence of finite element solutions to the interface problem for the Stokes system. *Journal of Computational and Applied Mathematics*, 198(1): 116–128, January 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007090>.
- O'Riordan:2007:TPP**
 E. O'Riordan and G. I. Shishkin. A technique to prove parameter-uniform convergence for a singularly perturbed convection–diffusion equation. *Journal of Computational and Applied Mathematics*, 206(1): 136–145, September 1, 2007. CODEN JCAMDI. ISSN

- 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003876>.
Ohmori:2009:SRF [Osa08]
 [OS09] Katsushi Ohmori and Norikazu Saito. Some remarks on the flux-free finite element method for immiscible two-fluid flows. *Journal of Computational and Applied Mathematics*, 232(1):127–138, October 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005529>.
Osada:2006:AEC
 [Osa06] Naoki Osada. Asymptotic error constants of cubically convergent zero finding methods. *Journal of Computational and Applied Mathematics*, 196(2):347–357, November 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005686>.
Osada:2007:OPF [OW06a]
 [Osa07] Naoki Osada. A one parameter family of locally quartically convergent zero-finding methods. *Journal of Computational and Applied Mathematics*, 205(1):116–128, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002597>.
Osada:2008:CHM
 Naoki Osada. Chebyshev–Halley methods for analytic functions. *Journal of Computational and Applied Mathematics*, 216(2):585–599, July 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003093>.
Oishi:2007:CRM
 Shin’ichi Oishi, Kunio Tanabe, Takeshi Ogita, and Siegfried M. Rump. Convergence of Rump’s method for inverting arbitrarily ill-conditioned matrices. *Journal of Computational and Applied Mathematics*, 205(1):533–544, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003360>.
OMalley:2006:DAE
 Robert E. O’Malley, Jr. and David B. Williams. Deriving amplitude equations for weakly-nonlinear oscillators and their generalizations. *Journal of Computational and Applied Mathematics*, 190(1–2):3–21, June 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-

- 1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002189>. **Ou:2006:MFF**
- [OW06b] Chunhua Ou and Michael J. Ward. A metastable flame-front interface and Carrier's problem. *Journal of Computational and Applied Mathematics*, 190(1–2):354–375, June 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002402>. **ORegan:2007:SWS**
- [OYA07] Donal O'Regan, Baoqiang Yan, and Ravi. P. Agarwal. Solutions in weighted spaces of singular boundary value problems on the half-line. *Journal of Computational and Applied Mathematics*, 205(2):751–763, August 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003992>. **Ou:2009:OBT**
- [OZL09] Yigui Ou, Qian Zhou, and Haichan Lin. An ODE-based trust region method for unconstrained optimization problems. *Journal of Computational and Applied Mathematics*, 232(2):318–326, October 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003598>. **Ouyang:2005:OCO**
- [OZY05] Zigen Ouyang, Shengfan Zhou, and Fuqi Yin. Oscillation for a class of odd-order delay parabolic differential equations. *Journal of Computational and Applied Mathematics*, 175(2):305–319, March 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704002341>. **Paris:2005:AAI**
- [Par05a] R. B. Paris. An asymptotic approximation for incomplete Gauss sums. *Journal of Computational and Applied Mathematics*, 180(2):461–477, August 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270400545X>. **Paris:2005:KTT**
- [Par05b] R. B. Paris. A Kummer-type transformation for a ${}_2F_2$ hypergeometric function. *Journal of Computational and Applied Mathematics*, 173(2):379–382, January 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002189>.

- [//www.sciencedirect.com/science/article/pii/S0377042704002237](http://www.sciencedirect.com/science/article/pii/S0377042704002237) ■
- Park:2005:GHU**
- [Par05c] Chun-Gil Park. Generalized Hyers–Ulam–Rassias stability of n -sesquilinear-quadratic mappings on Banach modules over C^* -algebras. *Journal of Computational and Applied Mathematics*, 180(2): 279–291, August 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005230> ■
- Paris:2007:UHEb**
- [Par07a] R. B. Paris. On the use of Hadamard expansions in hyperasymptotic evaluation of Laplace-type integrals-III: Clusters of saddle points. *Journal of Computational and Applied Mathematics*, 207(2):273–290, October 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006066> ■
- Paris:2007:UHEa**
- [Par07b] R. B. Paris. On the use of Hadamard expansions in hyperasymptotic evaluation of Laplace-type integrals-IV: Poles. *Journal of Computational and Applied Mathematics*, 206(1): 454–472, September 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004997> ■
- Paris:2008:AAI**
- [Par08a] R. B. Paris. An asymptotic approximation for incomplete Gauss sums. II. *Journal of Computational and Applied Mathematics*, 212(1): 16–30, February 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007096> ■
- Park:2008:ACM**
- [Par08b] Ju H. Park. Adaptive control for modified projective synchronization of a four-dimensional chaotic system with uncertain parameters. *Journal of Computational and Applied Mathematics*, 213(1):288–293, March 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007242> ■
- Paris:2009:ANE**
- [Par09a] R. B. Paris. The asymptotics of a new exponential sum. *Journal of Computational and Applied Mathematics*, 223(1):314–325, January 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007242> ■

- [//www.sciencedirect.com/science/article/pii/S0377042708000174](http://www.sciencedirect.com/science/article/pii/S0377042708000174) **Perrey-Debain:2006:PWD** [PD06]
- [Par09b] R. B. Paris. The asymptotics of the generalised Hermite–Bell polynomials. *Journal of Computational and Applied Mathematics*, 232(2): 216–226, October 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003458> **Paris:2009:AGH**
- [Par09c] R. B. Paris. High-precision evaluation of the Bessel functions via Hadamard series. *Journal of Computational and Applied Mathematics*, 224(1):84–100, February 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001799> **Paris:2009:HPE** [PDM08]
- [PC05] Tim Pillards and Ronald Cools. Transforming low-discrepancy sequences from a cube to a simplex. *Journal of Computational and Applied Mathematics*, 174(1): 29–42, February 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704001694> **Pillard:2005:TLD** [Ped05]
- E. Perrey-Debain. Plane wave decomposition in the unit disc: Convergence estimates and computational aspects. *Journal of Computational and Applied Mathematics*, 193(1):140–156, August 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003845>
- Sulin Pang, Feiqi Deng, and Xuerong Mao. Almost sure and moment exponential stability of Euler–Maruyama discretizations for hybrid stochastic differential equations. *Journal of Computational and Applied Mathematics*, 213(1):127–141, March 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000118> **Pang:2008:ASM**
- Henrik L. Pedersen. Canonical products of small order and related pick functions. *Journal of Computational and Applied Mathematics*, 175(2):245–263, March 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704002316> **Pedersen:2005:CPS**

- [Ped09] **Pedersen:2009:LOT**
 Henrik L. Pedersen. Logarithmic order and type of indeterminate moment problems II. *Journal of Computational and Applied Mathematics*, 233(3):808–814, December 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001290>.^[Pet08]
- [Pet05] **Petersen:2005:ABS**
 Vigdis Brevik Petersen. Asymptotic behavior of Szegő polynomials. *Journal of Computational and Applied Mathematics*, 179(1–2):303–311, July 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004558>.^[Pet09a]
- [Pet07a] **Petras:2007:PVN**
 Knut Petras. Principles of verified numerical integration. *Journal of Computational and Applied Mathematics*, 199(2):317–328, February 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007673>.
- [Pet07b] **Petronilho:2007:GFV**
 J. Petronilho. Generic formulas for the values at the singular points of some special monic classical $H_{q,\omega}$ -orthogonal polynomials. *Journal of Computational and Applied Mathematics*, 205(1):314–324, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003207>.
- [Pet09b] **Petronilho:2008:OPU**
 J. Petronilho. Orthogonal polynomials on the unit circle via a polynomial mapping on the real line. *Journal of Computational and Applied Mathematics*, 216(1):98–127, June 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002221>.
- [Pet09c] **Petkovic:2009:RHV**
 M. S. Petković. A remark on He’s variational iteration technique for solving nonlinear equations. *Journal of Computational and Applied Mathematics*, 233(4):1187–1189, December 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709005895>. See [He07].
- [Pet09d] **Petkovic:2009:SVM**
 Miodrag S. Petković. The self-validated method for polynomial zeros of high efficiency. *Journal of Compu-*

- tational and Applied Mathematics*, 233(4):1175–1186, December 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709006384>.
Parida:2007:RRN [Pie08]
- [PG07] P. K. Parida and D. K. Gupta. Recurrence relations for a Newton-like method in Banach spaces. *Journal of Computational and Applied Mathematics*, 206(2):873–887, September 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706905280>.
Peng:2009:PSH [Pie09]
- [PH09] Fengfu Peng and Xuli Han. Parametric splines on a hyperbolic paraboloid. *Journal of Computational and Applied Mathematics*, 229(1):183–191, July 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005554>.
Pelovska:2006:NML [PIP07]
- [PI06] Galena Pelovska and Mimmo Iannelli. Numerical methods for the Lotka–McKendrick’s equation. *Journal of Computational and Applied Mathematics*, 197(2):534–557, December 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006989>.
Pierce:2008:RHP
- Virgil U. Pierce. A Riemann–Hilbert problem for skew-orthogonal polynomials. *Journal of Computational and Applied Mathematics*, 215(1):230–241, May 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001999>.
Pierantozzi:2009:FED
- Teresa Pierantozzi. Fractional evolution Dirac-like equations: Some properties and a discrete von Neumann-type analysis. *Journal of Computational and Applied Mathematics*, 224(1):284–295, February 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002082>.
Petkovic:2007:PEB
- Miodrag S. Petković, Snezana Ilić, and Ivan Petković. A posteriori error bound methods for the inclusion of polynomial zeros. *Journal of Computational and Applied Mathematics*, 208(2):

- 316–330, November 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005851> [PJ06b]
- Pironneau:2009:COR**
- [Pir09] Olivier Pironneau. Calibration of options on a reduced basis. *Journal of Computational and Applied Mathematics*, 232(1):139–147, October 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005530> [PJ08]
- Pitselis:2009:SSB**
- [Pit09] Georgios Pitselis. Solvency supervision based on a total balance sheet approach. *Journal of Computational and Applied Mathematics*, 233(1):83–96, November 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004336>
- Pechstein:2006:MPI** [PK06]
- [PJ06a] Clemens Pechstein and Bert Jüttler. Monotonicity-preserving interproximation of B - H -curves. *Journal of Computational and Applied Mathematics*, 196(1):45–57, November 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005169>
- Portero:2006:GPR**
- L. Portero and J. C. Jorge. A generalization of Peaceman–Rachford fractional step method. *Journal of Computational and Applied Mathematics*, 189(1–2):676–688, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003687>
- Portero:2008:NCS**
- L. Portero and J. C. Jorge. A new class of second order linearly implicit fractional step methods. *Journal of Computational and Applied Mathematics*, 218(2):603–615, September 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000277>
- Paris:2006:HEP**
- R. B. Paris and D. Kaminski. Hyperasymptotic evaluation of the Pearcey integral via Hadamard expansions. *Journal of Computational and Applied Mathematics*, 190(1–2):437–452, June 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002451>

- [PK07] **Popova:2007:IOB**
 Evgenija Popova and Walter Krämer. Inner and outer bounds for the solution set of parametric linear systems. *Journal of Computational and Applied Mathematics*, 199(2):310–316, February 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007661>.
- [PKS⁺09] **Pashos:2009:SSL**
 George Pashos, Michail E. Kavousanakis, Antony N. Spyropoulos, John A. Palyvos, and Andreas G. Boudouvis. Simultaneous solution of large-scale linear systems and eigenvalue problems with a parallel GMRES method. *Journal of Computational and Applied Mathematics*, 227(1):196–205, May 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002781>.
- [PK09a] **Papatheodorou:2009:NNT**
 Theodore S. Papatheodorou and Anastasia N. Kandili. Novel numerical techniques based on Fokas transforms, for the solution of initial boundary value problems. *Journal of Computational and Applied Mathematics*, 227(1):75–82, May 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003300>.
- [Ple09] **Plesniak:2009:MJI**
 W. Pleśniak. Multivariate Jackson inequality. *Journal of Computational and Applied Mathematics*, 233(3):815–820, December 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001307>.
- [PK09b] **Plubtieng:2009:WCT**
 Somyot Plubtieng and Poom Kumam. Weak convergence theorem for monotone mappings and a countable family of nonexpansive mappings. *Journal of Computational and Applied Mathematics*, 224(2):614–621, February 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001307>.
- [PLGS09] **Periaux:2009:FRA**
 J. Periaux, D. S. Lee, L. F. Gonzalez, and K. Srinivas. Fast reconstruction of aerodynamic shapes using evolutionary algorithms and virtual Nash strategies in a CFD design environment. *Journal of Computational and Applied Mathematics*, 232

- (1):61–71, October 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005451> ■
- Pettersson:2008:IRB**
- [PLMP08] Ulrika Pettersson, Elisabeth Larsson, Gunnar Marcusson, and Jonas Persson. Improved radial basis function methods for multi-dimensional option pricing. *Journal of Computational and Applied Mathematics*, 222(1):82–93, December 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700550X> ■
- Liu:2007:MQM**
- [pLT07] Ya ping Liu and Lü Tao. Mechanical quadrature methods and their extrapolation for solving first kind Abel integral equations. *Journal of Computational and Applied Mathematics*, 201(1):300–313, April 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001075> ■
- Petkovic:2005:NHO**
- [PM05] Miodrag S. Petković and Dusan M. Milosević. A new higher-order family of inclusion zero-finding methods. *Journal of Computa-*
- tional and Applied Mathematics*, 182(2):416–432, October 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704006387> ■
- Phat:2006:SLT**
- [PN06] Vu N. Phat and Piyapong Niamsup. Stability of linear time-varying delay systems and applications to control problems. *Journal of Computational and Applied Mathematics*, 194(2):343–356, October 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500498X> ■
- Poklucar:2006:NFJ**
- [Pok06] Darja Rupnik Poklucar. Non-linear filtering for jump-diffusions. *Journal of Computational and Applied Mathematics*, 197(2):558–567, December 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006990> ■
- Philos:2005:BSP**
- [PP05] Ch. G. Philos and I. K. Purnaras. The behavior of the solutions of periodic linear neutral delay difference equations. *Journal of Computational and Applied Mathemat-*

ics, 175(2):209–230, March 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704002298>■

Picq:2008:RTE

[PP08]

Martine Picq and Jérôme Pousin. Resolution of the transport equation subject to constraint. *Journal of Computational and Applied Mathematics*, 218(2):364–375, September 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700194X>■

Picasso:2009:AA

[PP09]

Marco Picasso and Virabouth Prachittham. An adaptive algorithm for the Crank–Nicolson scheme applied to a time-dependent convection–diffusion problem. *Journal of Computational and Applied Mathematics*, 233(4):1139–1154, December 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709006268>■

Pelayo:2007:GSS

[PPG07]

Fernando L. Pelayo, Maria L. Pelayo, and Juan L. G. Guirao. Generating the syntactic and semantics graphs for a Markovian process al-

gebra. *Journal of Computational and Applied Mathematics*, 204(1):38–47, July 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002378>■

Petkovic:2007:PES

[PPR07]

Miodrag S. Petković, Ljiljana D. Petković, and Lidija Z. Rancić. Point estimation of simultaneous methods for solving polynomial equations: a survey (II). *Journal of Computational and Applied Mathematics*, 205(1):32–52, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002548>■

Pavlidis:2005:CNE

[PPV05]

N. G. Pavlidis, K. E. Parsopoulos, and M. N. Vrahatis. Computing Nash equilibria through computational intelligence methods. *Journal of Computational and Applied Mathematics*, 175(1):113–136, March 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704002444>■

Plaza:2005:AAT

[PR05]

A. Plaza and M. C. Rivara. Average adjacencies for tetra-

hedral skeleton-regular partitions. *Journal of Computational and Applied Mathematics*, 177(1):141–158, May 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004194>. [Pre08a]

Polezzi:2007:DVB

[PR07]

M. Polezzi and A. Sri Ranga. On the denominator values and barycentric weights of rational interpolants. *Journal of Computational and Applied Mathematics*, 200(2):576–590, March 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000379>.

Pasadas:2008:MAP

[PR08a]

M. Pasadas and M. L. Rodríguez. Multivariate approximation by PDE splines. *Journal of Computational and Applied Mathematics*, 218(2):556–567, September 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005808>. [Pre09]

Polak:2008:ESS

[PR08b]

E. Polak and J. O. Royset. Efficient sample sizes in stochastic nonlinear programming. *Journal of Computational and Applied Mathematics*,

217(2):301–310, August 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700091X>.

Prentice:2008:RMN

J. S. C. Prentice. The RKGL method for the numerical solution of initial-value problems. *Journal of Computational and Applied Mathematics*, 213(2):477–487, April 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700057X>.

Prevost:2008:LMM

Marc Prévost. Legendre modified moments for Euler’s constant. *Journal of Computational and Applied Mathematics*, 219(2):484–492, October 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005134>.

Prentice:2009:GEP

J. S. C. Prentice. General error propagation in the RKGLM method. *Journal of Computational and Applied Mathematics*, 228(1):344–354, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000379>.

[//www.sciencedirect.com/science/article/pii/S0377042708005025](http://www.sciencedirect.com/science/article/pii/S0377042708005025)

Perez-Rodriguez:2009:IRM

- [PRGPS09] S. Perez-Rodriguez, S. Gonzalez-Pinto, and B. P. Sommeijer. An iterated Radau method for time-dependent PDEs. *Journal of Computational and Applied Mathematics*, 231(1):49–66, September 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000399>

Papadakis:2009:APO

- [PRL09] K. Papadakis, O. Ragos, and C. Litzerinos. Asymmetric periodic orbits in the photogravitational Copenhagen problem. *Journal of Computational and Applied Mathematics*, 227(1):102–114, May 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003336>

Petkovic:2008:EHO

- [PRP08] Ljiljana D. Petković, Lidija Rancić, and Miodrag S. Petković. An efficient higher order family of root finders. *Journal of Computational and Applied Mathematics*, 216(1):56–72, June 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005025>

[//www.sciencedirect.com/science/article/pii/S037704270700218X](http://www.sciencedirect.com/science/article/pii/S037704270700218X)

Paternoster:2009:P

- Beatrice Paternoster, Elvira Russo, and Antonia Vecchio. Preface. *Journal of Computational and Applied Mathematics*, 228(2):503, June 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001313>

Prevost:2008:ICA

- [PRZW08] Marc Prévost, Michela Redivo-Zaglia, and Franck Wielonsky. International Conference on Approximation and Iterative Methods. *Journal of Computational and Applied Mathematics*, 219(2):327–328, October 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700622X>

Psihoyios:2005:FAO

- [PS05] G. Psihoyios and T. E. Simos. A fourth algebraic order trigonometrically fitted predictor–corrector scheme for IVPs with oscillating solutions. *Journal of Computational and Applied Mathematics*, 175(1):137–147, March 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005025>

- [//www.sciencedirect.com/science/article/pii/S0377042704002535](http://www.sciencedirect.com/science/article/pii/S0377042704002535) ■
- Pandey:2007:CFD**
- [PS07a] R. K. Pandey and Arvind K. Singh. On the convergence of finite difference methods for weakly regular singular boundary value problems. *Journal of Computational and Applied Mathematics*, 205(1):469–478, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003311> ■
- Pandey:2009:CFO**
- [PS09a] R. K. Pandey and Arvind K. Singh. On the convergence of a fourth-order method for a class of singular boundary value problems. *Journal of Computational and Applied Mathematics*, 224(2):734–742, February 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003002> ■
- Potthast:2007:MRT**
- [PS07b] Roland Potthast and Jochen Schulz. A multiwave range test for obstacle reconstructions with unknown physical properties. *Journal of Computational and Applied Mathematics*, 205(1):53–71, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600255X> ■
- Potthast:2009:GMI**
- [PS09b] Marko D. Petković and Predrag S. Stanimirović. Generalized matrix inversion is not harder than matrix multiplication. *Journal of Computational and Applied Mathematics*, 230(1):270–282, August 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708006237> ■
- Pelosi:2008:SPH**
- [PS08] Francesca Pelosi and Paul Sablonnière. Shape-preserving C^1 Hermite interpolants generated by a Gori–Pitolli subdivision scheme. *Journal of Computational and Applied Mathematics*, 220(1–2):686–711, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708006237> ■
- Punzi:2008:MCD**
- [PSV08] Alessandro Punzi, Alvis Sommariva, and Marco Vianello. Meshless cubature over the disk using thin-plate splines. *Journal of Computational and Applied Mathematics*, 221(2):430–436, November 15, 2008. CODEN JCAMDI.

ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005742>■

Pedas:2006:SCM

[PT06]

Arvet Pedas and Enn Tamme. Spline collocation method for integro-differential equations with weakly singular kernels. *Journal of Computational and Applied Mathematics*, 197(1):253–269, December 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500659X>■

Pedas:2008:DGM

[PT08a]

Arvet Pedas and Enn Tamme. Discrete Galerkin method for Fredholm integro-differential equations with weakly singular kernels. *Journal of Computational and Applied Mathematics*, 213(1):111–126, March 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700009X>■

Peng:2008:DDR

[PT08b]

Chen Peng and Yu-Chu Tian. Delay-dependent robust stability criteria for uncertain systems with interval time-varying delay. *Journal of Computational and Applied Mathematics*, 214(2):480–494, May 1, 2008.

CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001501>■

Potts:2008:NSN

[PT08c]

Daniel Potts and Manfred Tasche. Numerical stability of nonequispaced fast Fourier transforms. *Journal of Computational and Applied Mathematics*, 222(2):655–674, December 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707006474>■

Parand:2009:RSG

[PT09a]

K. Parand and A. Taghavi. Rational scaled generalized Laguerre function collocation method for solving the Blasius equation. *Journal of Computational and Applied Mathematics*, 233(4):980–989, December 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709005883>■

Penenko:2009:DAM

[PT09b]

Vladimir Penenko and Elena Tsvetova. Discrete-analytical methods for the implementation of variational principles in environmental applications. *Journal of Computational and Applied Mathe-*

- matics*, 226(2):319–330, April 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004111>. **Pulova:2009:PPG**
- [Pul09] N. V. Pulova. A pointwise projected gradient method applied to an optimal control problem. *Journal of Computational and Applied Mathematics*, 226(2):331–335, April 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004123>. **Postelmans:2005:MLJ**
- [PV05] Kelly Postelmans and Walter Van Assche. Multiple little q -Jacobi polynomials. *Journal of Computational and Applied Mathematics*, 178(1–2):361–375, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003929>. **Pedas:2009:RSI**
- [PV09a] Arvet Pedas and Gennadi Vainikko. On the regularity of solutions to integral equations with nonsmooth kernels on a union of open intervals. *Journal of Computational and Applied Mathematics*, 229(2):440–451, July 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001647>. **Pinnau:2009:CFE**
- [PV09b] René Pinnau and Jorge Mauricio Ruiz V. Convergent finite element discretizations of the density gradient equation for quantum semiconductors. *Journal of Computational and Applied Mathematics*, 223(2):790–800, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000848>. **Pillards:2006:MSD**
- [PVC06] Tim Pillards, Bart Vandewoestyne, and Ronald Cools. Minimizing the L_2 and L_∞ star discrepancies of a single point in the unit hypercube. *Journal of Computational and Applied Mathematics*, 197(1):282–285, December 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006618>. **Patie:2008:FET**
- [PW08] P. Patie and C. Winter. First exit time probability for multidimensional diffusions: a PDE-based approach. *Journal of Computational and Applied Mathematics*, 222(1):42–53, December 1, 2008.

- CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005481> ■
- [PZ08] **Peng:2008:SVI**
 Jian Wen Peng and Dao Li Zhu. A system of variational inclusions with P - η -accretive operators. *Journal of Computational and Applied Mathematics*, 216(1):198–209, June 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002282> ■
- [QCK09a] **Qin:2009:CIA**
 Xiaolong Qin, Sun Young Cho, and Shin Min Kang. Convergence of an iterative algorithm for systems of variational inequalities and nonexpansive mappings with applications. *Journal of Computational and Applied Mathematics*, 233(2): 231–240, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004142> ■
- [QCK09b] **Qin:2009:CTC**
 Xiaolong Qin, Yeol Je Cho, and Shin Min Kang. Convergence theorems of common elements for equilibrium problems and fixed point problems in Banach spaces. *Journal of Computational and Applied Mathematics*, 225(1):20–30, March 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003166> ■
- [QCKK09] **Qin:2009:SCT**
 Xiaolong Qin, Yeol Je Cho, Jung Im Kang, and Shin Min Kang. Strong convergence theorems for an infinite family of nonexpansive mappings in Banach spaces. *Journal of Computational and Applied Mathematics*, 230(1): 121–127, August 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005918> ■
- [QFX06] **Qian:2006:FOM**
 Zhi Qian, Chu-Li Fu, and Xiang-Tuan Xiong. Fourth-order modified method for the Cauchy problem for the Laplace equation. *Journal of Computational and Applied Mathematics*, 192(2): 205–218, August 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002827> ■
- [QG08] **Qi:2008:CLC**
 Feng Qi and Bai-Ni Guo. A class of logarithmically com-

- pletely monotonic functions and the best bounds in the second Kershaw's double inequality. *Journal of Computational and Applied Mathematics*, 212(2):444–456, March 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007990>. **Qi:2008:NLB**
- [Qi08] Feng Qi. A new lower bound in the second Kershaw's double inequality. *Journal of Computational and Applied Mathematics*, 214(2):610–616, May 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001586>.
- [QGC08] Feng Qi, Senlin Guo, and Shou-Xin Chen. A new upper bound in the second Kershaw's double inequality and its generalizations. *Journal of Computational and Applied Mathematics*, 220(1–2):111–118, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004281>. **Qi:2008:NUB**
- [Qi09] Feng Qi. A class of logarithmically completely monotonic functions and application to the best bounds in the second Gautschi–Kershaw's inequality. *Journal of Computational and Applied Mathematics*, 224(2):538–543, February 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002604>. **Qi:2009:CLC**
- [Qi07] Feng Qi. A class of logarithmically completely monotonic functions and the best bounds in the first Kershaw's double inequality. *Journal of Computational and Applied Mathematics*, 206(2):1007–1014, September 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005747>. **Qi:2007:CLC**
- [Qin09] Jिंगgang Qin. The new alternating direction implicit difference methods for the wave equations. *Journal of Computational and Applied Mathematics*, 230(1):213–223, August 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708006018>. **Qin:2009:NAD**

- [Qiu07] **Qiu:2007:WSL**
 Jianxian Qiu. WENO schemes with Lax–Wendroff type time discretizations for Hamilton–Jacobi equations. *Journal of Computational and Applied Mathematics*, 200(2):591–605, March 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000380>. [QW08]
- [QLJ09] **Qin:2009:PSB**
 Zhongfeng Qin, Xiang Li, and Xiaoyu Ji. Portfolio selection based on fuzzy cross-entropy. *Journal of Computational and Applied Mathematics*, 228(1):139–149, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004561>. [QWS09]
- [Qui07] **Quinto:2007:LAE**
 Eric Todd Quinto. Local algorithms in exterior tomography. *Journal of Computational and Applied Mathematics*, 199(1):141–148, February 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007454>. [QW08]
- [QW06] **Qamar:2006:AST**
 Shamsul Qamar and Gerald Warnecke. Application of space-time CE/SE method to shallow water magnetohydrodynamic equations. *Journal of Computational and Applied Mathematics*, 196(1):132–149, November 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005224>. [QW08]
- Qamar:2008:ANI**
 Shamsul Qamar and Gerald Warnecke. Analytical and numerical investigations of a batch crystallization model. *Journal of Computational and Applied Mathematics*, 222(2):715–731, December 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707006528>. [QW08]
- Qin:2009:MTR**
 H. H. Qin, T. Wei, and R. Shi. Modified Tikhonov regularization method for the Cauchy problem of the Helmholtz equation. *Journal of Computational and Applied Mathematics*, 224(1):39–53, February 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001520>. [QW08]
- Qi:2008:EDK**
 Liquan Qi, Yiju Wang, and

Ed X. Wu. D -eigenvalues of diffusion kurtosis tensors. *Journal of Computational and Applied Mathematics*, 221(1):150–157, November 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005316>. [RA07]

Qu:2009:NCT

[QZY09] Shao-Jian Qu, Qing-Pu Zhang, and Yue-Ting Yang. A nonmonotone conic trust region method based on line search for solving unconstrained optimization. *Journal of Computational and Applied Mathematics*, 224(2): 514–526, February 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002586>. [Rad05]

Qu:2008:NTR

[QZZ08] Shao-Jian Qu, Ke-Cun Zhang, and Jian Zhang. A nonmonotone trust-region method of conic model for unconstrained optimization. *Journal of Computational and Applied Mathematics*, 220(1–2): 119–128, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700430X>. [RAG07]

Reihani:2007:RHF

M. H. Reihani and Z. Abadi. Rationalized Haar functions method for solving Fredholm and Volterra integral equations. *Journal of Computational and Applied Mathematics*, 200(1):12–20, March 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007922>.

Radwan:2005:CHO

Samir F. Radwan. Comparison of higher-order accurate schemes for solving the two-dimensional unsteady Burgers' equation. *Journal of Computational and Applied Mathematics*, 174(2): 383–397, February 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704002225>.

Rodal:2007:LPD

J. Rodal, I. Area, and E. Godoy. Linear partial difference equations of hypergeometric type: Orthogonal polynomial solutions in two discrete variables. *Journal of Computational and Applied Mathematics*, 200(2): 722–748, March 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700430X>.

- [//www.sciencedirect.com/science/article/pii/S0377042706000690](http://www.sciencedirect.com/science/article/pii/S0377042706000690) ■
- Roussos:2005:RER**
- [RB05] George Roussos and Brad J. C. Baxter. Rapid evaluation of radial basis functions. *Journal of Computational and Applied Mathematics*, 180(1):51–70, August 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004789> ■
- Rypl:2006:GCS**
- [RB06] D. Rypl and Z. Bittnar. Generation of computational surface meshes of STL models. *Journal of Computational and Applied Mathematics*, 192(1):148–151, July 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500316X> ■
- Rathinasamy:2008:MSS**
- [RB08] A. Rathinasamy and K. Balachandran. Mean-square stability of second-order Runge–Kutta methods for multi-dimensional linear stochastic differential systems. *Journal of Computational and Applied Mathematics*, 219(1):170–197, September 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002701> ■
- Rihan:2005:FDV**
- [RCR05] Fathalla A. Rihan, Chris G. Collier, and Ian Roulstone. Four-dimensional variational data assimilation for Doppler radar wind data. *Journal of Computational and Applied Mathematics*, 176(1):15–34, April 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003176> ■
- Rasmussen:2008:GMA**
- [RD08] Bryan Rasmussen and Luca Dieci. A geometrical method for the approximation of invariant tori. *Journal of Computational and Applied Mathematics*, 216(2):388–412, July 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002701> ■
- Reiner:2007:ANI**
- [RDH07] Robert C. Reiner, Jr., Rabia Djellouli, and Isaac Harari. Analytical and numerical investigation of the performance of the BGT2 condition for low-frequency acoustic scattering problems. *Journal of Computational and Applied Mathematics*, 204(2):526–536, July 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002701> ■

- 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003785>. ■
- Read:2007:ASM**
- [Rea07] W. W. Read. An analytic series method for Laplacian problems with mixed boundary conditions. *Journal of Computational and Applied Mathematics*, 209(1): 22–32, December 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006169>. ■
- Rezghi:2006:IPN**
- [RH06] Mansoor Rezghi and S. Mohammad Hosseini. An ILU preconditioner for nonsymmetric positive definite matrices by using the conjugate Gram–Schmidt process. *Journal of Computational and Applied Mathematics*, 188(1):150–164, April 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001858>. ■
- Rezghi:2009:NVC**
- [RH09] Mansoor Rezghi and S. Mohammad Hosseini. A new variant of L -curve for Tikhonov regularization. *Journal of Computational and Applied Mathematics*, 231(2):914–924, September
- 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003215>. ■
- Rhoads:2005:PTP**
- [Rho05] Glenn C. Rhoads. Planar tilings by polyominoes, polyhexes, and polyiamonds. *Journal of Computational and Applied Mathematics*, 174(2):329–353, February 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704002195>. ■
- Ronghua:2006:CNS**
- [RHQ06] Li Ronghua, Meng Hongbing, and Chang Qin. Convergence of numerical solutions to stochastic age-dependent population equations. *Journal of Computational and Applied Mathematics*, 193(1): 109–120, August 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003821>. ■
- Rakha:2006:CRH**
- [RI06] Medhat A. Rakha and Adel K. Ibrahim. On the contiguous relations of hypergeometric series. *Journal of Computational and Applied Mathematics*, 192(2): 396–410, August 1, 2006. CODEN JCAMDI. ISSN

- 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003584>.
Riedel:2006:LOK [RKAH07]
- [Rie06] Karl O. Riedel. Locally optimal knots and tension parameters for exponential splines. *Journal of Computational and Applied Mathematics*, 196(1):94–114, November 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005200>.
Rashed:2008:GAN
- [RK08a] A. S. Rashed and M. M. Kassem. Group analysis for natural convection from a vertical plate. *Journal of Computational and Applied Mathematics*, 222(2):392–403, December 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707006073>.
Ryoo:2008:NCS
- [RK08b] C. S. Ryoo and Taekyun Kim. A numerical computation of the structure of the roots of q -Bernoulli polynomials. *Journal of Computational and Applied Mathematics*, 214(2):319–332, May 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001264>.
Rauh:2007:ROI
- Andreas Rauh, Marco Kletting, Harald Aschemann, and Eberhard P. Hofer. Reduction of overestimation in interval arithmetic simulation of biological wastewater treatment processes. *Journal of Computational and Applied Mathematics*, 199(2):207–212, February 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007521>.
Rui:2007:RLS
- [RKK07] Hongxing Rui, Seokchan Kim, and Sang Dong Kim. A remark on least-squares mixed element methods for reaction–diffusion problems. *Journal of Computational and Applied Mathematics*, 202(2):230–236, May 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001245>.
Rui:2009:SLS
- [RKK09] Hongxing Rui, Sang Dong Kim, and Seokchan Kim. Split least-squares finite element methods for linear and nonlinear parabolic problems. *Journal of Computational and Applied Mathematics*

- ics, 223(2):938–952, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001155>.
Ren:2009:SPB
- [RLH09] Yong Ren, Aihong Lin, and Lanying Hu. Stochastic PDIEs and backward doubly stochastic differential equations driven by Lévy processes. *Journal of Computational and Applied Mathematics*, 223(2):901–907, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001027>.
Ren:2008:REU
- [RLX08] Yong Ren, Shiping Lu, and Ningmao Xia. Remarks on the existence and uniqueness of the solutions to stochastic functional differential equations with infinite delay. *Journal of Computational and Applied Mathematics*, 220(1–2):364–372, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004578>.
Roy:2007:FSS
- [RM07] A. R. Roy and P. K. Maji. A fuzzy soft set theoretic approach to decision making problems. *Journal of Computational and Applied Mathematics*, 203(2):412–418, June 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002160>. See comment [KGW09].
Rouazine:2005:GFF
- [RMKA05] Igor M. Rouazine, Kaja Murali-Krishna, and Rafi Ahmed. Generals die in friendly fire, or modeling immune response to HIV. *Journal of Computational and Applied Mathematics*, 184(1):258–274, December 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000804>.
Reilly:2005:SMS
- [RO05] M. J. O. Reilly and E. O’Riordan. A Shishkin mesh for a singularly perturbed Riccati equation. *Journal of Computational and Applied Mathematics*, 182(2):372–387, October 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704006363>.
Rump:2007:SFV
- [RO07] Siegfried M. Rump and Takeshi Ogita. Super-fast validated solution of linear systems. *Journal of Computational and Applied Mathematics*

- ics*, 199(2):199–206, February 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500751X>.
Roberts:2007:RRB
- [Rob07] Catherine A. Roberts. Recent results on blow-up and quenching for nonlinear Volterra equations. *Journal of Computational and Applied Mathematics*, 205(2):736–743, August 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003979>.
Robenack:2008:CML
- [Röb08] Klaus Röbenack. Computation of multiple Lie derivatives by algorithmic differentiation. *Journal of Computational and Applied Mathematics*, 213(2):454–464, April 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000441>.
Roeger:2008:efd
- [Roe08] Lih-Ing W. Roeger. Exact finite-difference schemes for two-dimensional linear systems with constant coefficients. *Journal of Computational and Applied Mathematics*, 219(1):102–109, September 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003688>.
Roig:2007:OST
- [Roi07] Bernardino Roig. One-step Taylor–Galerkin methods for convection–diffusion problems. *Journal of Computational and Applied Mathematics*, 204(1):95–101, July 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002421>.
Romani:2009:ASS
- [Rom09] L. Romani. From approximating subdivision schemes for exponential splines to high-performance interpolating algorithms. *Journal of Computational and Applied Mathematics*, 224(1):383–396, February 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002446>.
Roop:2006:CAF
- [Roo06] John Paul Roop. Computational aspects of FEM approximation of fractional advection dispersion equations on bounded domains in \mathbf{R}^2 . *Journal of Computational and Applied Mathematics*, 193(1):243–268, August

- 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003900>. **Roquejoffre:2006:EST**
- [Ros08] Milvia Rossini. On the construction of polyharmonic B-splines. *Journal of Computational and Applied Mathematics*, 221(2): 437–446, November 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005754>. **Rossini:2008:CPB** [RR06]
- [RP05] S. K. Rangarajan and Sudarshan P. Purushothaman. Lanczos' generalized derivative for higher orders. *Journal of Computational and Applied Mathematics*, 177(2):461–465, May 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005217>. **Rangarajan:2005:LGD** [RS05a]
- [RP09] Lidija Z. Rancić and Miodrag S. Petković. A note on the improved derivative free root-solvers. *Journal of Computational and Applied Mathematics*, 223(2): 535–539, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707006504>. **Ramm:2005:DPN** [RS05b]
- I. Alvarez Rocha and L. Salto. Asymptotics of polynomials orthogonal with respect to a discrete-complex Sobolev inner product. *Journal of Computational and Applied Mathematics*, 178(1–2):1–19, June 1, 2005. CODEN JCAMDI.

ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003632> ■

Rodkina:2005:ASA

[RS05c]

Alexandra Rodkina and Henri Schurz. Almost sure asymptotic stability of drift-implicit θ -methods for bilinear ordinary stochastic differential equations in \mathbf{R}^1 . *Journal of Computational and Applied Mathematics*, 180(1):13–31, August 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004753> ■

Rosengren:2005:WEM

[RS05d]

Hjalmar Rosengren and Michael Schlosser. On Warnaar’s elliptic matrix inversion and Karlsson–Minton-type elliptic hypergeometric series. *Journal of Computational and Applied Mathematics*, 178(1–2):377–391, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003875> ■

Ruffing:2005:CBS

[RS05e]

Andreas Ruffing and Moritz Simon. Corresponding Banach spaces on time scales. *Journal of Computational and Applied Mathematics*, 179(1–2):313–326, July 1,

2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270400456X> ■

Reichel:2007:P

Lothar Reichel and Fiorella Sgallari. Preface. *Journal of Computational and Applied Mathematics*, 198(2):287, January 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007144> ■

Rozenblum:2007:FDO

G. Rozenblum and M. Solomyak. On a family of differential operators with the coupling parameter in the boundary condition. *Journal of Computational and Applied Mathematics*, 208(1):57–71, November 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006261> ■

Rapun:2008:MBI

M.-L. Rapún and F.-J. Sayas. Mixed boundary integral methods for Helmholtz transmission problems. *Journal of Computational and Applied Mathematics*, 214(1):238–258, April 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708006261> ■

- [//www.sciencedirect.com/science/article/pii/S0377042707001203](http://www.sciencedirect.com/science/article/pii/S0377042707001203)
- [RS08b] Lothar Reichel and Hassane Sadok. A new L -curve for ill-posed problems. *Journal of Computational and Applied Mathematics*, 219(2): 493–508, October 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000568> **Reichel:2008:NCI** [RTGB09]
- [RT08] A. Rafei and F. Toutounian. New breakdown-free variant of AINV method for nonsymmetric positive definite matrices. *Journal of Computational and Applied Mathematics*, 219(1):72–80, September 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003640> **Rafei:2008:NBF** [Rui05]
- [RT09] A. Rafei and F. Toutounian. Breakdown-free version of ILU factorization for nonsymmetric positive definite matrices. *Journal of Computational and Applied Mathematics*, 230(2):699–705, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000090> **Rafei:2009:BFV** [RV05]
- Ramboerich:2009:ETI** N. Rambeerich, D. Y. Tangman, A. Gopaul, and M. Bhuruth. Exponential time integration for fast finite element solutions of some financial engineering problems. *Journal of Computational and Applied Mathematics*, 224(2): 668–678, February 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002926>
- Ruijsenaars:2005:RHF** S. N. M. Ruijsenaars. A relativistic hypergeometric function. *Journal of Computational and Applied Mathematics*, 178(1–2):393–417, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003887>
- Rao:2005:ERHb** K. Srinivasa Rao and G. Vanden Berghe. On an entry of Ramanujan in his *Notebooks*: a nested roots expansion. *Journal of Computational and Applied Mathematics*, 173(2):371–378, January 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704001906>

- [RVA05] **Ramos:2005:NSS** Higinio Ramos and Jesús Vigo-Aguiar. A note on step-size selection in the Störmer–Cowell methods. *Journal of Computational and Applied Mathematics*, 175(1): 149–159, March 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270400250X>.
- [RVA07a] **Ramos:2007:FOR** Higinio Ramos and Jesús Vigo-Aguiar. A fourth-order Runge–Kutta method based on BDF-type Chebyshev approximations. *Journal of Computational and Applied Mathematics*, 204(1):124–136, July 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002445>.
- [RVA07b] **Ramos:2007:VSC** Higinio Ramos and Jesús Vigo-Aguiar. Variable-stepsize Chebyshev-type methods for the integration of second-order I.V.P.'s. *Journal of Computational and Applied Mathematics*, 204(1):102–113, July 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002433>.
- [RVAD08] **Ricchiuto:2008:UHO** M. Ricchiuto, N. Villedieu, R. Abgrall, and H. Deconinck. On uniformly high-order accurate residual distribution schemes for advection–diffusion. *Journal of Computational and Applied Mathematics*, 215(2):547–556, June 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007667>.
- [RVK05] **Rao:2005:ERHa** K. Srinivasa Rao, G. Vanden Berghe, and C. Krattenthaler. An entry of Ramanujan on hypergeometric series in his *Notebooks*. *Journal of Computational and Applied Mathematics*, 173(2): 239–246, January 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704001542>. See comment [Mil07].
- [RVM08] **Rauwoens:2008:NSF** Pieter Rauwoens, Jan Vierendeels, and Bart Merci. Numerical study of the flow in a three-dimensional thermally driven cavity. *Journal of Computational and Applied Mathematics*, 215(2):538–546, June 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778

- (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007655>. ■
- [RW06] **Rezounenko:2006:NLP**
Alexander V. Rezounenko and Jianhong Wu. A non-local PDE model for population dynamics with state-selective delay: Local theory and global attractors. *Journal of Computational and Applied Mathematics*, 190(1–2):99–113, June 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002232>. ■
- [RW09] **Reginska:2009:WMM**
Teresa Regińska and Andrzej Wakulicz. Wavelet moment method for the Cauchy problem for the Helmholtz equation. *Journal of Computational and Applied Mathematics*, 223(1):218–229, January 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000083>. ■
- [rW1C06] **Wu:2006:BLA**
Tie ru Wu and Hong lu Cheng. Basic lines, axes and geometric modeling on implicit algebraic surfaces. *Journal of Computational and Applied Mathematics*, 195(1–2):212–219, October 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004863>. ■
- [RZ07] **Rashidinia:2007:SVI**
J. Rashidinia and M. Zarebnia. Solution of a Volterra integral equation by the sinc-collocation method. *Journal of Computational and Applied Mathematics*, 206(2):801–813, September 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005231>. ■
- [Rza09] **Rzadkowski:2009:ETT**
Grzegorz Rzadkowski. An extension of trapezoidal type product integration rules. *Journal of Computational and Applied Mathematics*, 232(2):625–631, October 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270900394X>. ■
- [SA07a] **Sandstrom:2007:NCZ**
Sven-Erik Sandström and Christian Ackrén. Note on the complex zeros of $H'_\nu(x) + i\zeta H_\nu(x) = 0$. *Journal of Computational and Applied Mathematics*, 201(1):3–7, April 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004863>. ■

- [//www.sciencedirect.com/science/article/pii/S0377042706000720](http://www.sciencedirect.com/science/article/pii/S0377042706000720) ■
- Soliman:2007:NSN**
- [SA07b] A. A. Soliman and M. A. Abdou. Numerical solutions of nonlinear evolution equations using variational iteration method. *Journal of Computational and Applied Mathematics*, 207(1):111–120, October 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004663> ■
- Salarieh:2009:CSC**
- [SA09] Hassan Salarieh and Aria Alasty. Control of stochastic chaos using sliding mode method. *Journal of Computational and Applied Mathematics*, 225(1):135–145, March 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003580> ■
- Siddiqi:2008:SSS**
- [SA08a] Shahid S. Siddiqi and Ghazala Akram. Septic spline solutions of sixth-order boundary value problems. *Journal of Computational and Applied Mathematics*, 215(1):288–301, May 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002038> ■
- Saad:2006:OSG**
- [Saa06] Rachid Saad. An optimal schedule for Gaussian elimination on an MIMD architecture. *Journal of Computational and Applied Mathematics*, 185(1):91–106, January 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000518> ■
- Sablonniere:2008:BSH**
- [SA08b] Pavel Solín and José Ávila. Equidistributed error mesh for problems with exponential boundary layers. *Journal of Computational and Applied Mathematics*, 218(1):157–166, August 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700252X> ■
- Solin:2008:EEM**
- [Sab08] Paul Sablonnière. B-splines and Hermite–Padé approximants to the exponential function. *Journal of Computational and Applied Mathematics*, 219(2):509–517, October 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700252X> ■

- [SACJ09] **Song:2009:CSF** Xinghua Song, Martin Aigner, Falai Chen, and Bert Jüttler. Circular spline fitting using an evolution process. *Journal of Computational and Applied Mathematics*, 231(1): 423–433, September 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002076>.
- [SAD07] **Sezer:2007:TMN** Mehmet Sezer and Aysegül Akyüz-Dascioğlu. A Taylor method for numerical solution of generalized pantograph equations with linear functional argument. *Journal of Computational and Applied Mathematics*, 200(1):217–225, March 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705008071>.
- [SAFS07] **Soto:2007:FCA** Jesús Soto, M. Isabel Vigo Aguiar, and Antonio Flores-Sintas. A fuzzy clustering application to precise orbit determination. *Journal of Computational and Applied Mathematics*, 204(1):137–143, July 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002457>.
- [SAHS09] **Sadek:2009:OSC** Ibrahim Sadek, Husein Abdul-Hamid, and Julie Scott. Optimal scanning control of flexible structures in two-dimensional space. *Journal of Computational and Applied Mathematics*, 233(2): 389–404, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004361>.
- [Sak05] **Saker:2005:OCS** S. H. Saker. Oscillation criteria of second-order half-linear dynamic equations on time scales. *Journal of Computational and Applied Mathematics*, 177(2):375–387, May 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004340>.
- [Sak06] **Saker:2006:OSO** S. H. Saker. Oscillation of second-order nonlinear neutral delay dynamic equations on time scales. *Journal of Computational and Applied Mathematics*, 187(2): 123–141, March 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001482>.

- [Sak09] **Sakajo:2009:EDF** Takashi Sakajo. An extension of Draghicescu's fast tree-code algorithm to the vortex method on a sphere. *Journal of Computational and Applied Mathematics*, 225(1):158–171, March 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003609>.
- [Sak09] **Salem:2009:FOP** Hussein A. H. Salem. On the fractional order m -point boundary value problem in reflexive Banach spaces and weak topologies. *Journal of Computational and Applied Mathematics*, 224(2):565–572, February 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800263X>.
- [SaLJ08] **Shen:2008:AMG** Pei-Ping Shen, Xiao ai Li, and Hong-Wei Jiao. Accelerating method of global optimization method for signomial geometric programming. *Journal of Computational and Applied Mathematics*, 214(1):66–77, April 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000842>.
- [Sau07] **Sauer:2007:JPB** Tomas Sauer. Jacobi polynomials in Bernstein form. *Journal of Computational and Applied Mathematics*, 199(1):149–158, February 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007466>.
- [Sau08] **Sauer:2008:MRF** Tomas Sauer. Multivariate refinable functions, differences and ideals — a simple tutorial. *Journal of Computational and Applied Mathematics*, 221(2):447–459, November 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S03770427070005766>.
- [Sav09] **Savcenko:2008:CAS** V. Savcenko. Comparison of the asymptotic stability properties for two multirate strategies. *Journal of Computational and Applied Mathematics*, 220(1–2):508–524, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004839>.
- [Sav09] **Savcenko:2009:CMR** V. Savcenko. Construction of a multirate RODAS method

- for stiff ODEs. *Journal of Computational and Applied Mathematics*, 225(2): 323–337, March 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003701> ■
- [SB09] Kristian Sabo and Mirta Bensić. Border estimation of a disc observed with random errors solved in two steps. *Journal of Computational and Applied Mathematics*, 229(1):16–26, July 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005141> ■
- [SBK07] Malin Siklosi, Begzsuren Batzorig, and Gunilla Kreiss. An investigation of the internal structure of shock profiles for shock capturing schemes. *Journal of Computational and Applied Mathematics*, 201(1):8–29, April 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000756> ■
- [SBO09] Tor Sørøvik, Tore Birkeland, and Gabriel Oksa. Numerical solution of the 3D time dependent Schrödinger equation in spherical coordinates: Spectral basis and effects of split-operator technique. *Journal of Computational and Applied Mathematics*, 225(1):56–67, March 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003191> ■
- [SC06a] Qiankun Song and Jinde Cao. Stability analysis of Cohen–Grossberg neural network with both time-varying and continuously distributed delays. *Journal of Computational and Applied Mathematics*, 197(1): 188–203, December 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006527> ■
- [SC06b] Giulia Spaletta and Luca Caucci. Constrained iterations for blind deconvolution and convexity issues. *Journal of Computational and Applied Mathematics*, 197(1): 29–43, December 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500631X> ■

- [SC07a] **Shingareva:2007:FAD** Inna Shingareva and Carlos Lizárraga Celaya. On frequency-amplitude dependences for surface and internal standing waves. *Journal of Computational and Applied Mathematics*, 200(2):459–470, March 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000288>. [Sch05]
- [SC07b] **Song:2007:GES** Qiankun Song and Jinde Cao. Global exponential stability of bidirectional associative memory neural networks with distributed delays. *Journal of Computational and Applied Mathematics*, 202(2):266–279, May 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001282>. [Sch06a]
- [SCG08] **Sheng:2008:RCG** Xingping Sheng, Guoliang Chen, and Yi Gong. The representation and computation of generalized inverse $A_{T,S}^{(2)}$. *Journal of Computational and Applied Mathematics*, 213(1):248–257, March 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000325>. [Sch07a]
- Schiefermayr:2005:SNP** Klaus Schiefermayr. Some new properties of Jacobi's theta functions. *Journal of Computational and Applied Mathematics*, 178(1–2):419–424, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004613>.
- Schmidt:2006:ECC** K. M. Schmidt. Exceptional coupling constants for the Coulomb–Dirac operator with anomalous magnetic moment. *Journal of Computational and Applied Mathematics*, 194(1):17–25, September 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003997>.
- Schoutens:2006:EOU** Wim Schoutens. Exotic options under Lévy models: an overview. *Journal of Computational and Applied Mathematics*, 189(1–2):526–538, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006138>.
- Schafer:2007:CAP** Uwe Schäfer. On computer-assisted proofs for solutions of

- linear complementarity problems. *Journal of Computational and Applied Mathematics*, 199(2):257–262, February 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007594> ■
- [Sch07b] **Schwandt:2007:PIN** [SCS08] Hartmut Schwandt. Parallel interval Newton-like Schwarz methods for almost linear parabolic problems. *Journal of Computational and Applied Mathematics*, 199(2):437–444, February 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007843> ■
- [Sch08] **Schaback:2008:LPI** [Scu09] Robert Schaback. Limit problems for interpolation by analytic radial basis functions. *Journal of Computational and Applied Mathematics*, 212(2):127–149, March 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007151> ■
- [SCM09] **Shen:2009:NOS** [SCY09] Pei-Ping Shen, Yong-Qiang Chen, and Yuan Ma. A non-isolated optimal solution for special reverse convex programming problems. *Journal of Computational and Applied Mathematics*, 224(1):219–229, February 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002033> ■
- Serra-Capizzano:2008:SNA** Stefano Serra-Capizzano and Per Sundqvist. Stability of the notion of approximating class of sequences and applications. *Journal of Computational and Applied Mathematics*, 219(2):518–536, October 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700180X> ■
- [Sch08] **Scuderi:2009:NSS** Letizia Scuderi. A new smoothing strategy for computing nearly singular integrals in 3D Galerkin BEM. *Journal of Computational and Applied Mathematics*, 225(2):406–427, March 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003944> ■
- [SCM09] **Sun:2009:PPL** Jia-Chang Sun, Jian-Wen Cao, and Chao Yang. Parallel preconditioners for large scale partial difference equation systems. *Journal of Compu-*

tational and Applied Mathematics, 226(1):125–135, April 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002380>.

Steele:2006:ECS

[SD06]

A. G. Steele and R. J. Douglas. Extending chi-squared statistics for key comparisons in metrology. *Journal of Computational and Applied Mathematics*, 192(1):51–58, July 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003079>.

Slodicka:2009:NAS

[SD09]

Marián Slodicka and Sofiane Dehilis. A numerical approach for a semilinear parabolic equation with a nonlocal boundary condition. *Journal of Computational and Applied Mathematics*, 231(2):715–724, September 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002714>.

Soleimani-damaneh:2009:SER

[SdJMH09]

M. Soleimani-damaneh, G. R. Jahanshahloo, S. Mehrabian, and M. Hasannasab. Scale elasticity and returns to scale in the presence of alter-

native solutions. *Journal of Computational and Applied Mathematics*, 233(2):127–136, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004002>.

Shen:2009:SBD

[SDP09]

Pei-Ping Shen, Yun-Peng Duan, and Yong-Gang Pei. A simplicial branch and duality bound algorithm for the sum of convex-convex ratios problem. *Journal of Computational and Applied Mathematics*, 223(1):145–158, January 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000046>.

Speleers:2006:NSP

[SDV06]

Hendrik Speleers, Paul Dierckx, and Stefan Vandewalle. Numerical solution of partial differential equations with Powell–Sabin splines. *Journal of Computational and Applied Mathematics*, 189(1–2):643–659, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001056>.

Speleers:2007:PSS

[SDV07]

Hendrik Speleers, Paul Dierckx, and Stefan Vande-

walle. Powell–Sabin splines with boundary conditions for polygonal and non-polygonal domains. *Journal of Computational and Applied Mathematics*, 206(1): 55–72, September 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003815> ■

Seaid:2007:MNK

[Sea07] Mohammed Seaid. Multigrid Newton–Krylov method for radiation in diffusive semi-transparent media. *Journal of Computational and Applied Mathematics*, 203(2):498–515, June 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600224X> ■

Salam:2008:SHT

[SEAA08] A. Salam, A. El Farouk, and E. Al-Aidarous. Symplectic Householder transformations for a QR -like decomposition, a geometric and algebraic approaches. *Journal of Computational and Applied Mathematics*, 214(2):533–548, May 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001537> ■

Senoglu:2007:EPO

Birdal Senoğlu. Estimating parameters in one-way analysis of covariance model with short-tailed symmetric error distributions. *Journal of Computational and Applied Mathematics*, 201(1):275–283, April 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001051> ■

Sun:2006:LTE

Tong Sun and Daria Filipova. Long-time error estimation for semi-linear parabolic equations. *Journal of Computational and Applied Mathematics*, 185(1):1–18, January 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000476> ■

Skiba:2008:CAO

Yuri N. Skiba and Denis M. Filatov. Conservative arbitrary order finite difference schemes for shallow-water flows. *Journal of Computational and Applied Mathematics*, 218(2): 579–591, September 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707006589> ■

- [SFPS08] **Sifalakis:2008:GDN**
 A. G. Sifalakis, A. S. Fokas, S. R. Fulton, and Y. G. Saridakis. The generalized Dirichlet–Neumann map for linear elliptic PDEs and its numerical implementation. *Journal of Computational and Applied Mathematics*, 219(1):9–34, September 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003603>.
- [SFV09] **Sifalakis:2009:DIS**
 A. G. Sifalakis, S. R. Fulton, E. P. Papadopoulou, and Y. G. Saridakis. Direct and iterative solution of the generalized Dirichlet–Neumann map for elliptic PDEs on square domains. *Journal of Computational and Applied Mathematics*, 227(1):171–184, May 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003506>.
- [SFSK07] **Shinohara:2007:BVP**
 Yasuaki Shinohara, Humiyuki Fujimori, Tomohiro Suzuki, and Mitsunobu Kurihara. On a boundary value problem for delay differential equations of population dynamics and Chebyshev approximation. *Journal of Computational and Applied Mathematics*, 201(2):348–355, April 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000872>.
- [SG05] **Sakkalis:2009:NER**
 Takis Sakkalis, Rida T. Farouki, and Leonid Vaserstein. Non-existence of rational arc length parameterizations for curves in \mathbf{R}^n . *Journal of Computational and Applied Mathematics*, 228(1):494–497, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800486X>.
- [SG05] **Sadkane:2005:NLS**
 M. Sadkane and L. Grammont. A note on the Lyapunov stability of periodic discrete-time systems. *Journal of Computational and Applied Mathematics*, 176(2):463–466, April 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003978>.
- [SG08] **Shi:2008:NTR**
 Zhen-Jun Shi and Jin-Hua Guo. A new trust region method for unconstrained optimization. *Journal of Computational and Applied Mathematics*, 213

- (2):509–520, April 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000696>. **Shardlow:2005:NSS**
- [SG09] Zhen-Jun Shi and Jinhua Guo. A new family of conjugate gradient methods. *Journal of Computational and Applied Mathematics*, 224(1):444–457, February 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002513>. **Shi:2009:NFC** [Sha05]
- [SH06] M. Sarfraz and Malik Zawwar Hussain. Data visualization using rational spline interpolation. *Journal of Computational and Applied Mathematics*, 189(1–2):513–525, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002980>. **Sarfraz:2006:DVU** [Sha07]
- [SH09] Hiroshi Sugiura and Takemitsu Hasegawa. Quadrature rule for Abel’s equations: Uniformly approximating fractional derivatives. *Journal of Computational and Applied Mathematics*, 223(1):459–468, January 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004110>. **Sugiura:2009:QRA** [Sha08]
- Tony Shardlow. Numerical simulation of stochastic PDEs for excitable media. *Journal of Computational and Applied Mathematics*, 175(2):429–446, March 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003140>. **Shampine:2007:DSO**
- L. F. Shampine. Design of software for ODEs. *Journal of Computational and Applied Mathematics*, 205(2):901–911, August 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600700X>. **Shampine:2008:VAQ**
- L. F. Shampine. Vectorized adaptive quadrature in MATLAB. *Journal of Computational and Applied Mathematics*, 211(2):131–140, February 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600700X>.

- [Sha09a] **Shakhno:2009:IAS** S. M. Shakhno. On an iterative algorithm with superquadratic convergence for solving nonlinear operator equations. *Journal of Computational and Applied Mathematics*, 231(1): 222–235, September 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000569>. ■
- [ShC08] **Shen:2008:CNS** Shu-Qian Shen, Ting-Zhu Huang, and Guang-Hui Cheng. A condition for the nonsymmetric saddle point matrix being diagonalizable and having real and positive eigenvalues. *Journal of Computational and Applied Mathematics*, 220(1–2):8–12, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003652>. ■
- [Sha09b] **Shao:2009:APS** Jianying Shao. An anti-periodic solution for a class of recurrent neural networks. *Journal of Computational and Applied Mathematics*, 228(1):231–237, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004706>. ■
- [Shi07] **Shioda:2007:SUL** S. Shioda. Some upper and lower bounds on the coupon collector problem. *Journal of Computational and Applied Mathematics*, 200(1): 154–167, March 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705008022>. ■
- [SHB05] **Shao:2005:NMT** Ji-Cheng Shao, Yozo Hamano, and Michael Bevis. A note on Maxwell’s theory of poles. *Journal of Computational and Applied Mathematics*, 183(1):101–107, November 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000166>. ■
- [SHK+08] **Schmidt:2008:PCN** Frank Schmidt, Thorsten Hohage, Roland Klose, Achim Schädle, and Lin Zschiedrich. Pole condition: a numerical method for Helmholtz-type scattering problems with inhomogeneous exterior domain. *Journal of Computational and Applied Mathematics*, 218(1):61–69, August 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000166>. ■

- //www.sciencedirect.com/
science/article/pii/S0377042707003275
- Sickenberger:2008:MSC**
- [Sic08] Thorsten Sickenberger. Mean-square convergence of stochastic multi-step methods with variable step-size. *Journal of Computational and Applied Mathematics*, 212(2): 300–319, March 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007321>
- Siedentop:2007:SRA**
- [Sie07a] Heinz Siedentop. The spectrum of relativistic atoms according to Bethe and Salpeter and beyond. *Journal of Computational and Applied Mathematics*, 208(1): 155–163, November 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006327>
- Sidi:2005:ACV**
- [Sid05] Avram Sidi. Application of class \mathcal{S}_m variable transformations to numerical integration over surfaces of spheres. *Journal of Computational and Applied Mathematics*, 184(2): 475–492, December 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000439>
- Sieder:2007:CAN**
- [Sie07b] Ralf Sieder. A constructive approach to nodal splines. *Journal of Computational and Applied Mathematics*, 203(1):289–308, June 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002123>
- Sidi:2008:FEC**
- [Sid08] Avram Sidi. Further extension of a class of periodizing variable transformations for numerical integration. *Journal of Computational and Applied Mathematics*, 221(1): 132–149, November 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005079>
- Sieder:2008:HS**
- [Sie08] Ralf Sieder. Histopolating splines. *Journal of Computational and Applied Mathematics*, 220(1–2):661–673, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005079>

- [Sim07a] **Simon:2007:CMF**
Barry Simon. CMV matrices: Five years after. *Journal of Computational and Applied Mathematics*, 208(1):120–154, November 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006315>.
[Siv09]
- [Sim07b] **Sims:2007:RSL**
Robert Sims. Reflectionless Sturm–Liouville equations. *Journal of Computational and Applied Mathematics*, 208(1):207–225, November 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006364>.
- [Sin08] **Singh:2008:NCG** [SJ09]
Vimal Singh. A new criterion for global robust stability of interval delayed neural networks. *Journal of Computational and Applied Mathematics*, 221(1):219–225, November 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005900>.
- [Sin09] **Sinescu:2009:SLR** [SJV⁺09]
Vasile Sinescu. Shifted lattice rules based on a general weighted discrepancy for integrals over Euclidean space. *Journal of Computational and Applied Mathematics*, 232(2):240–251, October 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003471>.
- Sivakumar:2009:PIS**
B. Sivakumar. A perishable inventory system with retrieval demands and a finite population. *Journal of Computational and Applied Mathematics*, 224(1):29–38, February 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001519>.
- Shen:2009:DSE**
Shoufeng Shen and Liya Jiang. The Davey–Stewartson equation with sources derived from nonlinear variable separation method. *Journal of Computational and Applied Mathematics*, 233(2):585–589, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270900421X>.
- Sanchez:2009:WBC**
Fabrício Lopes Sanchez, Sylvio Barbon Júnior, Lucimar Sasso Vieira, Rodrigo Capobianco Guido,

- Everthon Silva Fonseca, Paulo Rogério Scalassara, Carlos Dias Maciel, José Carlos Pereira, and Shi-Huang Chen. Wavelet-based cepstrum calculation. *Journal of Computational and Applied Mathematics*, 227(2):288–293, May 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001118>. [SK05]
- Shi:2009:FPA**
- [SJZ09] Zhenwei Shi, Zhiguo Jiang, and Fugen Zhou. A fixed-point algorithm for blind source separation with nonlinear autocorrelation. *Journal of Computational and Applied Mathematics*, 223(2): 908–915, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001039>. [SK06]
- Shi:2009:BSS**
- [SJZY09] Zhenwei Shi, Zhiguo Jiang, Fugen Zhou, and Jihao Yin. Blind source separation with nonlinear autocorrelation and non-Gaussianity. *Journal of Computational and Applied Mathematics*, 229(1):240–247, July 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001118>. [SK05]
- Sakai:2005:NSB**
- Katsuhiro Sakai and Isao Kimura. A numerical scheme based on a solution of nonlinear advection–diffusion equations. *Journal of Computational and Applied Mathematics*, 173(1):39–55, January 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704001323>. [SK06]
- Spowart:2006:NAE**
- Michael P. Spowart and Edward F. Kuester. A novel asymptotic extraction technique for the efficient evaluation of a class of double Sommerfeld integrals. *Journal of Computational and Applied Mathematics*, 197(2): 597–611, December 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007028>. [SK09a]
- Slemp:2009:IBC**
- Wesley C. H. Slemp and Rakesh K. Kapania. Imposing boundary conditions in sinc method using highest derivative approximation. *Journal of Computational and Applied Mathematics*, 230(2): 371–392, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007028>. [SK09a]

- 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800633X>. ■
- [SK09b] **Smyrlis:2009:EIM** [SL05] Yiorgos-Sokratis Smyrlis and Andreas Karageorghis. Efficient implementation of the MFS: the three scenarios. *Journal of Computational and Applied Mathematics*, 227(1):83–92, May 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003312>. ■
- [SKAW09] **Schlegel:2009:MRK** [SL06] Martin Schlegel, Oswald Knoth, Martin Arnold, and Ralf Wolke. Multirate Runge–Kutta schemes for advection equations. *Journal of Computational and Applied Mathematics*, 226(2):345–357, April 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004147>. ■
- [Skr05] **Skrzipek:2005:GAP** [SL08] M.-R. Skrzipek. Generalized associated polynomials and functions of second kind. *Journal of Computational and Applied Mathematics*, 178(1–2):425–436, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003899>. ■
- Santos-Leon:2005:SPS** J. C. Santos-León. Szegő polynomials and Szegő quadrature for the Fejér kernel. *Journal of Computational and Applied Mathematics*, 179(1–2):327–341, July 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004571>. ■
- Santos:2006:AFS** Felix C. G. Santos and Maria Lencastre. An approach for FEM simulator development. *Journal of Computational and Applied Mathematics*, 185(2):326–346, January 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001184>. ■
- Sun:2008:NPS** Hong-Rui Sun and Wan-Tong Li. On the number of positive solutions of systems of nonlinear dynamic equations on time scales. *Journal of Computational and Applied Mathematics*, 219(1):123–133, September 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004147>. ■

- [//www.sciencedirect.com/science/article/pii/S0377042707003706](http://www.sciencedirect.com/science/article/pii/S0377042707003706) ■
- Shieh:2009:NTC**
- [SL09] Tzong-Hann Shieh and Meng-Rong Li. Numeric treatment of contact discontinuity with multi-gases. *Journal of Computational and Applied Mathematics*, 230(2): 656–673, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000065> ■
- Shi:2006:NAS**
- [SLH06] Xiquan Shi, Fengshan Liu, and Minghan Hu. A new asymptotic series for the gamma function. *Journal of Computational and Applied Mathematics*, 195(1–2): 134–154, October 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004802> ■
- Shou:2006:MAA**
- [SLMW06] Huahao Shou, Hongwei Lin, Ralph R. Martin, and Guojin Wang. Modified affine arithmetic in tensor form for trivariate polynomial evaluation and algebraic surface plotting. *Journal of Computational and Applied Mathematics*, 195(1–2):155–171, October 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004814> ■
- Simpson:2006:CDM**
- [SLN06] Matthew J. Simpson, Kerry A. Landman, and Donald F. Newgreen. Chemotactic and diffusive migration on a nonuniformly growing domain: numerical algorithm development and applications. *Journal of Computational and Applied Mathematics*, 192(2):282–300, August 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003298> ■
- Sbarciog:2008:CSB**
- [SLN08] Mihaela Sbarciog, Mia Locucifer, and Erik Noldus. The computation of stability boundaries in state space for a class of biochemical engineering systems. *Journal of Computational and Applied Mathematics*, 215(2):557–567, June 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007679> ■
- Slodicka:2008:NDT**
- [Slo08] Marián Slodicka. Nonlinear diffusion in type-II superconductors. *Journal of Computational and Applied Mathematics*, 195(1–2):155–171, October 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004814> ■

- matics*, 215(2):568–576, June 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007680>.
Su:2006:ALP
- [SLZ06] Zhixun Su, Ling Li, and Xiaojie Zhou. Arc-length preserving curve deformation based on subdivision. *Journal of Computational and Applied Mathematics*, 195(1–2): 172–181, October 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004826>.
Sun:2009:PSS
- [SLZA09] Yan Sun, Lishan Liu, Jizhou Zhang, and R. P. Agarwal. Positive solutions of singular three-point boundary value problems for second-order differential equations. *Journal of Computational and Applied Mathematics*, 230(2): 738–750, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000120>.
Sawyer:2007:IFV
- [SM07] William B. Sawyer and Arthur A. Mirin. The implementation of the finite-volume dynamical core in the community atmosphere model. *Journal of Computational and Applied Mathematics*, 203(2):387–396, June 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002238>.
Stephens:2009:PUS
- [SM09] Meghan Stephens and Niall Madden. A parameter-uniform Schwarz method for a coupled system of reaction–diffusion equations. *Journal of Computational and Applied Mathematics*, 230(2): 360–370, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708006328>.
Smaoui:2005:BDC
- [Sma05] Nejib Smaoui. Boundary and distributed control of the viscous Burgers equation. *Journal of Computational and Applied Mathematics*, 182(1):91–104, October 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270400603X>.
Smietanski:2007:GJB
- [Śmi07] Marek J. Śmietański. A generalized Jacobian based Newton method for semismooth block-triangular system of equations. *Journal*

- of *Computational and Applied Mathematics*, 205(1):305–313, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003190>. ■
- [Smo06] **Smolarski:2006:DSM** [SO05] Dennis C. Smolarski. Diagonally striped matrices and approximate inverse preconditioners. *Journal of Computational and Applied Mathematics*, 186(2):416–431, February 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001020>. ■
- [SMT07] **Song:2007:PDS** [Soh05] Mei Song, Wanbiao Ma, and Yasuhiro Takeuchi. Permanence of a delayed SIR epidemic model with density dependent birth rate. *Journal of Computational and Applied Mathematics*, 201(2):389–394, April 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000926>. ■
- [SNV06] **Sebastian:2006:SLF** [Sol08] M. V. Sebastián, M. A. Navascués, and J. R. Valdizán. Surface Laplacian and fractal brain mapping. *Journal of Computational and Applied Mathematics*, 189(1–2):132–141, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002992>. ■
- Somali:2005:IES** S. Somali and V. Oger. Improvement of eigenvalues of Sturm–Liouville problem with t -periodic boundary conditions. *Journal of Computational and Applied Mathematics*, 180(2):433–441, August 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005436>. ■
- Sohn:2005:ASU** Sung-Ik Sohn. Analytic solutions of unstable interfaces for all density ratios in axisymmetric flows. *Journal of Computational and Applied Mathematics*, 177(2):367–374, May 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004327>. ■
- Solin:2008:P** Pavel Solín. Preface. *Journal of Computational and Applied Mathematics*, 218(1):1, August 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000001>. ■

- [//www.sciencedirect.com/science/article/pii/S0377042707003202](http://www.sciencedirect.com/science/article/pii/S0377042707003202) ■
- [SP05] T. E. Simos and G. Psihoyios. Preface. *Journal of Computational and Applied Mathematics*, 175(1):ix, March 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003202> ■
- Simos:2005:P**
- [SP06a] T. E. Simos and G. Psihoyios. Preface. *Journal of Computational and Applied Mathematics*, 191(2):165, July 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005455> ■
- Simos:2006:P**
- [SP06b] Yongli Song and Yahong Peng. Periodic solutions of a nonautonomous periodic model of population with continuous and discrete time. *Journal of Computational and Applied Mathematics*, 188(2):256–264, April 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002542> ■
- Song:2006:PSN**
- [SP09a] A. Saeidifar and E. Pasha. The possibilistic moments of fuzzy numbers and their applications. *Journal of Computational and Applied Mathematics*, 223(2):1028–1042, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800143X> ■
- Simos:2005:P**
- Su:2009:NFT**
- [sR07] Ke Su and Dingguo Pu. A nonmonotone filter trust region method for nonlinear constrained optimization. *Journal of Computational and Applied Mathematics*, 223(1):230–239, January 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000095> ■
- Su:2009:NFT**
- Spreeuw:2006:TAP**
- [Spr06] Jaap Spreeuw. Two approximations of the present value distribution of a disability annuity. *Journal of Computational and Applied Mathematics*, 186(1):217–231, February 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001974> ■
- Spreeuw:2006:TAP**
- Roan:2007:SCC**
- [sR07] Shi shyr Roan. Structure of certain Chebyshev-type polynomials in Onsager's algebra representation. *Jour-*

- nal of Computational and Applied Mathematics*, 202(1):88–104, May 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001129>. ■
- [SRB06] **Sarfraz:2006:CPS** [SRW09] M. Sarfraz, M. Riyazuddin, and M. H. Baig. Capturing planar shapes by approximating their outlines. *Journal of Computational and Applied Mathematics*, 189(1–2):494–512, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006151>. ■
- [SRD05] **Sanchez-Ruiz:2005:FIO** [SS05] Jorge Sánchez-Ruiz and Jesús S. Dehesa. Fisher information of orthogonal hypergeometric polynomials. *Journal of Computational and Applied Mathematics*, 182(1):150–164, October 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704006077>. ■
- [SRP08] **Skalna:2008:SFE** [SS06a] Iwona Skalna, M. V. Rama Rao, and Andrzej Pownuk. Systems of fuzzy equations in structural mechanics. *Journal of Computational and Applied Mathematics*, 218(1):149–156, August 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003366>. ■
- Shih:2009:NPB** Y. Shih, C. Rei, and H. Wang. A novel PDE based image restoration: Convection-diffusion equation for image denoising. *Journal of Computational and Applied Mathematics*, 231(2):771–779, September 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002908>. ■
- Sakas:2005:MME** D. P. Sakas and T. E. Simos. Multiderivative methods of eighth algebraic order with minimal phase-lag for the numerical solution of the radial Schrödinger equation. *Journal of Computational and Applied Mathematics*, 175(1):161–172, March 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704002523>. ■
- Shi:2006:CNL** Zhen-Jun Shi and Jie Shen. Convergence of nonmonotone line search method. *Jour-*

- nal of Computational and Applied Mathematics*, 193(2): 397–412, September 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004218>. [SS08]
- [SS06b] **Sofroniou:2006:HSC**
M. Sofroniou and G. Spalletta. Hybrid solvers for composition and splitting methods. *Journal of Computational and Applied Mathematics*, 185(2):278–291, January 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001159>.
- [SS06c] **Sutmann:2006:HOC**
Godehard Sutmann and Bernhard Steffen. High-order compact solvers for the three-dimensional Poisson equation. *Journal of Computational and Applied Mathematics*, 187(2):142–170, March 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001500>. [SS09a]
- [SS07] **Suzuki:2007:EPD**
Tomohiro Suzuki and Toshio Suzuki. An eigenvalue problem for derogatory matrices. *Journal of Computational and Applied Mathematics*, 199(2):245–250, February 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007570>. [SS08]
- Smirnov:2008:AUN**
Evgueni M. Smirnov and Paul E. Smirnov. Application of an unstructured Navier–Stokes code to prediction of adiabatic effectiveness of endwall flush-slot-cooling for a stator vane passage. *Journal of Computational and Applied Mathematics*, 215(2):577–585, June 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007692>.
- Salarieh:2009:MSC**
Hassan Salarieh and Mohammad Shahrokhi. Multi-synchronization of chaos via linear output feedback strategy. *Journal of Computational and Applied Mathematics*, 223(2):842–852, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000873>.
- Sang:2009:PSN**
Yanbin Sang and Hua Su. Positive solutions of nonlinear third-order m -point BVP for an increasing homeomorphism and homomorphism

- with sign-changing nonlinearity. *Journal of Computational and Applied Mathematics*, 225(1):288–300, March 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003695>. **Sang:2009:SAT** [SSMB07]
- [SS09c] Zhaoyang Sang and Qingying Sun. A self-adaptive trust region method with line search based on a simple subproblem model. *Journal of Computational and Applied Mathematics*, 232(2):514–522, October 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003847>. **Swart:2007:NST**
- Arno Swart, Gerard L. G. Sleijpen, Leo R. M. Maas, and Jan Brandts. Numerical solution of the two-dimensional Poincaré equation. *Journal of Computational and Applied Mathematics*, 200(1):317–341, March 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000185>. **SanMartin:2009:CFE**
- [SS09d] Richard M. Slevinsky and Hassan Safouhi. New formulae for higher order derivatives and applications. *Journal of Computational and Applied Mathematics*, 233(2):405–419, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004385>. [SST09]
- Jorge San Martín, Loredana Smaranda, and Takéo Takahashi. Convergence of a finite element/ALE method for the Stokes equations in a domain depending on time. *Journal of Computational and Applied Mathematics*, 230(2):521–545, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708006493>. **Stahl:2009:EP**
- [SS09e] Herbert Stahl and Thomas Schmelzer. An extension of the ‘1/9’-problem. *Journal of Computational and Applied Mathematics*, 233(3):821–834, December 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001319>. **Shampine:2006:IIS**
- [SSV06] L. F. Shampine, B. P. Sommeijer, and J. G. Verwer. IRKC: an IMEX solver for

- stiff diffusion-reaction PDEs. *Journal of Computational and Applied Mathematics*, 196(2):485–497, November 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500600X>. **Shishkina:2009:STT**
- [SSW09] Olga Shishkina, Andrei Shishkin, and Claus Wagner. Simulation of turbulent thermal convection in complicated domains. *Journal of Computational and Applied Mathematics*, 226(2):336–344, April 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004135>. **Sogabe:2009:ECR**
- [SSZ09] T. Sogabe, M. Sugihara, and S.-L. Zhang. An extension of the conjugate residual method to nonsymmetric linear systems. *Journal of Computational and Applied Mathematics*, 226(1):103–113, April 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002264>. **Sanders:2005:TOF**
- [ST05] J. B. Sanders and N. M. Temme. On the temporal order of first-passage times in one-dimensional lattice random walks. *Journal of Computational and Applied Mathematics*, 182(1):134–149, October 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704006065>. **Song:2007:PAP**
- [STB09] Yihong Song and Hongjiong Tian. Periodic and almost periodic solutions of nonlinear discrete Volterra equations with unbounded delay. *Journal of Computational and Applied Mathematics*, 205(2):859–870, August 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004080>. **Stadler:2007:PFA**
- [Sta07] Georg Stadler. Path-following and augmented Lagrangian methods for contact problems in linear elasticity. *Journal of Computational and Applied Mathematics*, 203(2):533–547, June 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002251>. **Sun:2009:IGB**
- [STB09] Yang Sun, Yu-Hui Tao, and Feng-Shan Bai. Incomplete

- Gröbner basis as a preconditioner for polynomial systems. *Journal of Computational and Applied Mathematics*, 226(1):2–9, April 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002161> ■
- [Ste07] Marc C. Steinbach. On PDE solution in transient optimization of gas networks. *Journal of Computational and Applied Mathematics*, 203(2):345–361, June 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002263> ■
- [Sto05a] Mirjana Stojanović. Global convergence method for singularly perturbed boundary value problems. *Journal of Computational and Applied Mathematics*, 181(2):326–335, September 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005886> ■
- [Sto05b] B. J. Stoyanov. Comments on “Asymptotic expansion of a Bessel function integral using hypergeometric functions” by L. J. Landau and N. J. Luswili. *Journal of Computational and Applied Mathematics*, 176(2):259–262, April 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003310> ■ See [LL01].
- [Sto06] Srebra B. Stoyanova. Invariant cubature formulae of degree 6 for the n -simplex. *Journal of Computational and Applied Mathematics*, 193(2):446–459, September 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004243> ■
- [Sto08] Thomas Stoll. Decomposition of perturbed Chebyshev polynomials. *Journal of Computational and Applied Mathematics*, 214(2):356–370, May 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700132X> ■
- [Sun08] Yongping Sun. Existence of triple positive solutions for a third-order three-point boundary value problem. *Journal of Computational and Applied Mathematics*,

- 221(1):194–201, November 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005791>.
Sun:2009:NSR
- [Sun09] Tong Sun. Numerical smoothing of Runge–Kutta schemes. *Journal of Computational and Applied Mathematics*, 233(4):1056–1062, December 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709006207>.
Suri:2005:SMF
- [Suri05] Manil Suri. Stable hp mixed finite elements based on the Hellinger–Reissner principle. *Journal of Computational and Applied Mathematics*, 174(2):213–225, February 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270400189X>.
Sutmann:2007:CFD
- [Sut07] Godehard Sutmann. Compact finite difference schemes of sixth order for the Helmholtz equation. *Journal of Computational and Applied Mathematics*, 203(1):15–31, June 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001622>.
Suzuki:2005:POA
- Takashi Suzuki. Parallel optimization applied to magnetoencephalography. *Journal of Computational and Applied Mathematics*, 183(1):177–190, November 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000245>.
Sima:2007:SNL
- Diana M. Sima and Sabine Van Huffel. Separable nonlinear least squares fitting with linear bound constraints and its application in magnetic resonance spectroscopy data quantification. *Journal of Computational and Applied Mathematics*, 203(1):264–278, June 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600210X>.
Solin:2007:WDM
- [SV07b] Pavel Solín and Tomáš Vejchodský. A weak discrete maximum principle for hp -FEM. *Journal of Computational and Applied Mathematics*, 209(1):54–65, December 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600210X>.

- [SV09] [//www.sciencedirect.com/science/article/pii/S0377042706006194](http://www.sciencedirect.com/science/article/pii/S0377042706006194) **Sommariva:2009:GGC** [SVC09]
 Alvise Sommariva and Marco Vianello. Gauss–Green cubature and moment computation over arbitrary geometries. *Journal of Computational and Applied Mathematics*, 231(2):886–896, September 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003173>
- [Sv08a] **Svacek:2008:AFE** [SW06a]
 Petr Svcek. Application of finite element method in aeroelasticity. *Journal of Computational and Applied Mathematics*, 215(2):586–594, June 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007709>
- [Sv08b] **Svacek:2008:ANN** [SW06b]
 Petr Svcek. On approximation of non-Newtonian fluid flow by the finite element method. *Journal of Computational and Applied Mathematics*, 218(1):167–174, August 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700338X>
- Saadati:2009:QAA**
 Reza Saadati, S. Mansour Vaezpour, and Yeol J. Cho. Quicksort algorithm: Application of a fixed point theorem in intuitionistic fuzzy quasi-metric spaces at a domain of words. *Journal of Computational and Applied Mathematics*, 228(1):219–225, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004688>
- Soderlind:2006:ATS**
 Gustaf Soderlind and Lina Wang. Adaptive time-stepping and computational stability. *Journal of Computational and Applied Mathematics*, 185(2):225–243, January 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001123>
- Soderlind:2006:ENO**
 Gustaf Soderlind and Lina Wang. Evaluating numerical ODE/DAE methods, algorithms and software. *Journal of Computational and Applied Mathematics*, 185(2):244–260, January 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001123>

- [//www.sciencedirect.com/science/article/pii/S0377042705001135](http://www.sciencedirect.com/science/article/pii/S0377042705001135) ■
- Shen:2008:GOS**
- [SW08] Pei-Ping Shen and Chun-Feng Wang. Global optimization for sum of generalized fractional functions. *Journal of Computational and Applied Mathematics*, 214(1):1–12, April 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000763> ■
- Swaminathan:2006:ITC**
- [Swa06] A. Swaminathan. Inclusion theorems of convolution operators associated with normalized hypergeometric functions. *Journal of Computational and Applied Mathematics*, 197(1):15–28, December 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006308> ■
- Sweilam:2007:HWG**
- [Swe07a] N. H. Sweilam. Harmonic wave generation in non linear thermoelasticity by variational iteration method and Adomian’s method. *Journal of Computational and Applied Mathematics*, 207(1):64–72, October 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004626> ■
- Sweilam:2007:VIM**
- [Swe07b] N. H. Sweilam. Variational iteration method for solving cubic nonlinear Schrödinger equation. *Journal of Computational and Applied Mathematics*, 207(1):155–163, October 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004717> ■
- Shao:2009:PSK**
- [SWYZ09] Jianying Shao, Lijuan Wang, Yuehua Yu, and Jinglei Zhou. Periodic solutions for a kind of Liénard equation with a deviating argument. *Journal of Computational and Applied Mathematics*, 228(1):174–181, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004603> ■
- Saucez:2005:AML**
- [SWZ05] P. Saucez, A. Vande Wouwer, and P. A. Zegeling. Adaptive method of lines solutions for the extended fifth-order Korteweg–de Vries equation. *Journal of Computational and Applied Mathematics*, 183(2):343–357, November 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-

- 1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000701>.
Song:2009:RAS
- [SWZ09] Lina Song, Qi Wang, and Hongqing Zhang. Rational approximation solution of the fractional Sharma–Tasso–Oleiver equation. *Journal of Computational and Applied Mathematics*, 224(1): 210–218, February 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001921>.
Shi:2009:CST
- [SX09] Zhen-Jun Shi and Zhiwei Xu. The convergence of subspace trust region methods. *Journal of Computational and Applied Mathematics*, 231(1): 365–377, September 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001381>.
Sun:2009:AIM
- [SY09] Tongjun Sun and Yirang Yuan. An approximation of incompressible miscible displacement in porous media by mixed finite element method and characteristics-mixed finite element method. *Journal of Computational and Applied Mathematics*, 228(1):391–411, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000701>.
Sezer:2008:ASM
- [SyS08] Mehmet Sezer, Salih yalçınbas, and Niyazi Sahin. Approximate solution of multipantograph equation with variable coefficients. *Journal of Computational and Applied Mathematics*, 214(2):406–416, May 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001367>.
Sogabe:2007:CMS
- [SZ07a] Tomohiro Sogabe and Shao-Liang Zhang. A COCR method for solving complex symmetric linear systems. *Journal of Computational and Applied Mathematics*, 199(2):297–303, February 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007648>.
Sun:2007:IDD
- [SZ07b] Bo Sun and Yi Zhao. Impact of dispersion on dynamics of a discrete metapopulation model. *Journal of Computational and Applied Mathematics*, 200(1):266–275, March 1, 2007. CODEN JCAMDI.

ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705008113> ■

Shen:2008:OCF

[SZ08a]

Jianhua Shen and Ziran Zou. Oscillation criteria for first-order impulsive differential equations with positive and negative coefficients. *Journal of Computational and Applied Mathematics*, 217(1):28–37, July 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003123> ■
See corrigendum [SZ09b].

Slodicka:2008:TDS

[SZ08b]

Marián Slodicka and Viera Zemanová. Time-discretization scheme for quasi-static Maxwell's equations with a non-linear boundary condition. *Journal of Computational and Applied Mathematics*, 216(2):514–522, July 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002919> ■

She:2009:CNB

[SZ09a]

Zhikun She and Zhiming Zheng. Condition number based complexity estimate for computing local extrema. *Journal of Computational and Applied Mathemat-*

ics, 230(1):233–242, August 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005943> ■

Shen:2009:COC

[SZ09b]

Jianhua Shen and Ziran Zou. Corrigendum to: “Oscillation criteria for first-order impulsive differential equations with positive and negative coefficients” [J. Comput. Appl. Math. **217** (1) (2008) 28–37]. *Journal of Computational and Applied Mathematics*, 224(2):777–778, February 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002987> ■
See [SZ08a].

Szafnicki:2005:DEB

[Sza05a]

Boleslaw Szafnicki. On the degree elevation of Bernstein polynomial representation. *Journal of Computational and Applied Mathematics*, 180(2):443–459, August 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005448> ■

Szafraniec:2005:OAP

[Sza05b]

Franciszek Hugon Szafraniec. Orthogonality of analytic polynomials: a little step further. *Journal of Computa-*

- tional and Applied Mathematics*, 179(1-2):343–353, July 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004583>.
Szatanik:2008:QSG [Tab07]
- [Sza08] Wawrzyniec Szatanik. Quasi-solutions for generalized second order differential equations with deviating arguments. *Journal of Computational and Applied Mathematics*, 216(2):425–434, July 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002737>.
Shidfar:2009:ASC [Tac07]
- [SZD09] A. Shidfar, R. Zolfaghari, and J. Damirchi. Application of sinc-collocation method for solving an inverse problem. *Journal of Computational and Applied Mathematics*, 233(2):545–554, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270900466X>.
Toutounian:2009:NMC [Tan06]
- [TA09] F. Toutounian and A. Ataei. A new method for computing Moore–Penrose inverse matrices. *Journal of Computational and Applied Mathematics*, 228(1):412–417, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005062>.
Tabata:2007:DBT
- Masahisa Tabata. Discrepancy between theory and real computation on the stability of some finite element schemes. *Journal of Computational and Applied Mathematics*, 199(2):424–431, February 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500782X>.
Tachikawa:2007:SLP
- Masashi Tachikawa. Specific locking in populations dynamics: Symmetry analysis for coupled heteroclinic cycles. *Journal of Computational and Applied Mathematics*, 201(2):374–380, April 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000902>.
Tang:2006:EAT
- Hui-Chin Tang. An exhaustive analysis of two-term multiple recursive random number generators with efficient multipliers. *Journal of Computational and Applied Mathematics*, 192(2):

- 411–416, August 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003596>.
Trong:2009:DBF [Tay08]
- [TANT09] Dang Duc Trong, Pham Ngoc Dinh Alain, Phan Thanh Nam, and Truong Trung Tuyen. Determination of the body force of a two-dimensional isotropic elastic body. *Journal of Computational and Applied Mathematics*, 229(1):192–207, July 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005566>.
Tarabia:2009:ARW [TBB07]
- [Tar09] Ahmed M. K. Tarabia. Analysis of random walks with an absorbing barrier and chemical rule. *Journal of Computational and Applied Mathematics*, 225(2):612–620, March 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004330>.
Tatsien:2006:EBC [TBL09]
- [Tat06] Li Tatsien. Exact boundary controllability for quasilinear wave equations. *Journal of Computational and Applied Mathematics*, 190(1–2):127–135, June 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002256>.
Taylor:2008:ACF
- Mark A. Taylor. Asymmetric cubature formulas for polynomial integration in the triangle and square. *Journal of Computational and Applied Mathematics*, 218(1):184–191, August 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003408>.
Tian:2007:SDD
- Tianhai Tian, Kevin Burrage, Pamela M. Burrage, and Margherita Carletti. Stochastic delay differential equations for genetic regulatory networks. *Journal of Computational and Applied Mathematics*, 205(2):696–707, August 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003943>.
Theofilatos:2009:CES
- Konstantinos Theofilatos, Grigorios Beligiannis, and Spiridon Likothanassis. Combining evolutionary and stochastic gradient techniques for system identification. *Journal of Computa-*

- tional and Applied Mathematics*, 227(1):147–160, May 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003488>. ■
- Takeuchi:2006:PDP**
- [TCMS06] Yasuhiro Takeuchi, Jing'an Cui, Rinko Miyazaki, and Yasuhisa Saito. Permanence of dispersal population model with time delays. *Journal of Computational and Applied Mathematics*, 192(2):417–430, August 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003602>. ■
- Tunga:2006:HHD**
- [TD06] M. Alper Tunga and Metin Demiralp. Hybrid high dimensional model representation (HHDMR) on the partitioned data. *Journal of Computational and Applied Mathematics*, 185(1):107–132, January 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500052X>. ■
- Tatari:2007:CHV**
- [TD07] Mehdi Tatari and Mehdi Dehghan. On the convergence of He's variational iteration method. *Journal of Computa-*
- tional and Applied Mathematics*, 207(1):121–128, October 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004675>. ■
- Temme:2007:AME**
- [Tem07] N. M. Temme. Analytical methods for an elliptic singular perturbation problem in a circle. *Journal of Computational and Applied Mathematics*, 207(2):301–322, October 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006054>. ■
- Temir:2009:CTI**
- Seyit Temir. On the convergence theorems of implicit iteration process for a finite family of I -asymptotically nonexpansive mappings. *Journal of Computational and Applied Mathematics*, 225(2):398–405, March 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003919>. ■
- Terwilliger:2005:TLT**
- [Ter05] Paul Terwilliger. Two linear transformations each tridiagonal with respect to an eigenbasis of the other: comments on the split decompo-

sition. *Journal of Computational and Applied Mathematics*, 178(1–2):437–452, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003905> ■

Tapamo:2007:TAM

[TF07]

H. Tapamo and A. Frommer. Two acceleration mechanisms in verified global optimization. *Journal of Computational and Applied Mathematics*, 199(2):390–396, February 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007776> ■

Toth:2007:ECS

[TFC07]

B. Tóth, J. Fernández, and T. Csendes. Empirical convergence speed of inclusion functions for facility location problems. *Journal of Computational and Applied Mathematics*, 199(2):384–389, February 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007764> ■

Tian:2007:FOC

[TG07]

Z. F. Tian and Y. B. Ge. A fourth-order compact ADI method for solving two-dimensional unsteady convection–diffusion prob-

[TG09]

lems. *Journal of Computational and Applied Mathematics*, 198(1):268–286, January 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007909> ■

Tao:2009:TDM

Youtian Tao and Chuanqing Gu. A two-dimensional matrix Padé-type approximation in the inner product space. *Journal of Computational and Applied Mathematics*, 231(2):680–695, September 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002684> ■

Tangman:2008:FHO

[TGB08a]

D. Y. Tangman, A. Gopaul, and M. Bhuruth. A fast high-order finite difference algorithm for pricing American options. *Journal of Computational and Applied Mathematics*, 222(1):17–29, December 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005468> ■

Tangman:2008:NPO

[TGB08b]

D. Y. Tangman, A. Gopaul, and M. Bhuruth. Numerical pricing of options using high-order compact finite difference schemes. *Journal*

- of *Computational and Applied Mathematics*, 218(2): 270–280, September 1, 2008. [THC08]
 CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700043X>■
- [TGJ19] **Tahmasebi:2019:CSC**
 Mahdiah Tahmasebi, Azadeh Ghasemifard, and Mohammad Taghi Jahandideh. Comments on “Strong convergence rates for backward Euler on a class of nonlinear jump-diffusion problems” [j. comput. appl. math. 205 (2007) 949–956]. *Journal of Computational and Applied Mathematics*, 359(??): 69–72, October 15, 2019. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <https://www.sciencedirect.com/science/article/pii/S0377042719301633>■
 See [HK07b].
- [TH07] **Tavazoei:2007:OAB**
 Mohammad Saleh Tavazoei and Mohammad Haeri. An optimization algorithm based on chaotic behavior and fractal nature. *Journal of Computational and Applied Mathematics*, 206(2):1070–1081, September 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005796>■
- [Thi05] **Thi:2005:PSP**
 N. N. Pham Thi. On positive solutions in a phytoplankton-nutrient model. *Journal of Computational and Applied Mathematics*, 177(2): 467–473, May 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005540>■
- Tian:2008:CGA**
 Gui-Xian Tian, Ting-Zhu Huang, and Shu-Yu Cui. Convergence of generalized AOR iterative method for linear systems with strictly diagonally dominant matrices. *Journal of Computational and Applied Mathematics*, 213(1):240–247, March 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000313>■
- Thianwan:2009:CFP**
 Sornsak Thianwan. Common fixed points of new iterations for two asymptotically non-expansive nonself-mappings in a Banach space. *Journal of Computational and Applied Mathematics*, 224(2): 688–695, February 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800294X>■

- [THS05] **Thi:2005:STD**
 N. N. Pham Thi, J. Huisman, and B. P. Sommeijer. Simulation of three-dimensional phytoplankton dynamics: competition in light-limited environments. *Journal of Computational and Applied Mathematics*, 174(1):57–77, February 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704001712>■
- [TJ08] **Tang:2008:SQC**
 Chun-Ming Tang and Jin-Bao Jian. A sequential quadratically constrained quadratic programming method with an augmented Lagrangian line search function. *Journal of Computational and Applied Mathematics*, 220(1–2): 525–547, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004840>■
- [TK07] **Tiwari:2007:MTP**
 Sudarshan Tiwari and Jörg Kuhnert. Modeling of two-phase flows with surface tension by finite pointset method (FPM). *Journal of Computational and Applied Mathematics*, 203(2):376–386, June 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004840>■
- [TL07] **Tian:2007:CRW**
 Jianjun Paul Tian and Zhenqiu Liu. Coalescent random walks on graphs. *Journal of Computational and Applied Mathematics*, 202(1):144–154, May 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002275>■
- [TL09] **Tapia:2009:APS**
 Juan J. Tapia and P. Gilberto López. Adaptive pseudospectral solution of a diffuse interface model. *Journal of Computational and Applied Mathematics*, 224(1): 101–117, February 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001805>■
- [TLQ08] **Tong:2008:SIP**
 Xiaojiao Tong, Chen Ling, and Liqun Qi. A semi-infinite programming algorithm for solving optimal power flow with transient stability constraints. *Journal of Computational and Applied Mathematics*, 217(2):432–447, August 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001805>■

- [//www.sciencedirect.com/science/article/pii/S0377042707001008](http://www.sciencedirect.com/science/article/pii/S0377042707001008) ■
- [tLxLIW07] Yao tang Li, Cui xia Li, and Shi liang Wu. Improvements of preconditioned AOR iterative method for L -matrices. *Journal of Computational and Applied Mathematics*, 206(2):656–665, September 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005127> ■. See note [Yun08b].
- [TMG09] **Li:2007:IPA**
- [TM08] Carole J. Twining and Stephen Marsland. Constructing an atlas for the diffeomorphism group of a compact manifold with boundary, with application to the analysis of image registrations. *Journal of Computational and Applied Mathematics*, 222(2):411–428, December 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707006188> ■.
- [TMMS07] **Twining:2008:CAD**
- [TM09] Dimitrios Triantafyllou and Marilena Mitrouli. On the computation of the rank of block bidiagonal Toeplitz matrices. *Journal of Computational and Applied Mathematics*, 227(1):126–135, May 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800335X> ■.
- [TMMS07] **Tokarzewski:2009:ESF**
- [TMMS07] Stanislaw Tokarzewski, Alphonse Ph. Magnus, and Jacek Gilewicz. Estimation of a Stieltjes function expanded to Taylor series at complex conjugate points. *Journal of Computational and Applied Mathematics*, 233(3):835–841, December 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001320> ■.
- [TMMS07] **Takeuchi:2007:P**
- [TMMS07] Yasuhiro Takeuchi, R. Miyazaki, S. Morita, and Y. Saito. Preface. *Journal of Computational and Applied Mathematics*, 201(2):315–316, April 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000835> ■.
- [TMOG07] **Taboada:2007:CQM**
- [TMOG07] J. Taboada, J. M. Matías, C. Ordóñez, and P. J. García. Creating a quality map of a slate deposit using support vector machines. *Journal of Computational and Applied Mathematics*, 204(1):84–94, July 1, 2007. CODEN JCAMDI. ISSN

0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600241X>.

Tsolis:2009:ARM

[TND⁺09]

Dimitrios Tsolis, Spiridon Nikolopoulos, Lambros Drossos, Spyros Sioutas, and Theodore Papatheodorou. Applying robust multibit watermarks to digital images. *Journal of Computational and Applied Mathematics*, 227(1):213–220, May 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003543>.

[Tok07]

Tocino:2005:MSS

[Toc05]

A. Tocino. Mean-square stability of second-order Runge–Kutta methods for stochastic differential equations. *Journal of Computational and Applied Mathematics*, 175(2):355–367, March 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704002390>.

[Tor05]

[Tor08]

Tocino:2009:SOW

[Toc09]

A. Tocino. Simplified order 4.0 weak Taylor schemes for additive noise. *Journal of Computational and Applied Mathematics*, 231(1):154–159, September 1, 2009. CODEN JCAMDI. ISSN

0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000491>.

Toksari:2007:HAF

M. Duran Toksari. A heuristic approach to find the global optimum of function. *Journal of Computational and Applied Mathematics*, 209(2):160–166, December 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006728>.

Torney:2005:BAB

David C. Torney. Bayesian analysis of binary sequences. *Journal of Computational and Applied Mathematics*, 175(2):231–243, March 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704002304>.

Torre:2008:GZD

A. Torre. Generalized Zernike or disc polynomials: an application in quantum optics. *Journal of Computational and Applied Mathematics*, 222(2):622–644, December 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707006450>.

- [Toy07] **Toyonaga:2007:MSN** K. Toyonaga. A method for separating nearly multiple eigenvalues for Hermitian matrix. *Journal of Computational and Applied Mathematics*, 199(2):432–436, February 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007831>.
- [TR07] **Teofanov:2007:ESP** Lj. Teofanov and H.-G. Roos. An elliptic singularly perturbed problem with two parameters. I: Solution decomposition. *Journal of Computational and Applied Mathematics*, 206(2):1082–1097, September 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005802>.
- [TQA06] **Trong:2006:DTD** D. D. Trong, P. H. Quan, and P. N. Dinh Alain. Determination of a two-dimensional heat source: Uniqueness, regularization and error estimate. *Journal of Computational and Applied Mathematics*, 191(1):50–67, June 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500261X>.
- [TR08] **Teofanov:2008:ESP** Lj. Teofanov and H.-G. Roos. An elliptic singularly perturbed problem with two parameters II: Robust finite element solution. *Journal of Computational and Applied Mathematics*, 212(2):374–389, March 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007370>.
- [TR06] **Teng:2006:PNP** Zhidong Teng and Mehbuba Rehim. Persistence in nonautonomous predator–prey systems with infinite delays. *Journal of Computational and Applied Mathematics*, 197(2):302–321, December 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500662X>.
- [TR09] **Tomar:2009:ECE** S. K. Tomar and S. I. Repin. Efficient computable error bounds for discontinuous Galerkin approximations of elliptic problems. *Journal of Computational and Applied Mathematics*, 226(2):358–369, April 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001111>.

- [//www.sciencedirect.com/science/article/pii/S0377042708004159](http://www.sciencedirect.com/science/article/pii/S0377042708004159) ■
- Tamilselvan:2007:NMS**
- [TRS07] A. Tamilselvan, N. Ramanujam, and V. Shanthi. A numerical method for singularly perturbed weakly coupled system of two second order ordinary differential equations with discontinuous source term. *Journal of Computational and Applied Mathematics*, 202(2):203–216, May 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001221> ■
- Tari:2009:SCT**
- [TRST09] A. Tari, M. Y. Rahimi, S. Shahmorad, and F. Talati. Solving a class of two-dimensional linear and nonlinear Volterra integral equations by the differential transform method. *Journal of Computational and Applied Mathematics*, 228(1):70–76, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800438X> ■ See comments [Jan09].
- Tselios:2005:RKM**
- [TS05] Kostas Tselios and T. E. Simos. Runge–Kutta methods with minimal dispersion and dissipation for problems arising from computational acoustics. *Journal of Computational and Applied Mathematics*, 175(1):173–181, March 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704002511> ■
- Tang:2006:TTM**
- [TS06a] Lingyan Tang and Songhe Song. A TVD-type method for 2D scalar Hamilton–Jacobi equations on unstructured meshes. *Journal of Computational and Applied Mathematics*, 195(1–2):182–191, October 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004838> ■
- Tian:2006:REI**
- [TS06b] Yongge Tian and George P. H. Styan. Rank equalities for idempotent matrices with applications. *Journal of Computational and Applied Mathematics*, 191(1):77–97, June 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002633> ■
- Tang:2008:MFV**
- [TS08] Lingyan Tang and Songhe Song. A multiresolution finite volume scheme for

- two-dimensional hyperbolic conservation laws. *Journal of Computational and Applied Mathematics*, 214(2):583–595, May 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001562>. ■
- [Tsa09] **Tsallis:2009:CAN**
Constantino Tsallis. Computational applications of nonextensive statistical mechanics. *Journal of Computational and Applied Mathematics*, 227(1):51–58, May 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003282>. ■
- [TSB09] **Tezer-Sezgin:2009:BES**
M. Tezer-Sezgin and C. Bozkaya. The boundary element solution of the magnetohydrodynamic flow in an infinite region. *Journal of Computational and Applied Mathematics*, 225(2):510–521, March 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004238>. ■
- [TSC10] **Tian:2010:CES**
Yuan Tian, Kaibiao Sun, and Lansun Chen. Comment on “Existence and stability of periodic solution of a Lotka–Volterra predator–prey model with state dependent impulsive effects” [J. Comput. Appl. Math. **224** (2009) 544–555]. *Journal of Computational and Applied Mathematics*, 234(10):2916–2923, September 15, 2010. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042710001986>. ■ See [NPTh09].
- [Tsi06] **Tsitouras:2006:SRS**
Ch. Tsitouras. Stage reduction on P -stable Numerov type methods of eighth order. *Journal of Computational and Applied Mathematics*, 191(2):297–305, July 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005571>. ■
- [TTZ06] **Tan:2006:SMM**
Zhijun Tan, Tao Tang, and Zhengru Zhang. A simple moving mesh method for one- and two-dimensional phase-field equations. *Journal of Computational and Applied Mathematics*, 190(1–2):252–269, June 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002347>. ■

Tupper:2007:CSH

[Tup07]

P. F. Tupper. Computing statistics for Hamiltonian systems: a case study. *Journal of Computational and Applied Mathematics*, 205(2): 826–834, August 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004055>.

Tang:2007:DSS

[TV07]

J. M. Tang and C. Vuik. On deflation and singular symmetric positive semi-definite matrices. *Journal of Computational and Applied Mathematics*, 206(2): 603–614, September 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005073>.

Turovtsev:2006:ESD

[Tur06]

G. V. Turovtsev. An expansion of the solution of Dirichlet boundary value problem for Berger equation. *Journal of Computational and Applied Mathematics*, 193(1):1–9, August 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003754>.

[TV09a]

Nico M. Temme and Vladimir Varlamov. Asymptotic expansions for Riesz fractional derivatives of Airy functions and applications. *Journal of Computational and Applied Mathematics*, 232(2): 201–215, October 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003410>.

Temme:2009:AER**Turaev:2009:DFS**

[Tur09]

Mamasali Turaev. Decomposition formulas for Srivastava's hypergeometric function H_A on Saran functions. *Journal of Computational and Applied Mathematics*, 233(3):842–846, December 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001332>.

[TV09b]

Tsompanopoulou:2009:AIR

P. Tsompanopoulou and E. Vavalis. Analysis of an interface relaxation method for composite elliptic differential equations. *Journal of Computational and Applied Mathematics*, 226(2):370–387, April 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004160>.

- [TX07] **Thangavelu:2007:RTR**
Sundaram Thangavelu and Yuan Xu. Riesz transform and Riesz potentials for Dunkl transform. *Journal of Computational and Applied Mathematics*, 199(1): 181–195, February 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007491>.
- [TXZ09] **Tian:2009:NDD**
Junkang Tian, Dongsheng Xu, and Jian Zu. Novel delay-dependent asymptotic stability criteria for neural networks with time-varying delays. *Journal of Computational and Applied Mathematics*, 228(1):133–138, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800455X>.
- [TY05] **Tsai:2005:VVP**
Chiung-Chiou Tsai and Suh-Yuh Yang. On the velocity-vorticity-pressure least-squares finite element method for the stationary incompressible Oseen problem. *Journal of Computational and Applied Mathematics*, 182(1): 211–232, October 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000215>.
- [TY07a] **Tian:2007:SPS**
Lixin Tian and Jiuli Yin. Shock-peakon and shock-compacton solutions for $K(p, q)$ equation by variational iteration method. *Journal of Computational and Applied Mathematics*, 207(1):46–52, October 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004596>.
- [TY07b] **Tsai:2007:ASM**
Chiung-Chiou Tsai and Suh-Yuh Yang. Analysis of a splitting method for incompressible inviscid rotational flow problems. *Journal of Computational and Applied Mathematics*, 200(1):364–376, March 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000215>.
- [TYH08] **Tang:2008:DTG**
Yinghui Tang, Xi Yun, and Shujuan Huang. Discrete-time $\text{Geo}^X / G/1$ queue with unreliable server and multiple adaptive delayed vacations. *Journal of Computational and Applied Mathematics*, 220(1–2):439–455, October 15, 2008. CODEN JCAMDI. URL <http://www.sciencedirect.com/science/article/pii/S0377042708004596>.

ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004645>.

Tang:2005:AOI

[TYZ⁺05]

Chen Tang, Haiqing Yan, Hao Zhang, Zhanqing Chen, Ming Liu, and Guimin Zhang. The arbitrary order implicit multistep schemes of exponential fitting and their applications. *Journal of Computational and Applied Mathematics*, 173(1):155–168, January 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704001487>.

[uHA09]

Utyuzhnikov:2009:MGW

[UFG09]

S. V. Utyuzhnikov, P. Fantini, and M. D. Guenov. A method for generating a well-distributed Pareto set in nonlinear multiobjective optimization. *Journal of Computational and Applied Mathematics*, 223(2):820–841, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000861>.

[Uje07]

Ushijima:2009:FIP

[UHNC09]

Teruo Ushijima, Kyousuke Handa, Homare Nishizaki, and Fumihiko Chiba. An FEM identification procedure for a wing section within a

class of finite Laurent series. *Journal of Computational and Applied Mathematics*, 232(1):17–45, October 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005426>.

Siraj-ul-Islam:2009:MMN

Siraj ul Islam, Sirajul Haq, and Arshed Ali. A mesh-free method for the numerical solution of the RLW equation. *Journal of Computational and Applied Mathematics*, 223(2):997–1012, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001416>.

Ujevic:2007:IMS

Nenad Ujević. An iterative method for solving nonlinear equations. *Journal of Computational and Applied Mathematics*, 201(1):208–216, April 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001002>.

Ueno:2009:NSS

Toshihide Ueno and Masami Okada. Non-separable splines and numerical computation of evolution equations by the Galerkin methods. *Journal of Computational and Ap-*

[UO09]

- plied Mathematics*, 223(1): 159–176, January 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000058>.
Vigo-Aguiar:2006:P
- [VA06] J. Vigo-Aguiar. Preface. *Journal of Computational and Applied Mathematics*, 192(1):1, July 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003018>.
Valami:2009:GPE
- [Val09] H. Bagherzadeh Valami. Group performance evaluation, an application of data envelopment analysis. *Journal of Computational and Applied Mathematics*, 230(2): 485–490, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708006456>.
Vigo-Aguiar:2005:SEF
- [VAMVC05] J. Vigo-Aguiar, J. Martín-Vaquero, and R. Criado. On the stability of exponential fitting BDF algorithms. *Journal of Computational and Applied Mathematics*, 175 (1):183–194, March 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002493>.
VandeVyver:2005:FEE
- Hans Van de Vyver. Frequency evaluation for exponentially fitted Runge–Kutta methods. *Journal of Computational and Applied Mathematics*, 184(2): 442–463, December 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000415>.
VandeVyver:2006:GSE
- [Van06a] Hans Van de Vyver. On the generation of P -stable exponentially fitted Runge–Kutta–Nyström methods by exponentially fitted Runge–Kutta methods. *Journal of Computational and Applied Mathematics*, 188(2): 309–318, April 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002578>. See erratum [Van07a].
Vigo-Aguiar:2006:ENM
- [VAN06b] J. Vigo-Aguiar and S. Natesan. An efficient numerical method for singular perturbation problems. *Journal of Computational and Applied Mathematics*, 192 (1):132–141, July 15, 2006.

- CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003134>.
VandeVyver:2007:EGS
- [Van07a] Hans Van de Vyver. Erratum to “On the generation of P -stable exponentially fitted Runge–Kutta–Nyström methods by exponentially fitted Runge–Kutta methods”. *Journal of Computational and Applied Mathematics*, 200(2):778–779, March 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000987>.
 See [Van06a].
- [Van07b] Hans Van de Vyver. Phase-fitted and amplification-fitted two-step hybrid methods for $y'' = f(x, y)$. *Journal of Computational and Applied Mathematics*, 209(1):33–53, December 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006182>.
VandeVyver:2007:PFA
- [Van08] Jeannette Van Iseghem. Shohat–Favard type theorem for orthogonal series. *Journal of Computational and Applied Mathematics*, 219(2):537–550, October 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002750>.
VandeVyver:2009:STS
- [Van09] Hans Van de Vyver. Scheifele two-step methods for perturbed oscillators. *Journal of Computational and Applied Mathematics*, 224(1):415–432, February 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002483>.
Vigo-Aguiar:2006:VSI
- [VAR06] Jesús Vigo-Aguiar and Higinio Ramos. Variable step-size implementation of multistep methods for $y'' = f(x, y, y')$. *Journal of Computational and Applied Mathematics*, 192(1):114–131, July 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003122>.
Varlamov:2007:SFA
- [Var07] Vladimir Varlamov. Special functions arising in the study of semi-linear equations in circular domains. *Journal of Computational and Applied Mathematics*, 202(1):105–121, May 1, 2007. CODEN JCAMDI. ISSN

- 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001191>.
- [VAW07] **Vigo-Aguiar:2007:SID** J. Vigo-Aguiar and B. A. Wade. Special issue dedicated to Professor shinnosuke oharu on the occasion of his 65th birthday. *Journal of Computational and Applied Mathematics*, 204(1):1–2, July 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002329>.
- [VB05a] **VanDeun:2005:COR** J. Van Deun and A. Bultheel. The computation of orthogonal rational functions on an interval. *Journal of Computational and Applied Mathematics*, 179(1–2):355–373, July 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004595>.
- [VB05b] **VanDeun:2005:WSC** J. Van Deun and A. Bultheel. A weak-star convergence result for orthogonal rational functions. *Journal of Computational and Applied Mathematics*, 178(1–2):453–464, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003717>.
- [VB05c] **VandenBerghen:2005:CNP** Frank Vanden Berghen and Hugues Bersini. CONDOR, a new parallel, constrained extension of Powell’s UOBYQA algorithm: Experimental results and comparison with the DFO algorithm. *Journal of Computational and Applied Mathematics*, 181(1):157–175, September 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003930>.
- [VC06] **Vandewoestyne:2006:GPD** Bart Vandewoestyne and Ronald Cools. Good permutations for deterministic scrambled Halton sequences in terms of L_2 -discrepancy. *Journal of Computational and Applied Mathematics*, 189(1–2):341–361, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003717>.
- [VCD+08] **Vanduffel:2008:OAR** S. Vanduffel, X. Chen, J. Dhaene, M. Goovaerts, L. Henrard, and R. Kaas. Optimal approximations for risk measures of sums of lognormals based on conditional expectations. *Jour-*

- nal of Computational and Applied Mathematics*, 221(1): 202–218, November 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700581X> ■
- vanDiejen:2005:AFK**
- [vD05] J. F. van Diejen. An asymptotic formula for the Koornwinder polynomials. *Journal of Computational and Applied Mathematics*, 178(1–2):465–471, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003942> ■
- vandenBoogaart:2007:KBM**
- [vdBHPS07] K. G. van den Boogaart, R. Hielscher, J. Prestin, and H. Schaeben. Kernel-based methods for inversion of the Radon transform on $SO(3)$ and their applications to texture analysis. *Journal of Computational and Applied Mathematics*, 199(1): 122–140, February 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007442> ■
- vandenEshof:2005:RSN**
- [vdESvG05] Jasper van den Eshof, Gerard L. G. Sleijpen, and Martin B. van Gijzen. Relaxation strategies for nested Krylov methods. *Journal of Computational and Applied Mathematics*, 177(2):347–365, May 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004303> ■
- Vanmaele:2006:BPD**
- [VDM+06] M. Vanmaele, G. Deelstra, J. Liinev, J. Dhaene, and M. J. Goovaerts. Bounds for the price of discrete arithmetic Asian options. *Journal of Computational and Applied Mathematics*, 185(1):51–90, January 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000506> ■
- Vierendeels:2008:PSC**
- [VDV08] J. Vierendeels, K. Dumont, and P. R. Verdonck. A partitioned strongly coupled fluid-structure interaction method to model heart valve dynamics. *Journal of Computational and Applied Mathematics*, 215(2):602–609, June 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007722> ■
- vanDoorn:2009:REZ**
- [vDvFZ09] Erik A. van Doorn, Nicky D. van Forest, and Alexander I.

Zeifman. Representations for the extreme zeros of orthogonal polynomials. *Journal of Computational and Applied Mathematics*, 233(3): 847–851, December 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001344>. See corrigendum [vDvFZ13].

[Ver06]

vanDoorn:2013:CRE

[vDvFZ13]

Erik A. van Doorn, Nicky D. van Foreest, and Alexander I. Zeifman. Corrigendum to “Representations for the extreme zeros of orthogonal polynomials” [J. Comput. Appl. Math. **233** (2009) 847–851]. *Journal of Computational and Applied Mathematics*, 244(??):155–156, May 15, 2013. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042712005225>. See [vDvFZ09].

[Ver08]

Verotta:2005:MEM

[Ver05]

Davide Verotta. Models and estimation methods for clinical HIV-1 data. *Journal of Computational and Applied Mathematics*, 184(1): 275–300, December 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000816>.

[VG09]

Verner:2006:SMT

J. H. Verner. Starting methods for two-step Runge–Kutta methods of stage-order 3 and order 6. *Journal of Computational and Applied Mathematics*, 185(2): 292–307, January 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001160>.

Vercher:2008:PFR

Enriqueta Vercher. Portfolios with fuzzy returns: Selection strategies based on semi-infinite programming. *Journal of Computational and Applied Mathematics*, 217(2): 381–393, August 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000970>.

Vazquez:2009:ESI

C. García Vázquez and F. Ortega Gallego. An elliptic system involving a singular diffusion matrix. *Journal of Computational and Applied Mathematics*, 229(2):452–461, July 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001659>.

Valent:2009:OJP

- [VGT09] Galliano Valent, Jacek Gilewicz, [Vin09] and Roland Triay. OPSFA09 (July 2–6, 2007): Proceedings. *Journal of Computational and Applied Mathematics*, 233(3):591–596, December 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001009>.

Vidunas:2005:TSG

- [Vid05] Raimundas Vidunas. Transformations of some Gauss hypergeometric functions. *Journal of Computational and Applied Mathematics*, 178(1–2):473–487, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004625>.

Villatoro:2009:GOS

- [Vil09] Francisco R. Villatoro. Given a one-step numerical scheme, on which ordinary differential equations is it exact? *Journal of Computational and Applied Mathematics*, 223(2):1058–1065, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001453>.

Vinogradova:2009:CEP

- Polina Vinogradova. Convergence estimates of a projection-difference method for an operator-differential equation. *Journal of Computational and Applied Mathematics*, 231(1):1–10, September 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000557>.

Vermolen:2009:CAS

- [VJ09] F. J. Vermolen and E. Javierre. On the construction of analytic solutions for a diffusion-reaction equation with a discontinuous switch mechanism. *Journal of Computational and Applied Mathematics*, 231(2):983–1003, September 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270900329X>.

Vasuki:2006:CIR

- [VK06] K. R. Vasuki and B. R. Srivatsa Kumar. Certain identities for Ramanujan–Göllnitz–Gordon continued fraction. *Journal of Computational and Applied Mathematics*, 187(1):87–95, March 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000557>.

- [//www.sciencedirect.com/science/article/pii/S0377042705001470](http://www.sciencedirect.com/science/article/pii/S0377042705001470) ■
- Voss:2008:SIN**
- [VK08] David A. Voss and Abdul Q. M. Khaliq. Special issue: Numerical PDE methods in finance: Guest Editors' foreword. *Journal of Computational and Applied Mathematics*, 222(1):1–2, December 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005444> ■
- Vlcek:2006:SLM**
- [VL06] Jan Vlcek and Ladislav Lukšan. Shifted limited-memory variable metric methods for large-scale unconstrained optimization. *Journal of Computational and Applied Mathematics*, 186(2):365–390, February 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001007> ■
- Verheyden:2008:ECC**
- [VLR08] Koen Verheyden, Tatyana Luzyanina, and Dirk Roose. Efficient computation of characteristic roots of delay differential equations using LMS methods. *Journal of Computational and Applied Mathematics*, 214(1):209–226, April 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001094> ■
- Vaissmoradi:2009:EAA**
- [VMMM09] N. Vaissmoradi, A. Malek, and S. H. Momeni-Masuleh. Error analysis and applications of the Fourier–Galerkin Runge–Kutta schemes for high-order stiff PDEs. *Journal of Computational and Applied Mathematics*, 231(1):124–133, September 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000466> ■
- Vandebril:2007:LLA**
- [VMV07] Raf Vandebril, Nicola Mastronardi, and Marc Van Barel. A Levinson-like algorithm for symmetric strongly nonsingular higher order semiseparable plus band matrices. *Journal of Computational and Applied Mathematics*, 198(1):75–97, January 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007077> ■
- Vazquez:2009:MAA**
- [VN09] Ariel Almendral Vázquez and Bjørn Fredrik Nielsen. The multigrid algorithm applied to a degenerate equation: a convergence analysis. *Journal of Computational and*

- Applied Mathematics*, 225 (1):251–267, March 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003671> **Vandekerckhove:2008:AAA**
- [Vol05] Wolfgang Volk. Evaluation of the solution of an integral-functional equation. *Journal of Computational and Applied Mathematics*, 174(2): 423–436, February 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704002274> **Volk:2005:ESI** [VR08] Christophe Vandekerckhove and Dirk Roose. Accuracy analysis of acceleration schemes for stiff multiscale problems. *Journal of Computational and Applied Mathematics*, 211(2): 181–200, February 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001014>
- [Vol08] Hans Volkmer. Approximation of eigenvalues of some differential equations by zeros of orthogonal polynomials. *Journal of Computational and Applied Mathematics*, 213(2):488–500, April 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000672> **Volkmer:2008:AES** [VRBF07] Lorenzo Valdettaro, Michel Rieutord, Thierry Braconnier, and Valérie Frayssé. Convergence and round-off errors in a two-dimensional eigenvalue problem using spectral methods and Arnoldi-Chebyshev algorithm. *Journal of Computational and Applied Mathematics*, 205(1): 382–393, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003256> **Valdettaro:2007:CRE**
- [vOP07] R. G. M. van Os and T. N. Phillips. The choice of spectral element basis functions in domains with an axis of symmetry. *Journal of Computational and Applied Mathematics*, 201(1):217–229, April 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003256> **vanOs:2007:CSE** [VRL07] Christophe Vandekerckhove, Dirk Roose, and Kurt Lust. Numerical stability analysis

of an acceleration scheme for step size constrained time integrators. *Journal of Computational and Applied Mathematics*, 200(2): 761–777, March 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000744>.

Vazquez:2008:GSI

[VRSS08]

F. Guerra Vázquez, J.-J. Rückmann, O. Stein, and G. Still. Generalized semi-infinite programming: a tutorial. *Journal of Computational and Applied Mathematics*, 217(2):394–419, August 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000982>.

Vejchodsky:2008:SCP

[VS08]

Tomás Vejchodský and Pavel Solín. Static condensation, partial orthogonalization of basis functions, and ILU preconditioning in the *hp*-FEM. *Journal of Computational and Applied Mathematics*, 218(1):192–200, August 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700341X>.

Vegh:2006:HTC

[VT06]

V. Vegh and I. W. Turner. [VV05b]

A hybrid technique for computing the power distribution generated in a lossy medium during microwave heating. *Journal of Computational and Applied Mathematics*, 197(1):122–140, December 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006473>.

Vulanovic:2007:LRT

Relja Vulanović. The layer-resolving transformation and mesh generation for quasilinear singular perturbation problems. *Journal of Computational and Applied Mathematics*, 203(1):177–189, June 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001932>.

Vacus:2005:DSC

Olivier Vacus and Nicolas Vukadinovic. Dynamic susceptibility computations for thin magnetic films. *Journal of Computational and Applied Mathematics*, 176(2):263–281, April 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003322>.

Vermolen:2005:SVS

F. J. Vermolen and C. Vuik.

- Solution of vector Stefan problems with cross-diffusion. *Journal of Computational and Applied Mathematics*, 176(1):179–201, April 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003267> [VV09b]
- [VV06] **Vandebril:2006:NNT**
Raf Vandebril and Marc Van Barel. A note on the nullity theorem. *Journal of Computational and Applied Mathematics*, 189(1–2):179–190, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500097X>
- [VV07] **VandenBerghe:2007:EFN** [VVE08a]
G. Vanden Berghe and M. Van Daele. Exponentially-fitted Numerov methods. *Journal of Computational and Applied Mathematics*, 200(1):140–153, March 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705008010>
- [VV09a] **Vandaele:2009:EPU**
Nele Vandaele and Michèle Vanmaele. Explicit portfolio for unit-linked life insurance contracts with surrender option. *Journal of Computa-*
- tional and Applied Mathematics*, 233(1):16–26, November 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001933>
- VandenBerghe:2009:TPE**
G. Vanden Berghe and M. Van Daele. Trigonometric polynomial or exponential fitting approach? *Journal of Computational and Applied Mathematics*, 233(4):969–979, December 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709005858>
- Vaassen:2008:IHO**
J.-M. Vaassen, D. Vigneron, and J.-A. Essers. An implicit high order finite volume scheme for the solution of 3D Navier–Stokes equations with new discretization of diffusive terms. *Journal of Computational and Applied Mathematics*, 215(2):595–601, June 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007710>
- Vigneron:2008:IFV**
D. Vigneron, J.-M. Vaassen, and J.-A. Essers. An implicit finite volume method for the solution of 3D low

- Mach number viscous flows using a local preconditioning technique. *Journal of Computational and Applied Mathematics*, 215(2):610–617, June 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007734>.
Vanberghen:2008:MBS [WA08]
- [VVV08] Yvette Vanberghen, Raf Vandebril, and Marc Van Barel. A QZ -method based on semiseparable matrices. *Journal of Computational and Applied Mathematics*, 218(2):482–491, September 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004104>.
Voitcu:2006:CNR [Waa05]
- [VW06] Ovidiu Voitcu and Yau Shu Wong. On the construction of a nonlinear recursive predictor. *Journal of Computational and Applied Mathematics*, 190(1–2):393–407, June 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002426>.
Vinet:2008:GBT [Wac05]
- [VZ08] Luc Vinet and Alexei Zhedanov. Generalized Bochner theorem: Characterization of the Askey–Wilson polynomials. *Journal of Computational and Applied Mathematics*, 211(1):45–56, January 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006947>.
Winkler:2008:STL
- Joab R. Winkler and John D. Allan. Structured total least norm and approximate GCDs of inexact polynomials. *Journal of Computational and Applied Mathematics*, 215(1):1–13, May 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001598>.
Waadeland:2005:MCC
- Haakon Waadeland. Monotonicity of CF-coefficients in Gauss-fractions. *Journal of Computational and Applied Mathematics*, 179(1–2):375–380, July 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004601>.
Wackers:2005:NGD
- Jeroen Wackers. A nested-grid direct Poisson solver for concentrated source terms. *Journal of Computational and Applied Mathematics*, 180(1):1–12, August 1, 2005.

CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004649>.

Wang:2007:TSS

[Wan07a]

Hanquan Wang. A time-splitting spectral method for coupled Gross–Pitaevskii equations with applications to rotating Bose–Einstein condensates. *Journal of Computational and Applied Mathematics*, 205(1):88–104, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002573>.

Wang:2007:ICO

[Wan07b]

Qi-Ru Wang. Interval criteria for oscillation of second-order nonlinear differential equations. *Journal of Computational and Applied Mathematics*, 205(1):231–238, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002846>.

Wang:2007:ESM

[Wan07c]

Yuan-Ming Wang. Error and stability of monotone method for numerical solutions of fourth-order semilinear elliptic boundary value problems. *Journal of Computational and Applied Mathematics*,

200(2):503–519, March 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000318>.

Wang:2008:TSS

[Wan08a]

Peng Wang. Three-stage stochastic Runge–Kutta methods for stochastic differential equations. *Journal of Computational and Applied Mathematics*, 222(2):324–332, December 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707006012>.

Wang:2008:RRM

[Wan08b]

Ren-Hong Wang. Recent researches on multivariate spline and piecewise algebraic variety. *Journal of Computational and Applied Mathematics*, 221(2):460–471, November 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005778>.

Wang:2009:RAB

[Wan09a]

Lijuan Wang. RETRACTED: Asymptotic behavior of solutions to a system of differential equations with state-dependent delays. *Journal of Computational and Applied Mathematics*, 228

- (1):226–230, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800469X>.
Wang:2009:OPU
- [Wan09b] Zeng-Qi Wang. Optimization of the parameterized Uzawa preconditioners for saddle point matrices. *Journal of Computational and Applied Mathematics*, 226(1):136–154, April 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002392>.
Watson:2006:CHT
- [Wat06] G. A. Watson. Computing helmert transformations. *Journal of Computational and Applied Mathematics*, 197(2):387–394, December 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006862>.
Watson:2007:LMM
- [Wat07] G. A. Watson. A Levenberg–Marquardt method for estimating polygonal regions. *Journal of Computational and Applied Mathematics*, 208(2):331–340, November 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005863>.
Watanabe:2009:CAP
- Yoshitaka Watanabe. A computer-assisted proof for the Kolmogorov flows of incompressible viscous fluid. *Journal of Computational and Applied Mathematics*, 223(2):953–966, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001167>.
Wazwaz:2007:CBV
- Abdul-Majid Wazwaz. A comparison between the variational iteration method and Adomian decomposition method. *Journal of Computational and Applied Mathematics*, 207(1):129–136, October 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004687>.
Wazwaz:2007:VIM
- Abdul-Majid Wazwaz. The variational iteration method for rational solutions for KdV, $K(2, 2)$, Burgers, and cubic Boussinesq equations. *Journal of Computational and Applied Mathematics*, 207(1):18–23, October 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004687>.
Wazwaz:2007:VIM

- [//www.sciencedirect.com/science/article/pii/S0377042706004560](http://www.sciencedirect.com/science/article/pii/S0377042706004560) ■
- Wang:2009:PIP**
- [WB09] G. Q. Wang and Y. Q. Bai. Polynomial interior-point algorithms for $P_*(\kappa)$ horizontal linear complementarity problem. *Journal of Computational and Applied Mathematics*, 233(2): 248–263, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004166> ■
- Wang:2007:DDE**
- [WC07] Ying-Ming Wang and Kwai-Sang Chin. Discriminating DEA efficient candidates by considering their least relative total scores. *Journal of Computational and Applied Mathematics*, 206(1): 209–215, September 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004262> ■
- Wang:2008:FEP**
- [WC08] Weichung Wang and Ray-Bing Chen. Finding effective points by surrogate models with overcomplete bases. *Journal of Computational and Applied Mathematics*, 217(1):110–122, July 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003184> ■
- Wang:2005:SSL**
- [WCH05] Yongli Wang, Lifeng Chen, and Guoping He. Sequential systems of linear equations method for general constrained optimization without strict complementarity. *Journal of Computational and Applied Mathematics*, 182(2): 447–471, October 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704006429> ■
- Wang:2008:ESL**
- [WCL08] Ji Wang, Jian-Kang Chen, and Shijun Liao. An explicit solution of the large deformation of a cantilever beam under point load at the free tip. *Journal of Computational and Applied Mathematics*, 212(2):320–330, March 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007333> ■
- Wang:2009:PAC**
- [WCW09] Ke Wang, Guoliang Chen, and Yimin Wei. Perturbation analysis for a class of fuzzy linear systems. *Journal of Computational and Applied Mathematics*, 224(1): 54–65, February 1, 2009.

- CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001532> ■
- [WCY09] **Wang:2009:OMM**
Kuo-Hsiung Wang, Wei-Lun Chen, and Dong-Yuh Yang. Optimal management of the machine repair problem with working vacation: Newton's method. *Journal of Computational and Applied Mathematics*, 233(2): 449–458, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004518> ■
- [WCZ07] **Wang:2007:CDM**
Tingchun Wang, Juan Chen, and Luming Zhang. Conservative difference methods for the Klein–Gordon–Zakharov equations. *Journal of Computational and Applied Mathematics*, 205(1): 430–452, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003281> ■
- [WD05] **Wei:2005:CND**
Yimin Wei and Huaian Diao. Condition number for the Drazin inverse and the Drazin-inverse solution of singular linear system with their condition numbers. *Journal of Computational and Applied Mathematics*, 182(2): 270–289, October 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704006156> ■
- [WDC07] **Wu:2007:FDE**
Chunlin Wu, Jiansong Deng, and Falai Chen. Fast data extrapolating. *Journal of Computational and Applied Mathematics*, 206(1): 146–157, September 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003888> ■
- [WDC⁺08] **Wyart:2008:SFX**
E. Wyart, M. Duflot, D. Coulon, P. Martiny, T. Pardoën, J.-F. Remacle, and F. Lani. Substructuring FE–XFE approaches applied to three-dimensional crack propagation. *Journal of Computational and Applied Mathematics*, 215(2): 626–638, June 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007758> ■
- [Wei09] **Wei:2009:TPS**
Yuming Wei. Triple positive solutions to third order three-point BVP with increasing

- homeomorphism and positive homomorphism. *Journal of Computational and Applied Mathematics*, 231(1): 134–142, September 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000478> ■
- Wu:2007:DQM**
- [WeR07] Xionghua Wu and Yu e Ren. [WFL07] Differential quadrature method based on the highest derivative and its applications. *Journal of Computational and Applied Mathematics*, 205(1):239–250, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003128> ■
- Wang:2008:UEF**
- [WF08] Guozhao Wang and Mei'e Fang. [WFW09] Unified and extended form of three types of splines. *Journal of Computational and Applied Mathematics*, 216(2):498–508, July 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002890> ■
- Wen:2009:GSC**
- [WF09] Zijuan Wen and Shengmao Fu. Global solutions to a class of multi-species reaction–diffusion systems with cross-
- diffusions arising in population dynamics. *Journal of Computational and Applied Mathematics*, 230(1):34–43, August 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005840> ■
- Wang:2007:CPD**
- Yong Wang, Shu-Cherng Fang, and John E. Lavery. A compressed primal-dual method for generating bivariate cubic L_1 splines. *Journal of Computational and Applied Mathematics*, 201(1):69–87, April 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000793> ■
- Wang:2009:CPF**
- Yuncheng Wang, Weiwu Fang, and Tianjiao Wu. A cut-peak function method for global optimization. *Journal of Computational and Applied Mathematics*, 230(1): 135–142, August 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005931> ■
- Wahlund:2006:HOD**
- [WG06] Per Wahlund and Bertil Gustafsson. High-order dif-

- ference methods for waves in discontinuous media. *Journal of Computational and Applied Mathematics*, 192(1):142–147, July 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003158>.
Wang:2008:FOC
- [WG08] Yuan-Ming Wang and Ben-Yu Guo. Fourth-order compact finite difference method for fourth-order nonlinear elliptic boundary value problems. *Journal of Computational and Applied Mathematics*, 221(1):76–97, November 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005262>.
Wang:2009:RSE
- [WG09] Tingchun Wang and Boling Guo. A robust semi-explicit difference scheme for the Kuramoto–Tsuzuki equation. *Journal of Computational and Applied Mathematics*, 233(4):878–888, December 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004531>.
Wang:2008:MSM
- [WZ08] Zhong-Qing Wang, Ben-Yu Guo, and Wei Zhang. Mixed spectral method for three-dimensional exterior problems using spherical harmonic and generalized Laguerre functions. *Journal of Computational and Applied Mathematics*, 217(1):277–298, July 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003585>.
Wang:2009:ILM
- [WH09a] Wei Wang and Bo Han. An implicit Landweber method for nonlinear ill-posed operator equations. *Journal of Computational and Applied Mathematics*, 230(2):607–613, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708006559>.
Wu:2009:CAW
- [WH09b] Shulin Wu and Chengming Huang. Convergence analysis of waveform relaxation methods for neutral differential-functional systems. *Journal of Computational and Applied Mathematics*, 223(1):263–277, January 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000113>.

- [WHF07] **Wang:2007:CRP**
 Xue-Zhong Wang, Ting-Zhu Huang, and Ying-Ding Fu. Comparison results on preconditioned SOR-type iterative method for Z -matrices linear systems. *Journal of Computational and Applied Mathematics*, 206(2):726–732, September 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005188>.
- [WHZ09] **Wu:2009:MSI**
 Shi-Liang Wu, Ting-Zhu Huang, and Xi-Le Zhao. A modified SSOR iterative method for augmented systems. *Journal of Computational and Applied Mathematics*, 228(1):424–433, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005086>.
- [WHG07] **Wang:2007:TLE**
 Hong-Yan Wang, Xing-Biao Hu, and Gegenhasi. 2D Toda lattice equation with self-consistent sources: Casoratian type solutions, bilinear Bäcklund transformation and Lax pair. *Journal of Computational and Applied Mathematics*, 202(1):133–143, May 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600118X>.
- [Wik08] **Wikramaratna:2008:ACR**
 Roy S. Wikramaratna. The additive congruential random number generator — a special case of a multiple recursive generator. *Journal of Computational and Applied Mathematics*, 216(2):371–387, July 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002671>.
- [WHL08] **Wang:2008:RKT**
 W. Wang, B. Han, and L. Li. A Runge–Kutta type modified Landweber method for nonlinear ill-posed operator equations. *Journal of Computational and Applied Mathematics*, 212(2):457–468, March 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002671>.
- [Wil06] **Wiltshire:2006:TAC**
 Ron Wiltshire. Two approaches to the calculation of approximate symmetry exemplified using a system of advection–diffusion equations. *Journal of Computational and Applied Mathematics*, 197(2):287–301, December 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706008016>.

- 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006588> ■
- Willms:2007:PRR**
- [Wil07] Allan R. Willms. Parameter range reduction for ODE models using cumulative backward differentiation formulas. *Journal of Computational and Applied Mathematics*, 203(1):87–102, June 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001762> ■
- Winkler:2006:NCU**
- [Win06] Joab R. Winkler. The numerical condition of univariate and bivariate degree elevated Bernstein polynomials. *Journal of Computational and Applied Mathematics*, 191(1):32–49, June 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002608> ■
- Wei:2009:GAP**
- [WJS+09] Huiming Wei, Yu Jiang, Xinyu Song, G. H. Su, and S. Z. Qiu. Global attractivity and permanence of a SVEIR epidemic model with pulse vaccination and time delay. *Journal of Computational and Applied Mathematics*, 229(1):302–312, July
- 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005761> ■
- Walter:2007:GNP**
- [WK07a] Éric Walter and Michel Kieffer. Guaranteed nonlinear parameter estimation in knowledge-based models. *Journal of Computational and Applied Mathematics*, 199(2):277–285, February 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007624> ■
- Wu:2007:AMR**
- [WK07b] Xiaoyong Wu and Xiaowu Ke. Analysis of an $M/\{D_n\}/1$ retrial queue. *Journal of Computational and Applied Mathematics*, 200(2):528–536, March 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000331> ■
- Wackers:2008:SCM**
- [WK08] Jeroen Wackers and Barry Koren. A surface capturing method for the efficient computation of steady water waves. *Journal of Computational and Applied Mathematics*, 215(2):618–625, June 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-

1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007746>.

Wu:2006:SCMb

[WKL06]

Xionghua Wu, Wenbin Kong, and Chen Li. Sinc collocation method with boundary treatment for two-point boundary value problems. *Journal of Computational and Applied Mathematics*, 196(1): 229–240, November 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005601>.

Wade:2007:SCN

[WKY+07]

B. A. Wade, A. Q. M. Khaliq, M. Yousuf, J. Vigo-Aguiar, and R. Deininger. On smoothing of the Crank–Nicolson scheme and higher order schemes for pricing barrier options. *Journal of Computational and Applied Mathematics*, 204(1):144–158, July 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002469>.

Wang:2006:BQS

[WL06a]

Ren-Hong Wang and Chong-Jun Li. Bivariate quartic spline spaces and quasi-interpolation operators. *Journal of Computational and Applied Mathematics*, 190(1–2):325–338, June 1, 2006.

CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002384>.

Wang:2006:P

[WL06b]

Ren-Hong Wang and Xiaonan Luo. Preface. *Journal of Computational and Applied Mathematics*, 195(1–2):1, October 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004668>.

Wu:2007:TPS

[WL07]

Jun Wu and Yicheng Liu. Two periodic solutions of neutral difference systems depending on two parameters. *Journal of Computational and Applied Mathematics*, 206(2):713–725, September 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005176>.

Wang:2009:PLM

Yuan-Yuan Wang and Lin-Zhang Lu. Preconditioned Lanczos method for generalized Toeplitz eigenvalue problems. *Journal of Computational and Applied Mathematics*, 226(1):66–76, April 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002469>.

- [//www.sciencedirect.com/science/article/pii/S0377042708002227](http://www.sciencedirect.com/science/article/pii/S0377042708002227) ■
- Wen:2009:FDE**
- [WL09b] Meilin Wen and Huaishu Li. Fuzzy data envelopment analysis (DEA): Model and ranking method. *Journal of Computational and Applied Mathematics*, 223(2): 872–878, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000903> ■
- Wang:2009:NPP**
- [WLF09] Jiaoyan Wang, Qishao Lu, and Zhaosheng Feng. A nonautonomous predator–prey system with stage structure and double time delays. *Journal of Computational and Applied Mathematics*, 230(1):283–299, August 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708006249> ■
- Wu:2006:SCMa**
- [WLK06] Xionghua Wu, Chen Li, and Wenbin Kong. A sinc-collocation method with boundary treatment for two-dimensional elliptic boundary value problems. *Journal of Computational and Applied Mathematics*, 196(1): 58–69, November 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005170> ■
- Wang:2006:RCB**
- [WLL06] Ruomei Wang, Xiaonan Luo, and Yi Li. Representation and conversion of Bézier surfaces in multivariate B-form. *Journal of Computational and Applied Mathematics*, 195(1–2):206–211, October 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004851> ■
- Wang:2007:FCN**
- [WLL07] Zidong Wang, James Lam, and Xiaohui Liu. Filtering for a class of nonlinear discrete-time stochastic systems with state delays. *Journal of Computational and Applied Mathematics*, 201(1):153–163, April 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600094X> ■
- Wang:2009:RDM**
- [WLL09] Ying-Ming Wang, Ying Luo, and Liang Liang. Ranking decision making units by imposing a minimum weight restriction in the data envelopment analysis. *Journal of Computational and Applied Mathematics*, 223(1):

469–484, January 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800037X>.

Widura:2008:OSA

[WLMS08]

R. Widura, M. Lehn, K. Murolidhar, and R. Scherer. Operator splitting approach applied to oscillatory flow and heat transfer in a tube. *Journal of Computational and Applied Mathematics*, 211(2): 115–130, February 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006996>.

Wang:2008:NSR

[WLS08]

Wan-Sheng Wang, Shou-Fu Li, and Kai Su. Nonlinear stability of Runge–Kutta methods for neutral delay differential equations. *Journal of Computational and Applied Mathematics*, 214(1):175–185, April 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001057>.

Wang:2009:NSG

[WLS09]

Wan-Sheng Wang, Shou-Fu Li, and Kai Su. Nonlinear stability of general linear methods for neutral delay differential equations. *Jour-*

nal of Computational and Applied Mathematics, 224(2): 592–601, February 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002768>.

Wang:2005:CPN

[WLY05]

Changyu Wang, Qian Liu, and Xinmin Yang. Convergence properties of non-monotone spectral projected gradient methods. *Journal of Computational and Applied Mathematics*, 182(1):51–66, October 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704006004>.

Walton:2009:ISC

[WM09]

D. J. Walton and D. S. Meek. G^1 interpolation with a single Cornu spiral segment. *Journal of Computational and Applied Mathematics*, 223(1):86–96, January 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700670X>.

Wagenknecht:2008:SPN

[WGM08]

T. Wagenknecht, W. Michiels, and K. Green. Structured pseudospectra for nonlinear eigenvalue problems. *Journal of Computational and*

Applied Mathematics, 212 (2):245–259, March 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007278> ■

Wang:2008:IOC

[WML08]

Jizhong Wang, Fanwei Meng, and Sanyang Liu. Interval oscillation criteria for second order partial differential equations with delays. *Journal of Computational and Applied Mathematics*, 212 (2):397–405, March 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007849> ■

Wegmann:2005:RHP

[WMN05]

R. Wegmann, A. H. M. Murid, and M. M. S. Nasser. The Riemann–Hilbert problem and the generalized Neumann kernel. *Journal of Computational and Applied Mathematics*, 182(2): 388–415, October 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704006375> ■

Wegmann:2008:RHP

[WN08]

Rudolf Wegmann and Mohamed M. S. Nasser. The Riemann–Hilbert problem and the generalized Neumann

kernel on multiply connected regions. *Journal of Computational and Applied Mathematics*, 214(1):36–57, April 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000805> ■

Wang:2009:ASD

[WZN09]

Tingchun Wang, Tao Nie, and Luming Zhang. Analysis of a symplectic difference scheme for a coupled nonlinear Schrödinger system. *Journal of Computational and Applied Mathematics*, 231(2): 745–759, September 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002830> ■

Wollman:2008:DPM

[WO08]

Stephen Wollman and Ercument Ozizmir. A deterministic particle method for the Vlasov–Fokker–Planck equation in one dimension. *Journal of Computational and Applied Mathematics*, 213 (2):316–365, April 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000362> ■

Wodarz:2005:MMI

[Wod05]

Dominik Wodarz. Mathematical models of immune effec-

- tor responses to viral infections: Virus control versus the development of pathology. *Journal of Computational and Applied Mathematics*, 184(1):301–319, December 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000828>. **Wojdylo:2006:CAL**
- [Woj06] John Wojdylo. On the coefficients that arise from Laplace’s method. *Journal of Computational and Applied Mathematics*, 196(1):241–266, November 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005613>. **Wu:2005:TTB**
- [WOK05] Y. Wu, L. Ozdamar, and A. Kumar. TRIOPT: a triangulation-based partitioning algorithm for global optimization. *Journal of Computational and Applied Mathematics*, 177(1):35–53, May 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003619>. **Wong:2005:MFS**
- [Won05] Patricia J. Y. Wong. Multiple fixed-sign solutions for a system of difference equations with Sturm–Liouville conditions. *Journal of Computational and Applied Mathematics*, 183(1):108–132, November 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000191>. **Wong:2008:ESG**
- [Won08] Patricia J. Y. Wong. Eigenvalues of a system of generalized right focal problems with deviating arguments. *Journal of Computational and Applied Mathematics*, 218(2):459–472, September 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700307X>. **Wong:2009:AFE**
- [Won09a] Y. Wu, L. Ozdamar, and A. Kumar. TRIOPT: a triangulation-based partitioning algorithm for global optimization. *Journal of Computational and Applied Mathematics*, 177(1):35–53, May 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003619>. **Wong:2009:FIP**
- [Won09b] Manwah Lilian Wong. A

formula for inserting point masses. *Journal of Computational and Applied Mathematics*, 233(3):852–855, December 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001356> ■

Wang:2008:QAA

[WPC08]

Fengyan Wang, Guoping Pang, and Lansun Chen. Qualitative analysis and applications of a kind of state-dependent impulsive differential equations. *Journal of Computational and Applied Mathematics*, 216(1):279–296, June 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002464> ■

Wright:2008:LAS

[Wri08]

R. K. Wright. Local approximation on surfaces with discontinuities, given limited order Fourier coefficients. *Journal of Computational and Applied Mathematics*, 218(2):532–542, September 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700516X> ■

Wouwer:2005:SIM

[WS05]

Alain Vande Wouwer and

W. E. Schiesser. Special issue on the method of lines: Dedicated to Keith Miller. *Journal of Computational and Applied Mathematics*, 183(2):241–244, November 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000622> ■

Wang:2008:LDS

[WS08]

Xiaoqun Wang and Ian H. Sloan. Low discrepancy sequences in high dimensions: How well are their projections distributed? *Journal of Computational and Applied Mathematics*, 213(2):366–386, April 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000374> ■

Wang:2009:PAI

[WS09a]

Li Wang and Yongzhong Song. Preconditioned AOR iterative methods for M -matrices. *Journal of Computational and Applied Mathematics*, 226(1):114–124, April 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002379> ■

Weng:2009:PPS

[WS09b]

Aizhi Weng and Jitao Sun. Positive periodic solutions of

- first-order functional differential equations with parameter. *Journal of Computational and Applied Mathematics*, 229(1):327–332, July 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005797>. [WSST05]
- Wang:2009:PSL**
- [WSM⁺09] Lijuan Wang, Jianying Shao, Hua Meng, Bing Xiao, and Fei Long. Periodic solutions for Liénard type p -Laplacian equation with two deviating arguments. *Journal of Computational and Applied Mathematics*, 224(2): 751–758, February 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003117>. [WSZ09]
- Weiner:2009:SET**
- [WSPJ09] Rüdiger Weiner, Bernhard A. Schmitt, Helmut Podhaisky, and Stefan Jebens. Superconvergent explicit two-step peer methods. *Journal of Computational and Applied Mathematics*, 223(2): 753–764, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000721>. [WT07]
- Wouwer:2005:MIU**
- A. Vande Wouwer, P. Saucez, W. E. Schiesser, and S. Thompson. A MATLAB implementation of upwind finite differences and adaptive grids in the method of lines. *Journal of Computational and Applied Mathematics*, 183(2): 245–258, November 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000634>. [Wan:2007:EMF]
- Wang:2009:IBV**
- Guotao Wang, Guangxing Song, and Lihong Zhang. Integral boundary value problems for first order integro-differential equations with deviating arguments. *Journal of Computational and Applied Mathematics*, 225(2): 602–611, March 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004329>.
- Wan:2007:EMF**
- Decheng Wan and Stefan Turek. An efficient multigrid-FEM method for the simulation of solid-liquid two phase flows. *Journal of Computational and Applied Mathematics*, 203(2):561–580, June 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000634>.

[//www.sciencedirect.com/science/article/pii/S0377042706002305](http://www.sciencedirect.com/science/article/pii/S0377042706002305)■

Wang:2008:CHP

[WT08]

Guo-Jin Wang and Chiew-Lan Tai. On the convergence of hybrid polynomial approximation to higher derivatives of rational curves. *Journal of Computational and Applied Mathematics*, 214(1):163–174, April 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001045>■

Wang:2005:OPE

[WTL05]

Peiguang Wang, K. L. Teo, and Yanqun Liu. Oscillation properties for even order neutral equations with distributed deviating arguments. *Journal of Computational and Applied Mathematics*, 182(2):290–303, October 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704006168>■

Wang:2009:NPA

[WtL09]

Hongjuan Wang and Yao tang Li. A new preconditioned AOR iterative method for L -matrices. *Journal of Computational and Applied Mathematics*, 229(1):47–53, July 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001045>■

[//www.sciencedirect.com/science/article/pii/S0377042708005177](http://www.sciencedirect.com/science/article/pii/S0377042708005177)■

Wu:2008:NMC

[WTZ08]

C. Z. Wu, K. L. Teo, and Yi Zhao. Numerical method for a class of optimal control problems subject to nonsmooth functional constraints. *Journal of Computational and Applied Mathematics*, 217(2):311–325, August 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000921>■

Wu:2007:MHB

[Wu07]

Gang Wu. A modified harmonic block Arnoldi algorithm with adaptive shifts for large interior eigenproblems. *Journal of Computational and Applied Mathematics*, 205(1):343–363, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003232>■

Wu:2008:EJC

[Wu08]

Gang Wu. Eigenvalues and Jordan canonical form of a successively rank-one updated complex matrix with applications to Google's PageRank problem. *Journal of Computational and Applied Mathematics*, 216(2):364–370, July 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001045>■

- 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002579>. **Wang:2005:FOC**
- [Wün05] Alfred Wünsche. Generalized Zernike or disc polynomials. *Journal of Computational and Applied Mathematics*, 174(1):135–163, February 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704001852>. **Wunsche:2005:GZD** [WWC05]
- [WW07] Fengying Wei and Ke Wang. Positive periodic solutions of an n -species ecological system with infinite delay. *Journal of Computational and Applied Mathematics*, 208(2):362–372, November 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005905>. **Wei:2007:PPS** [WWC07]
- [WW09] Shuming Wang and Junzo Watada. Modelling redundancy allocation for a fuzzy random parallel-series system. *Journal of Computational and Applied Mathematics*, 232(2):539–557, October 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003860>. **Wang:2009:MRA**
- Peiguang Wang, Yonghong Wu, and Lou Caccetta. Forced oscillation of a class of neutral hyperbolic differential equations. *Journal of Computational and Applied Mathematics*, 177(2):301–308, May 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004273>. **Wang:2007:OCB**
- Peiguang Wang, Yonghong Wu, and Lou Caccetta. Oscillation criteria for boundary value problems of high-order partial functional differential equations. *Journal of Computational and Applied Mathematics*, 206(1):567–577, September 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600505X>. **Wu:2009:ME**
- Ai-Guo Wu, Hao-Qian Wang, and Guang-Ren Duan. On matrix equations $X - AXF = C$ and $X - A\bar{X}F = C$. *Journal of Computational and Applied Mathematics*, 230(2):690–698, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003860>. **Wu:2009:ME** [WWD09]

(electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000089> ■

Windcliff:2007:HCA

[WWFV07]

H. Windcliff, J. Wang, P. A. Forsyth, and K. R. Vetzal. Hedging with a correlated asset: Solution of a non-linear pricing PDE. *Journal of Computational and Applied Mathematics*, 200(1):86–115, March 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007983> ■

Wen:2007:CTB

[WWM07]

Rui-Ping Wen, Chuan-Long Wang, and Guo-Yan Meng. Convergence theorems for block splitting iterative methods for linear systems. *Journal of Computational and Applied Mathematics*, 202(2):540–547, May 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001609> ■

Wu:2008:RTD

[WWP+08]

Qing-E Wu, Tuo Wang, Xue-Min Pang, Yong-Xuan Huang, and Ji-Sheng Li. Research on two different mathematical theories on control. *Journal of Computational and Applied Mathematics*, 222(2):675–689, December

15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707006486> ■

Wang:2009:OPM

[WWP09]

Tsung-Yin Wang, Kuo-Hsiung Wang, and Wen Lea Pearn. Optimization of the T policy M/G/1 queue with server breakdowns and general startup times. *Journal of Computational and Applied Mathematics*, 228(1):270–278, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004743> ■

Wang:2008:CIS

[WWW08]

Guixia Wang, Zhong Wang, and Hongyou Wu. Computing the indices of Sturm–Liouville eigenvalues for coupled boundary conditions (the EIGENIND–SLP codes). *Journal of Computational and Applied Mathematics*, 220(1–2):490–507, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004827> ■

Wang:2009:MPI

[WWWF09]

Ying Wang, Weiming Wan, Rui-Sheng Wang, and Enmin Feng. Model, properties and imputation method

of missing SNP genotype data utilizing mutual information. *Journal of Computational and Applied Mathematics*, 229(1):168–174, July 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005396> ■

Wu:2009:IMM

[WWZY09]

Yu-Jiang Wu, Yang Wang, Min-Li Zeng, and Ai-Li Yang. Implementation of a modified Marder–Weitzner method for solving nonlinear eigenvalue problems. *Journal of Computational and Applied Mathematics*, 226(1):166–176, April 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002410> ■

Wang:2007:MPD

[WY07]

Ying-Ming Wang and Jian-Bo Yang. Measuring the performances of decision-making units using interval efficiencies. *Journal of Computational and Applied Mathematics*, 198(1):253–267, January 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007892> ■

Wang:2008:SMP

[WYL08]

NingShen Wang, RongHua Yi, and Dian Liu. A so-

lution method to the problem proposed by Wang in voting systems. *Journal of Computational and Applied Mathematics*, 221(1):106–113, November 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005286> ■

Wang:2009:NFF

[WYL09a]

Chengjun Wang, Yongjian Yang, and Jing Li. A new filled function method for unconstrained global optimization. *Journal of Computational and Applied Mathematics*, 225(1):68–79, March 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003208> ■

Wen:2009:SAS

[WYL09b]

Liping Wen, Yuexin Yu, and Shoufu Li. Stability and asymptotic stability of θ -methods for nonlinear stiff Volterra functional differential equations in Banach spaces. *Journal of Computational and Applied Mathematics*, 230(2):351–359, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708006316> ■

- [WYO09] **Wang:2009:RAC**
 Wentao Wang, Guangxue Yue, and Chunxia Ou. RETRACTED: Asymptotic constancy for a differential equation with multiple state-dependent delays. *Journal of Computational and Applied Mathematics*, 233(2): 356–360, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004270>. ■
- [WZ06] **Wei:2006:BAP**
 Junjie Wei and Xingfu Zou. Bifurcation analysis of a population model and the resulting SIS epidemic model with delay. *Journal of Computational and Applied Mathematics*, 197(1):169–187, December 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006515>. ■
- [WYS09] **Wang:2009:BVP**
 Weibing Wang, Xuxin Yang, and Jianhua Shen. Boundary value problems involving upper and lower solutions in reverse order. *Journal of Computational and Applied Mathematics*, 230(1):1–7, August 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005803>. ■
- [WZ07] **Wang:2007:EAL**
 Yong-Jun Wang and Jiang-She Zhang. An efficient algorithm for large scale global optimization of continuous functions. *Journal of Computational and Applied Mathematics*, 206(2): 1015–1026, September 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005759>. ■
- [WYW08] **Wang:2008:EPD**
 Ning-Shen Wang, Rong-Hua Yi, and Wei Wang. Evaluating the performances of decision-making units based on interval efficiencies. *Journal of Computational and Applied Mathematics*, 216(2):328–343, July 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005759>. ■
- [WZ08] **Wang:2008:MIT**
 Peiguang Wang and Jing Zhang. Monotone iterative technique for initial-value problems of nonlinear singular discrete systems. *Journal of Computational and Applied Mathematics*, 221(1): 158–164, November 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005759>. ■

- 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005328>.
Wang:2009:HOC [WZ09a] Yuan-Ming Wang and Hong-Bo Zhang. Higher-order compact finite difference method for systems of reaction-diffusion equations. *Journal of Computational and Applied Mathematics*, 233(2): 502–518, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004592>.
Wei:2009:PSC [WZ09b] Musheng Wei and Jinbing Zhang. On perturbations of some constrained subspaces. *Journal of Computational and Applied Mathematics*, 226(1):155–165, April 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002409>.
Wang:2009:NBM [WZD09] Xiaoying Wang, Shugong Zhang, and Tian Dong. Newton basis for multivariate Birkhoff interpolation. *Journal of Computational and Applied Mathematics*, 228(1):466–479, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005128>.
Wang:2006:MSD [WZH06] X. P. Wang, S. F. Zhao, and X. F. Han. Micromagnetic simulations of demagnetization curves for single-phase nanocrystalline PrFeB magnet. *Journal of Computational and Applied Mathematics*, 190(1–2):142–150, June 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500227X>.
Wylie:2006:FIP [WZS06] Jonathan J. Wylie, Qiang Zhang, and Xiuxin Sun. Fingering instability in particle systems. *Journal of Computational and Applied Mathematics*, 190(1–2):408–423, June 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002438>.
Xue:2006:FBP [XC06] Qingshui Xue and Zhenfu Cao. Factoring based proxy signature schemes. *Journal of Computational and Applied Mathematics*, 195(1–2): 229–241, October 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002438>.

[//www.sciencedirect.com/science/article/pii/S0377042705004887](http://www.sciencedirect.com/science/article/pii/S0377042705004887) ■

Xiao:2008:BAD

- [XC08] Min Xiao and Jinde Cao. [XDW05] Bifurcation analysis on a discrete-time tabu learning model. *Journal of Computational and Applied Mathematics*, 220(1–2):725–738, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005110> ■

Xu:2009:RFN

- [XC09] Aimin Xu and Zhongdi Cen. [XF07] A remainder formula of numerical differentiation for the generalized Lagrange interpolation. *Journal of Computational and Applied Mathematics*, 230(2):418–423, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708006389> ■

Xiong:2008:CFI

- [XCZ08] Zhiguang Xiong, Yanping Chen, and Yan Zhang. [XFgS06] Convergence of FEM with interpolated coefficients for semilinear hyperbolic equation. *Journal of Computational and Applied Mathematics*, 214(1):313–317, April 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000999> ■

[//www.sciencedirect.com/science/article/pii/S0377042707001070](http://www.sciencedirect.com/science/article/pii/S0377042707001070) ■

Xiang:2005:PBK

- Hua Xiang, Huaian Diao, and Yimin Wei. On perturbation bounds of Kronecker product linear systems and their level-2 condition numbers. *Journal of Computational and Applied Mathematics*, 183(1):210–231, November 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000269> ■

Xiong:2007:DST

- Xiang-Tuan Xiong and Chu-Li Fu. Determining surface temperature and heat flux by a wavelet dual least squares method. *Journal of Computational and Applied Mathematics*, 201(1):198–207, April 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000999> ■

Xu:2006:AAP

- Zhiqiang Xu, Renzhong Feng, and Jia guang Sun. Analytic and algebraic properties of canal surfaces. *Journal of Computational and Applied Mathematics*, 195(1–2):220–228, October 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000999> ■

- [//www.sciencedirect.com/science/article/pii/S0377042705004875](http://www.sciencedirect.com/science/article/pii/S0377042705004875) ■
- Xu:2009:SBA**
- [XGM09] Rui Xu, Qintao Gan, and Zhien Ma. Stability and bifurcation analysis on a ratio-dependent predator-prey model with time delay. *Journal of Computational and Applied Mathematics*, 230(1):187–203, August 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005980> ■
- Xiao:2009:CFA**
- [XGZ09] Zhi Xiao, Ke Gong, and Yan Zou. A combined forecasting approach based on fuzzy soft sets. *Journal of Computational and Applied Mathematics*, 228(1):326–333, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005001> ■
- Xia:2008:ASN**
- [XH08] Fu-Quan Xia and Nan-Jing Huang. Algorithm for solving a new class of general mixed variational inequalities in Banach spaces. *Journal of Computational and Applied Mathematics*, 220(1–2):632–642, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004547> ■
- Xie:2008:NSO**
- [XHK⁺08] Shu-Sen Xie, Sunyeong Heo, Seokchan Kim, Gyungsoo Woo, and Sucheol Yi. Numerical solution of one-dimensional Burgers' equation using reproducing kernel function. *Journal of Computational and Applied Mathematics*, 214(2):417–434, May 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001379> ■
- Xu:2007:VIM**
- [XHW07] Lan Xu, Ji-Huan He, and Abdul-Majid Wazwaz. Variational iteration method — reality, potential, and challenges. *Journal of Computational and Applied Mathematics*, 207(1):1–2, October 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004547> ■
- Xiang:2005:QBT**
- [Xia05] Shuhuang Xiang. On quadrature of Bessel transformations. *Journal of Computational and Applied Mathematics*, 177(1):231–239, May 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004547> ■

- [//www.sciencedirect.com/science/article/pii/S0377042704004339](http://www.sciencedirect.com/science/article/pii/S0377042704004339)
Xiong:2007:SCG
- [Xio07]
Xiang:2007:EQH
- [Xia07a] Shuhuang Xiang. Efficient quadrature for highly oscillatory integrals involving critical points. *Journal of Computational and Applied Mathematics*, 206(2): 688–698, September 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005152>
- Xiang:2007:FLM**
[XKF06]
- [Xia07b] Shuhuang Xiang. On the Filon and Levin methods for highly oscillatory integral $\int_a^b f(x)e^{i\omega g(x)} dx$. *Journal of Computational and Applied Mathematics*, 208(2): 434–439, November 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005929>
- Xie:2008:BQF**
[XL07]
- [Xie08] Congcong Xie. Best quadrature formula on Sobolev class with Chebyshev weight. *Journal of Computational and Applied Mathematics*, 214(2):333–344, May 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700129X>
- Xenophontos:2006:VMF**
- Christos Xenophontos, Jason Kurtz, and Scott Fulton. A p -version MITC finite element method for Reissner–Mindlin plates with curved boundaries. *Journal of Computational and Applied Mathematics*, 192(2):374–395, August 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003572>
- Xu:2007:PTO**
- Zhiting Xu and Xiuxiang Liu. Philo-type oscillation criteria for Emden–Fowler neutral delay differential equations. *Journal of Computational and Applied Mathematics*, 206(2):1116–1126, September 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005826>

- [XLHZ05] **Xu:2005:DDE** Shengyuan Xu, James Lam, Daniel W. C. Ho, and Yun Zou. Delay-dependent exponential stability for a class of neural networks with time delays. *Journal of Computational and Applied Mathematics*, 183(1):16–28, November 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704006442>.
- [XSP09] **Xue:2009:PFF** Wenjuan Xue, Chungun Shen, and Dingguo Pu. A penalty-function-free line search SQP method for nonlinear programming. *Journal of Computational and Applied Mathematics*, 228(1):313–325, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004998>.
- [xLLhZ08] **Li:2008:SFEb** Ming xia Li, Qun Lin, and Shu hua Zhang. Super-convergence of finite element method for the Signorini problem. *Journal of Computational and Applied Mathematics*, 222(2):284–292, December 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707005973>.
- [XSW09] **Xiao:2009:GCB** Yunhai Xiao, Huijuan Sun, and Zhiguo Wang. A globally convergent BFGS method with nonmonotone line search for non-convex minimization. *Journal of Computational and Applied Mathematics*, 230(1):95–106, August 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800589X>.
- [xMzY09] **Ma:2009:ULS** De xiang Ma and Xiao zhong Yang. Upper and lower solution method for fourth-order four-point boundary value problems. *Journal of Computational and Applied Mathematics*, 223(2):543–551, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800589X>.
- [XTZ06] **Xiao:2006:CTF** F. Xiao, X. H. Tang, and X. J. Zhang. Comparison of Taylor finite difference and window finite difference and their application in FDTD. *Journal of Computational and Applied Mathematics*, 193(2):516–534, September 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800589X>.

- 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004292>. Xu:2007:NTA
- [Xu05a] Xu:2005:GTO Yuan Xu. Generalized translation operator and approximation in several variables. *Journal of Computational and Applied Mathematics*, 178(1-2):489-512, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003954>. Xu08
- [Xu05b] Xu:2005:PIO Yuan Xu. Problem 6. Intertwining operators. *Journal of Computational and Applied Mathematics*, 178(1-2):535-536, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004066>.
- [Xu07a] Xu:2007:HPE [XW05] Lan Xu. He's parameter-expanding methods for strongly nonlinear oscillators. *Journal of Computational and Applied Mathematics*, 207(1):148-154, October 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004705>. Xu:2008:ONS
- Zhiting Xu. Oscillation and nonoscillation of second order differential equations with delay depending on the unknown function. *Journal of Computational and Applied Mathematics*, 214(2):371-380, May 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001331>. Xie:2005:PSS
- Guangming Xie and Long Wang. Periodical stabilization of switched linear systems. *Journal of Computational and Applied Mathematics*, 181(1):176-187, September 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005606>.

Xu:2006:PSN

- [XW06] Rui Xu and Zhiqiang Wang. Periodic solutions of a nonautonomous predator-prey system with stage structure and time delays. *Journal of Computational and Applied Mathematics*, 196(1):70–86, November 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005182>.

Xiang:2007:SMC

- [XW07a] Hua Xiang and Yimin Wei. Structured mixed and componentwise condition numbers of some structured matrices. *Journal of Computational and Applied Mathematics*, 202(2):217–229, May 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001233>.

Xu:2007:OSO

- [XW07b] Zhiting Xu and Peixuan Weng. Oscillation of second order neutral equations with distributed deviating argument. *Journal of Computational and Applied Mathematics*, 202(2):460–477, May 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001531>.

Xiang:2008:LIM

- [XW08] Shuhuang Xiang and Haiyong Wang. On the Levin iterative method for oscillatory integrals. *Journal of Computational and Applied Mathematics*, 217(1):38–45, July 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003135>.

Xu:2009:ART

- [XW09] Hui-Xia Xu and Guo-Jin Wang. Approximating rational triangular Bézier surfaces by polynomial triangular Bézier surfaces. *Journal of Computational and Applied Mathematics*, 228(1):287–295, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004858>.

Xu:2009:SLV

- [XWT09] Yong Xu, Fuke Wu, and Yimin Tan. Stochastic Lotka–Volterra system with infinite delay. *Journal of Computational and Applied Mathematics*, 232(2):472–480, October 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270900380X>.

- [XWZH08] **Xie:2008:NMC** Feng Xie, Jian Wang, Weijiang Zhang, and Ming He. A novel method for a class of parameterized singularly perturbed boundary value problems. *Journal of Computational and Applied Mathematics*, 213(1):258–267, March 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000337>.
- [XY05] **Xue:2005:HFH** Yonggang Xue and Thomas P.-Y. Yu. Honeycomb and k -fold Hermite subdivision schemes. *Journal of Computational and Applied Mathematics*, 177(2):401–425, May 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004637>.
- [XX09] **Xu:2009:OCT** Youjun Xu and Zhiting Xu. Oscillation criteria for two-dimensional dynamic systems on time scales. *Journal of Computational and Applied Mathematics*, 225(1):9–19, March 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003154>.
- [XZ08] **Xu:2008:PRC** Huiling Xu, Shengyuan Xu, and James Lam. Positive real control for 2-D discrete delayed systems via output feedback controllers. *Journal of Computational and Applied Mathematics*, 216(1):87–97, June 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002208>.
- [XZL08] **Xiao:2008:MSL** Yunhai Xiao and Hongchuan Zhang. Modified subspace limited memory BFGS algorithm for large-scale bound constrained optimization. *Journal of Computational and Applied Mathematics*, 222(2):429–439, December 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700619X>.
- [XZL08] **Xie:2008:TMU** Dongxiu Xie, Zhongzhi Zhang, and Zhongyun Liu. Theory and method for updating least-squares finite element model of symmetric generalized centro-symmetric matrices. *Journal of Computational and Applied Mathematics*, 216(2):484–497, July 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002889>.

- [XZL09] **Xiong:2009:NDD**
 Lianglin Xiong, Shouming Zhong, and Duyu Li. Novel delay-dependent asymptotical stability of neutral systems with nonlinear perturbations. *Journal of Computational and Applied Mathematics*, 232(2):505–513, October 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003835>. [YA07]
- [XZS07] **Xiao:2007:AMM**
 Ying-Xiong Xiao, Ping Zhang, and Shi Shu. An algebraic multigrid method with interpolation reproducing rigid body modes for semi-definite problems in two-dimensional linear elasticity. *Journal of Computational and Applied Mathematics*, 200(2):637–652, March 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000410>. [YA08]
- [XZZ09] **Xiao:2009:SNM**
 Xiantao Xiao, Liwei Zhang, and Jianzhong Zhang. A smoothing Newton method for a type of inverse semi-definite quadratic programming problem. *Journal of Computational and Applied Mathematics*, 223(1):485–498, January 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002944>. [Yam08]
- Yakhno:2007:AEH**
 V. G. Yakhno and H. K. Akmaz. Anisotropic elastodynamics in a half space: an analytic method for polynomial data. *Journal of Computational and Applied Mathematics*, 204(2):268–281, July 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003566>.
- Yilmaz:2008:AVL**
 Yildiz E. Yilmaz and Aysen D. Akkaya. Analysis of variance and linear contrasts in experimental design with generalized secant hyperbolic distribution. *Journal of Computational and Applied Mathematics*, 216(2):545–553, July 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002944>.
- Yamaura:2008:CAF**
 Yoshihiko Yamaura. A convergence of the approximated free boundary of regularized functionals via Γ -convergence. *Journal of Computational and Applied Mathematics*, 218(2):473–481, September 1, 2008.

- CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003883> [Yan06c]
- [Yan05] Shijun Yang. On a quadrature formula of gori and micchelli. *Journal of Computational and Applied Mathematics*, 176(1):35–43, April 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003188>
- [Yan06a] Xiang-Ping Yan. Hopf bifurcation and stability for a delayed tri-neuron network model. *Journal of Computational and Applied Mathematics*, 196(2):579–595, November 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006229>
- [Yan06b] Heping Yang. On a singular perturbation problem with two second-order turning points. *Journal of Computational and Applied Mathematics*, 190(1–2):287–303, June 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002360>
- [Yan06c] Tong Yang. Singular behavior of vacuum states for compressible fluids. *Journal of Computational and Applied Mathematics*, 190(1–2):211–231, June 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002323>
- [Yan06d] Zuodong Yang. Existence of positive entire solutions for singular and non-singular quasi-linear elliptic equation. *Journal of Computational and Applied Mathematics*, 197(2):355–364, December 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006849>
- [Yao09] Qingliu Yao. An iterative method for a class of quasi-linear boundary value problems. *Journal of Computational and Applied Mathematics*, 230(1):306–313, August 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708006274>

Yaslan:2007:EPS

- [Yas07] Ismail Yaslan. Existence of positive solutions for non-linear three-point problems on time scales. *Journal of Computational and Applied Mathematics*, 206(2): 888–897, September 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005383>.

Yeung:2005:TFM

- [YB05] Man-Chung Yeung and Daniel Boley. Transpose-free multiple Lanczos and its application in Padé approximation. *Journal of Computational and Applied Mathematics*, 177(1):101–127, May 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704004091>.

Yang:2005:EPS

- [YC05] Zhihui Yang and Jinde Cao. Existence of periodic solutions in neutral state-dependent delays equations and models. *Journal of Computational and Applied Mathematics*, 174(1): 179–199, February 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704001888>.

Yan:2006:SBA

- [YC06] Xiang-Ping Yan and Yan-Dong Chu. Stability and bifurcation analysis for a delayed Lotka–Volterra predator–prey system. *Journal of Computational and Applied Mathematics*, 196(1):198–210, November 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005443>.

Yulan:2009:NAS

- [YCJ09] Wang Yulan, Temuer Chaolu, and Pang Jing. New algorithm for second-order boundary value problems of integro-differential equation. *Journal of Computational and Applied Mathematics*, 229(1):1–6, July 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005190>.

Chen:2008:MSA

- [yCyZ08] Xiao yun Chen and Yan yan Zhan. Multi-scale anomaly detection algorithm based on infrequent pattern of time series. *Journal of Computational and Applied Mathematics*, 214(1):227–237, April 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/>

- science/article/pii/S0377042707001100. See erratum [yCyZ09].
- [yCyZ09] **Chen:2009:EMS** Xiao yun Chen and Yan yan Zhan. Erratum to: “Multi-scale anomaly detection algorithm based on infrequent pattern of time series” [J. Comput. Appl. Math. **214** (1) (2008) 227–237]. *Journal of Computational and Applied Mathematics*, 231(2): 1004, September 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002490>. See [yCyZ08].
- [YD09b] **Yuan:2009:DUD** Yongxin Yuan and Hua Dai. The direct updating of damping and gyroscopic matrices. *Journal of Computational and Applied Mathematics*, 231(1):255–261, September 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000594>.
- [YD08] **Yuan:2008:NPS** [YG06] Yongxin Yuan and Hua Dai. The nearness problems for symmetric matrix with a submatrix constraint. *Journal of Computational and Applied Mathematics*, 213(1): 224–231, March 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000295>.
- [YD09a] **Yuan:2009:GIE** [YG07] Yong-Xin Yuan and Hua Dai. A generalized inverse eigenvalue problem in structural dynamic model updating. *Journal of Computational and Applied Mathematics*, 226(1):42–49, April 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001100>.
- Yuan:2006:ASS** Chenggui Yuan and William Glover. Approximate solutions of stochastic differential delay equations with Markovian switching. *Journal of Computational and Applied Mathematics*, 194(2): 207–226, October 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004498>.
- Yamamoto:2007:EEF** Nobito Yamamoto and Kenta Genma. On error estimation of finite element approximations to the elliptic equations in nonconvex polygonal domains. *Journal of Computational and Applied Mathematics*, 199(2):286–296, February

15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007636>.

Yang:2009:MMP

[YG09a]

Aijun Yang and Weigao Ge. [YH07] The monotone method for periodic differential equations with the non well-ordered upper and lower solutions. *Journal of Computational and Applied Mathematics*, 232(2): 632–637, October 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003951>.

Yi:2009:SVF

[YG09b]

Lijun Yi and Benqi Guo. [YH09a] Superconvergence of the h - p version of the finite element method in one dimension. *Journal of Computational and Applied Mathematics*, 233(2):150–164, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270900404X>.

Yang:2005:DSFa

[YH05]

ZhengHong Yang and YongJian Hu. [YH09b] Displacement structures and fast inversion formulas for q -adic Vandermonde-like matrices. *Journal of Computational and Applied Mathematics*, 176(1):1–14, April

1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003164>.

Yoshida:2007:GSD

Naoki Yoshida and Tadayuki Hara. Global stability of a delayed SIR epidemic model with density dependent birth and death rates. *Journal of Computational and Applied Mathematics*, 201(2): 339–347, April 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000860>.

Yin:2009:PGM

Jun-Feng Yin and Ken Hayami. Preconditioned GMRES methods with incomplete Givens orthogonalization method for large sparse least-squares problems. *Journal of Computational and Applied Mathematics*, 226(1):177–186, April 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002422>.

Yuan:2009:BEL

Quan Yuan and Zhiqing He. Bounds to eigenvalues of the Laplacian on L -shaped domain by variational methods. *Journal of Computational*

- and Applied Mathematics*, 233(4):1083–1090, December 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709006189>. **Yuan:2005:SBA**
- [YHH05] Zhaohui Yuan, Dewen Hu, and Lihong Huang. Stability and bifurcation analysis on a discrete-time neural network. *Journal of Computational and Applied Mathematics*, 177(1):89–100, May 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270400408X>. **Yin:2009:NMP**
- [YJJ09] G. Yin, Hanqing Jin, and Zhuo Jin. Numerical methods for portfolio selection with bounded constraints. *Journal of Computational and Applied Mathematics*, 233(2):564–581, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709005330>.
- [Yi09] Dokkyun Yi. An algorithm for image removals and decompositions without inverse matrices. *Journal of Computational and Applied Mathematics*, 225(2):428–439, March 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003956>. **Yi:2009:AIR**
- [YJY06] Edwin Engin Yaz, Chung Seop Jeong, and Yvonne Ilke Yaz. An LMI approach to discrete-time observer design with stochastic resilience. *Journal of Computational and Applied Mathematics*, 188(2):246–255, April 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002530>. **Yaz:2006:LAD**
- [YJGL07] Lixing Yang, Xiaoyu Ji, Ziyou Gao, and Keping Li. Logistics distribution centers location problem and algorithm under fuzzy environment. *Journal of Computational and Applied Mathematics*, 208(2):303–315, November 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600584X>. **Yan:2007:LDC**
- [YKS09] Kemal Yükses, Yeliz Koca, and Hasan Sadıkoğlu. Solution of counter diffusion problem with position dependent diffusion coefficient. *Journal of Computational and Applied Mathematics*, 233(2):564–581, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709005330>. **Yuksek:2009:SCD**

by using variational methods. *Journal of Computational and Applied Mathematics*, 232(2):285–294, October 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003550>■

Ye:2006:CFD

[YL06]

Xintao Ye and Chong Li. Convergence of the family of the deformed Euler–Halley iterations under the Hölder condition of the second derivative. *Journal of Computational and Applied Mathematics*, 194(2):294–308, October 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004759>■

Lan:2008:MMS

[yL08]

Heng you Lan. Monotone method for a system of nonlinear mixed type implicit impulsive integro-differential equations in Banach spaces. *Journal of Computational and Applied Mathematics*, 222(2):531–543, December 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707006309>■

Yang:2009:RGI

[YL09a]

Hu Yang and Deqiang Liu. [YLN09]

The representation of generalized inverse $A_{T,S}^{(2,3)}$ and its applications. *Journal of Computational and Applied Mathematics*, 224(1):204–209, February 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800191X>■

Yao:2009:SSB

[YL09b]

Huanmin Yao and Yingzhen Lin. Solving singular boundary-value problems of higher even-order. *Journal of Computational and Applied Mathematics*, 223(2):703–713, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800068X>■

Yang:2009:EEQ

[YLC09]

Min Yang, Jianguo Liu, and Chuanjun Chen. Error estimation of a quadratic finite volume method on right quadrangular prism grids. *Journal of Computational and Applied Mathematics*, 229(1):274–282, July 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800575X>■

Yang:2009:RKM

Z. W. Yang, M. Z. Liu, and

- Juan J. Nieto. Runge–Kutta methods for first-order periodic boundary value differential equations with piecewise constant arguments. *Journal of Computational and Applied Mathematics*, 233(4): 990–1004, December 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709005871> ■
- [YLS07] Xintao Ye, Chong Li, and Weiping Shen. Convergence of the variants of the Chebyshev–Halley iteration family under the Hölder condition of the first derivative. *Journal of Computational and Applied Mathematics*, 203(1):279–288, June 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002111> ■
- [YLSX06] Yuyue Yang, Mingjun Li, Shi Shu, and Aiguo Xiao. High order schemes based on upwind schemes with modified coefficients. *Journal of Computational and Applied Mathematics*, 195(1–2): 242–251, October 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002111> ■
- [YLW09a] Gonglin Yuan, Xiwen Lu, and Zengxin Wei. BFGS trust-region method for symmetric nonlinear equations. *Journal of Computational and Applied Mathematics*, 230(1):44–58, August 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005852> ■
- [YLW09b] Gonglin Yuan, Xiwen Lu, and Zengxin Wei. A conjugate gradient method with descent direction for unconstrained optimization. *Journal of Computational and Applied Mathematics*, 233(2): 519–530, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004646> ■
- [YM07] Jianli Yao and Fanwei Meng. Asymptotic behavior of solutions of certain higher order nonlinear difference equation. *Journal of Computational and Applied Mathematics*, 205(1):640–650, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004646> ■

Yuan:2009:BTR**Yuan:2009:CGM****Yao:2007:ABS****Ye:2007:CVC****Yang:2006:HOS**

- [//www.sciencedirect.com/science/article/pii/S0377042706003463](http://www.sciencedirect.com/science/article/pii/S0377042706003463) ■
- Yan:2008:SRI**
- [YM08] Wen-Jing Yan and Yi-Chen Ma. Shape reconstruction of an inverse Stokes problem. *Journal of Computational and Applied Mathematics*, 216(2):554–562, July 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002956> ■
- Yao:2008:CCG**
- [YN08] Yonghong Yao and Muhammad Aslam Noor. On convergence criteria of generalized proximal point algorithms. *Journal of Computational and Applied Mathematics*, 217(1):46–55, July 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003147> ■
- Yan:2006:USS**
- [YOA06] Baoqiang Yan, Donal O’Regan, and Ravi P. Agarwal. Unbounded solutions for singular boundary value problems on the semi-infinite interval: Upper and lower solutions and multiplicity. *Journal of Computational and Applied Mathematics*, 197(2):365–386, December 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006850> ■
- Yamatani:2007:DIM**
- [YOO07] Katsu Yamatani, Takashi Ohe, and Kohzaburo Ohnaka. A direct identification method for current dipoles from electromagnetic fields. *Journal of Computational and Applied Mathematics*, 201(1):164–174, April 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000951> ■
- Yabe:2007:LSC**
- [YOY07] Hiroshi Yabe, Hideho Ogasawara, and Masayuki Yoshino. Local and superlinear convergence of quasi-Newton methods based on modified secant conditions. *Journal of Computational and Applied Mathematics*, 205(1):617–632, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600344X> ■
- Yu:2008:NNL**
- [YP08] Zhensheng Yu and Dingguo Pu. A new nonmonotone line search technique for unconstrained optimization. *Journal of Computational and Applied Mathematics*, 219(1):134–144, September 15, 2008.

CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003718>.

Peng:2007:IME

[yPESIZ07]

Zhen yun Peng, Salah M. El-Sayed, and Xiang lin Zhang. Iterative methods for the extremal positive definite solution of the matrix equation $X + A^*X^{-\alpha}A = Q$. *Journal of Computational and Applied Mathematics*, 200(2): 520–527, March 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270600032X>.

Peng:2005:CJM

[yPIH05]

Zhen yun Peng and Xu li Han. Constructing Jacobi matrices with prescribed ordered defective eigenpairs and a principal submatrix. *Journal of Computational and Applied Mathematics*, 175(2): 321–333, March 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704002365>.

Peng:2007:RAR

[yPyHZ07]

Xiang yang Peng, Xi yan Hu, and Lei Zhang. The reflexive and anti-reflexive solutions of the matrix equation $A^HXB = C$. *Jour-*

nal of Computational and Applied Mathematics, 200(2): 749–760, March 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000707>.

Sun:2005:CTS

[yS05]

Li ying Sun. A comparison theorem for the SOR iterative method. *Journal of Computational and Applied Mathematics*, 181(2): 336–341, September 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005898>. See comment [NK10].

Yaguchi:2006:HNB

[YS06]

Takaharu Yaguchi and Kokiichi Sugihara. On the Hedstrom nonreflecting boundary condition for C^2 solutions. *Journal of Computational and Applied Mathematics*, 197(1):150–155, December 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006497>.

Yang:2007:PBV

Xuxin Yang and Jianhua Shen. Periodic boundary value problems for second-order impulsive integro-differential equations. *Jour-*

- Journal of Computational and Applied Mathematics*, 209(2): 176–186, December 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706006741>. **Yin:2009:SOA**
- [YSY09] G. Yin, Q. S. Song, and H. Yang. Stochastic optimization algorithms for barrier dividend strategies. *Journal of Computational and Applied Mathematics*, 223(1): 240–262, January 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000101>. **Yi:2008:NCB**
- [YSYX08] Xuejun Yi, Jianying Shao, Yuehua Yu, and Bing Xiao. New convergence behavior of high-order Hopfield neural networks with time-varying coefficients. *Journal of Computational and Applied Mathematics*, 219(1): 216–222, September 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003895>. **Yamaguchi:2007:DPS**
- [YTM07] Masahiro Yamaguchi, Yasuhiro Takeuchi, and Wanbiao Ma. Dynamical prop-
[Yua09] erties of a stage structured three-species model with intra-guild predation. *Journal of Computational and Applied Mathematics*, 201(2):327–338, April 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000859>. **Yu:2006:SSP**
- [Yu06] Zhensheng Yu. Solving semidefinite programming problems via alternating direction methods. *Journal of Computational and Applied Mathematics*, 193(2): 437–445, September 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004231>. **Yuan:2008:MUM**
- [Yua08] Yongxin Yuan. A model updating method for undamped structural systems. *Journal of Computational and Applied Mathematics*, 219(1): 294–301, September 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004098>. **Yuan:2009:IES**
- [Yua09] Yongxin Yuan. Inverse eigenproblem for R -symmetric matrices and their approxima-

- tion. *Journal of Computational and Applied Mathematics*, 233(2):308–314, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004233> [Yun08a]
- [Yücel06] Uğur Yücel. Approximations of Sturm–Liouville eigenvalues using differential quadrature (DQ) method. *Journal of Computational and Applied Mathematics*, 192(2):310–319, August 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500350X> [Yun08b]
- [Yun05a] Jae Heon Yun. Convergence of nonstationary multisplitting methods using ILU factorizations. *Journal of Computational and Applied Mathematics*, 180(2):245–263, August 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005205>
- [Yun05b] Jae Heon Yun. A note on $SOR(\omega)$ splitting of an M -matrix. *Journal of Computational and Applied Mathematics*, 176(2):461–462, April 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003486>
- [Yun08a] Jae Heon Yun. Convergence of SSOR multisplitting method for an H -matrix. *Journal of Computational and Applied Mathematics*, 217(1):252–258, July 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003548>
- [Yun08b] Jae Heon Yun. Preconditioned AOR method for L -matrices. A note on: “Improvements of preconditioned AOR iterative method for L -matrices” [J. Comput. Appl. Math. **206** (2007), no. 2, 656–665; MR2333703] by Y. Li, C. Li and S. Wu. *Journal of Computational and Applied Mathematics*, 220(1–2):13–16, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003846>. See [tLxLIW07].
- [YW08] Peng-Yeng Yin and Jing-Yu Wang. Optimal multiple

Yun:2008:CSM

Yucel:2006:ASL

Yun:2008:PAM

Yun:2005:CNM

Yun:2005:NSS

Yin:2008:OMO

- objective resource allocation using hybrid particle swarm optimization and adaptive resource bounds technique. *Journal of Computational and Applied Mathematics*, 216(1):73–86, June 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002191>. [YWD09]
- Yin:2009:OBS**
- [YW09a] Chuancun Yin and Chunwei Wang. Optimality of the barrier strategy in de Finetti's dividend problem for spectrally negative Lévy processes: an alternative approach. *Journal of Computational and Applied Mathematics*, 233(2): 482–491, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004579>. [YWH05a]
- Yu:2009:ABS**
- [YW09b] Zhi-Hua Yu and Qi-Ru Wang. Asymptotic behavior of solutions of third-order nonlinear dynamic equations on time scales. *Journal of Computational and Applied Mathematics*, 225(2):531–540, March 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004251>. [YWH05b]
- Yang:2009:ACN**
- Xiaoyuan Yang, Wei Wang, and Yuanyuan Duan. The approximation of a Crank–Nicolson scheme for the stochastic Navier–Stokes equations. *Journal of Computational and Applied Mathematics*, 225(1):31–43, March 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003178>. [Yang:2005:DSFb]
- ZhengHong Yang, LaiSheng Wang, and YongJian Hu. Displacement structures and fast inversion formulas for confluent polynomial Vandermonde-like matrices. *Journal of Computational and Applied Mathematics*, 177(1): 1–15, May 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003590>. [Yang:2005:DSFc]
- ZhengHong Yang, LaiSheng Wang, and YongJian Hu. Displacement structures and fast inversion formulas for confluent polynomial Vandermonde-like matrices. *Journal of Computational and Applied Mathematics*, 180(2): 229–243, August 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002299>. [Yang:2005:DSFb]

- (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005096>. ■
- Yu:2007:CCH**
- [YXF07] Bo Yu, Qing Xu, and Guochen Feng. On the complexity of a combined homotopy interior method for convex programming. *Journal of Computational and Applied Mathematics*, 200(1):32–46, March 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007946>. ■
- Yin:2008:AEE**
- [YXJG08] Xiaobo Yin, Hehu Xie, Shanghui Jia, and Shaoqin Gao. Asymptotic expansions and extrapolations of eigenvalues for the Stokes problem by mixed finite element methods. *Journal of Computational and Applied Mathematics*, 215(1):127–141, May 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001793>. ■
- Yun-Xin:2006:MSU**
- [YXYJ06] Zhang Yun-Xin and Tan Yong-Ji. Meshless schemes for unsteady Navier–Stokes equations in vorticity formulation using radial basis functions. *Journal of Computational and Applied Mathematics*, 192(2):328–338, August 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705003547>. ■
- Yang:2007:SCF**
- [YY07a] Min Yang and Yirang Yuan. A symmetric characteristic FVE method with second order accuracy for nonlinear convection diffusion problems. *Journal of Computational and Applied Mathematics*, 200(2):677–700, March 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706000665>. ■
- Yongjian:2007:NDF**
- [YY07b] Yang Yongjian and Liang Yumei. A new discrete filled function algorithm for discrete global optimization. *Journal of Computational and Applied Mathematics*, 202(2):280–291, May 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001294>. ■
- Yu:2007:GRS**
- [YY07c] Wenwu Yu and Lingling Yao. Global robust stability of neural networks with time varying delays. *Journal of Computational and Applied Mathematics*, 206(2):

679–687, September 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005140>.

Yuan:2008:GDS

[YY08]

Junli Yuan and Zuodong Yang. Global dynamics of an SEI model with acute and chronic stages. *Journal of Computational and Applied Mathematics*, 213(2):465–476, April 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000453>.

Yan:2009:BIA

[YYF09]

Liang Yan, Fenglian Yang, and Chuli Fu. A Bayesian inference approach to identify a Robin coefficient in one-dimensional parabolic problems. *Journal of Computational and Applied Mathematics*, 231(2):840–850, September 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003033>.

Yan:2009:PPE

[YZ09a]

Ningning Yan and Zhaojie Zhou. A priori and a posteriori error analysis of edge stabilization Galerkin method for the optimal control prob-

lem governed by convection-dominated diffusion equation. *Journal of Computational and Applied Mathematics*, 223(1):198–217, January 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000071>.

Yang:2009:PSA

[YZ09b]

Hu Yang and Zhimin Zhang. On a perturbed Sparre Andersen risk model with multi-layer dividend strategy. *Journal of Computational and Applied Mathematics*, 232(2):612–624, October 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003938>.

Yang:2009:FOS

[YZ09c]

Jun Yang and Yu Jing Zhang. Frequent oscillatory solutions of a nonlinear partial difference equation. *Journal of Computational and Applied Mathematics*, 224(2):492–499, February 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002562>.

Yang:2009:FER

[YZ09d]

Ying Yang and Aihui Zhou. A finite element recovery approach to Green's function

approximations with applications to electrostatic potential computation. *Journal of Computational and Applied Mathematics*, 225(1):202–212, March 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003634>.

Yu:2009:FCG

[YZ09e]

Xiaohui Yu and Qiang Zhang. The fuzzy core in games with fuzzy coalitions. *Journal of Computational and Applied Mathematics*, 230(1):173–186, August 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005979>.

Yang:2008:MSS

[YZL08]

Jun Yang, Shouming Zhong, and Wenpin Luo. Mean square stability analysis of impulsive stochastic differential equations with delays. *Journal of Computational and Applied Mathematics*, 216(2):474–483, July 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002877>.

Zhang:2009:CBI

[yZXL09]

Cheng yi Zhang, Chengxian Xu, and Shuanghua Luo.

[ZA09]

Convergence of block iterative methods for linear systems with generalized H -matrices. *Journal of Computational and Applied Mathematics*, 229(1):70–84, July 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005219>.

Zhu:2009:SNC

Wenxing Zhu and M. M. Ali. Solving nonlinearly constrained global optimization problem via an auxiliary function method. *Journal of Computational and Applied Mathematics*, 230(2):491–503, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708006468>.

Zadeh:2009:MOO

[Zad09]

Kouroush Sadegh Zadeh. Multi-objective optimization in variably saturated fluid flow. *Journal of Computational and Applied Mathematics*, 223(2):801–819, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800085X>.

Zarin:2009:CDF

Helena Zarin. Continuous-discontinuous finite element

- method for convection–diffusion problems with characteristic layers. *Journal of Computational and Applied Mathematics*, 231(2):626–636, September 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002623>. [ZBL08]
- [ZAVS09] M. Zandieh, M. Amiri, B. Vahdani, and R. Soltani. A robust parameter design for multi-response problems. *Journal of Computational and Applied Mathematics*, 230(2):463–476, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708006432>. [ZC06]
- [ZBB+05] Yanan Zheng, Venkataramanan Balakrishnan, Greg Buzzard, Robert Geahlen, Marietta Harrison, and Ann Rundell. Modeling and analysis of early events in T-lymphocyte antigen-activated intracellular-signaling pathways. *Journal of Computational and Applied Mathematics*, 184(1):320–341, December 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270500083X>. [Zheng:2008:CSC]
- Quan Zheng, Rongxia Bai, and Zhongli Liu. The cubic semilocal convergence on two variants of Newton’s method. *Journal of Computational and Applied Mathematics*, 220(1–2):480–489, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004803>. [Zeng:2006:CFD]
- Xiao-Ming Zeng and X. J. Chen. Computational formula of depth for Catmull–Clark subdivision surfaces. *Journal of Computational and Applied Mathematics*, 195(1–2):252–262, October 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004905>. [Zheng:2005:MAE]
- [ZC08a] Yu-Lin Zhao and Hai-Bo Chen. Existence of multiple positive solutions for m -point boundary value problems in Banach spaces. *Journal of Computational and Applied Mathematics*, 215(1):79–90, May 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004905>. [Zhao:2008:EMP]

- [//www.sciencedirect.com/science/article/pii/S0377042707001756](http://www.sciencedirect.com/science/article/pii/S0377042707001756) ■
- Zhu:2008:CSA**
- [ZC08b] Guoqing Zhu and Shaochun Chen. Convergence and superconvergence analysis of finite element methods on graded meshes for singularly and semisingularly perturbed reaction–diffusion problems. *Journal of Computational and Applied Mathematics*, 220(1–2):373–393, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700458X> ■
- Zhu:2008:CSA**
- [ZCL06] Guoqing Zhu and Shaochun Chen. Convergence and superconvergence analysis of finite element methods on graded meshes for singularly and semisingularly perturbed reaction–diffusion problems. *Journal of Computational and Applied Mathematics*, 220(1–2):373–393, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700458X> ■
- Zhang:2007:BSN**
- [ZCH07] Lijun Zhang, Li-Qun Chen, and Xuwen Huo. Bifurcations of smooth and nonsmooth traveling wave solutions in a generalized Degasperis–Procesi equation. *Journal of Computational and Applied Mathematics*, 205(1):174–185, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707001756> ■
- Zhang:2007:BSN**
- [ZCL09] W. zu Castell, S. Ehrich, and F. Filbir. Preface. *Journal of Computational and Applied Mathematics*, 199(1):1, February 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705007338> ■
- Zhang:2006:ULS**
- [ZCL06] Qin Zhang, Shihua Chen, and Jinhu Lü. Upper and lower solution method for fourth-order four-point boundary value problems. *Journal of Computational and Applied Mathematics*, 196(2):387–393, November 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706002731> ■
- Zhang:2006:ULS**
- [ZCS06] Guangzhao Zeng, Lansun Chen, and Lihua Sun. Existence of periodic solution of order one of planar impulsive autonomous system. *Journal of Computational and Applied Mathematics*, 186(2):466–481, February 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005820> ■
- Zhou:2009:NAP**
- [ZCE07] Yongfang Zhou, Minggen Cui, and Yingzhen Lin. Numerical algorithm for parabolic problems with non-classical conditions. *Journal of Computational and Applied Mathematics*, 230(2):770–780, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000259> ■
- Zhou:2009:NAP**
- [ZCS06] Guangzhao Zeng, Lansun Chen, and Lihua Sun. Existence of periodic solution of order one of planar impulsive autonomous system. *Journal of Computational and Applied Mathematics*, 186(2):466–481, February 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005820> ■
- Zeng:2006:EPS**
- [ZCS06] Guangzhao Zeng, Lansun Chen, and Lihua Sun. Existence of periodic solution of order one of planar impulsive autonomous system. *Journal of Computational and Applied Mathematics*, 186(2):466–481, February 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005820> ■

CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001275>.

Zou:2008:LBC

[ZCZ08]

Lan Zou, Xingwu Chen, and Weinian Zhang. Local bifurcations of critical periods for cubic Liénard equations with cubic damping. *Journal of Computational and Applied Mathematics*, 222(2): 404–410, December 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707006085>.

Zhao:2007:CFD

[ZDC07]

Jichao Zhao, Matt Davison, and Robert M. Corless. Compact finite difference method for American option pricing. *Journal of Computational and Applied Mathematics*, 206(1):306–321, September 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706004511>.

Zhu:2009:DDC

[ZF09]

Wenxing Zhu and Hong Fan. A discrete dynamic convexized method for nonlinear integer programming. *Journal of Computational and Applied Mathematics*, 223(1): 356–373, January 1, 2009.

CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000289>.

Zhang:2008:SPS

[ZFG08]

Xuemei Zhang, Meiqiang Feng, and Weigao Ge. Symmetric positive solutions for p -Laplacian fourth-order differential equations with integral boundary conditions. *Journal of Computational and Applied Mathematics*, 222(2):561–573, December 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707006322>.

Zlatev:2009:LSS

[ZFS09]

Zahari Zlatev, István Faragó, and Peter L. Simon. Large scale scientific computations: Editorial introduction. *Journal of Computational and Applied Mathematics*, 226(2):187–189, April 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003981>.

Zhang:2009:ESP

[ZG09]

Jie Zhang and Zhanji Gui. Existence and stability of periodic solutions of high-order Hopfield neural networks with impulses and delays. *Journal of Computa-*

- tional and Applied Mathematics*, 224(2):602–613, February 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800277X>. ■
- [ZGH09] Haomin Zhang, Siqing Gan, and Lin Hu. The split-step backward Euler method for linear stochastic delay differential equations. *Journal of Computational and Applied Mathematics*, 225(2):558–568, March 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004275>. ■
- [ZGSF08] Hongjuan Zhang, Chonghui Guo, Zhenwei Shi, and Enmin Feng. A new constrained fixed-point algorithm for ordering independent components. *Journal of Computational and Applied Mathematics*, 220(1–2):548–558, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004852>. ■
- [ZGV06] V. V. Zaviyalov, V. Yu. Gusev, and A. S. Vershinskaya. Exact solutions of system of equations of radiation and energy transfer in 3D spherically nonsymmetrical geometry. *Journal of Computational and Applied Mathematics*, 189(1–2):635–642, May 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002967>. ■
- [ZH08] Tianhe Zhou and Danfu Han. A weighted least squares method for scattered data fitting. *Journal of Computational and Applied Mathematics*, 217(1):56–63, July 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003159>. ■
- [ZH09] Liping Zhu and Yinnian He. Two-level Galerkin–Lagrange multipliers method for the stationary Navier–Stokes equations. *Journal of Computational and Applied Mathematics*, 230(2):504–512, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800647X>. ■
- [Zha05] Xinhua Zhang. A modification of the Adomian decom-

- position method for a class of nonlinear singular boundary value problems. *Journal of Computational and Applied Mathematics*, 180(2): 377–389, August 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704005394>.
Zhang:2007:NIT [Zha09b]
- [Zha07] Shangyou Zhang. Numerical integration with Taylor truncations for the quadrilateral and hexahedral finite elements. *Journal of Computational and Applied Mathematics*, 205(1):325–342, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003220>.
Zhang:2008:ESN [ZHG+09]
- [Zha08] Qimin Zhang. Exponential stability of numerical solutions to a stochastic age-structured population system with diffusion. *Journal of Computational and Applied Mathematics*, 220(1–2):22–33, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004608>.
Zhai:2009:PSS [Zha09a]
- Chengbo Zhai. Positive solutions for semi-positone three-point boundary value problems. *Journal of Computational and Applied Mathematics*, 228(1):279–286, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004755>.
Zhang:2009:NLS
- Li Zhang. A new Liu–Storey type nonlinear conjugate gradient method for unconstrained optimization problems. *Journal of Computational and Applied Mathematics*, 225(1):146–157, March 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003592>.
Zhang:2009:CIS
- Li-Tao Zhang, Ting-Zhu Huang, Tong-Xiang Gu, Xin-Lan Guo, and Jiang-Hua Yue. Convergent improvement of SSOR multisplitting method for an H -matrix. *Journal of Computational and Applied Mathematics*, 225(2): 393–397, March 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003889>.
Zhang:2008:GSS
- Guo-Feng Zhang and Qun [ZhL08]

- hua Lu. On generalized symmetric SOR method for augmented systems. *Journal of Computational and Applied Mathematics*, 219(1): 51–58, September 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003627>. **Zhou:2006:SCI**
- [Zho06] Fu-Zhao Zhou. The solvability conditions for the inverse eigenvalue problems of reflexive matrices. *Journal of Computational and Applied Mathematics*, 188(2): 180–189, April 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002153>. **Zhou:2006:SCI** [Zho09b]
- [Zho08] Ding-Xuan Zhou. Derivative reproducing properties for kernel methods in learning theory. *Journal of Computational and Applied Mathematics*, 220(1–2): 456–463, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004657>. **Zhou:2008:DRP** [Zhu05a]
- [Zho09a] Ying Zhou. A smoothing conic trust region filter method for the nonlinear complementarity problem. *Journal of Computational and Applied Mathematics*, 229(1):248–263, July 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005645>. **Zhou:2009:QBP**
- [Zhu05b] Zhengxin Zhou. On the qualitative behavior of periodic solutions of differential systems. *Journal of Computational and Applied Mathematics*, 232(2):600–611, October 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003926>. **Zhu:2005:AST**
- [Zhu05a] Detong Zhu. An affine scaling trust-region algorithm with interior backtracking technique for solving bound-constrained nonlinear systems. *Journal of Computational and Applied Mathematics*, 184(2): 343–361, December 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000282>. **Zhu:2005:IAS**
- [Zhu05b] Detong Zhu. An interior affine scaling projective al-

- gorithm for nonlinear equality and linear inequality constrained optimization. *Journal of Computational and Applied Mathematics*, 173(1): 115–148, January 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704001414>. [Zhu07]
- [Zhu05c] Zhibin Zhu. An efficient sequential quadratic programming algorithm for nonlinear programming. *Journal of Computational and Applied Mathematics*, 175(2): 447–464, March 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003152>. [Zhu08a]
- [Zhu06] Detong Zhu. Affine scaling inexact generalized Newton algorithm with interior backtracking technique for solving bound-constrained semismooth equations. *Journal of Computational and Applied Mathematics*, 187(2): 227–252, March 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001548>. [Zhu08b]
- [Zhuang:2007:AEI] Yu Zhuang. An alternating explicit-implicit domain decomposition method for the parallel solution of parabolic equations. *Journal of Computational and Applied Mathematics*, 206(1): 549–566, September 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005048>.
- [Zhu:2008:ASI] Detong Zhu. Affine scaling interior Levenberg–Marquardt method for bound-constrained semismooth equations under local error bound conditions. *Journal of Computational and Applied Mathematics*, 219(1):198–215, September 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003871>.
- [Zhu:2008:BFS] Jinghao Zhu. The bounds of feasible space on constrained nonconvex quadratic programming. *Journal of Computational and Applied Mathematics*, 213(1): 205–211, March 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700026X>.

- [Zhu08c] **Zhu:2008:SEC** Zhibin Zhu. A sequential equality constrained quadratic programming algorithm for inequality constrained optimization. *Journal of Computational and Applied Mathematics*, 212(1): 112–125, February 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007199>.
- [Zhu08d] **Zhuang:2008:AOC** Rong-Kun Zhuang. Annual oscillation criteria for second-order nonlinear elliptic differential equations. *Journal of Computational and Applied Mathematics*, 217(1):268–276, July 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707003561>.
- [Zin05] **Zinkernagel:2005:IIA** Rolf M. Zinkernagel. Immunology and immunity against infection: General rules. *Journal of Computational and Applied Mathematics*, 184(1):4–9, December 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705000580>.
- [ZJ12] **Zhang:2012:CFD** Li Zhang and Shuyuan Jian. Comments on: “A family of derivative-free conjugate gradient methods for large-scale nonlinear systems of equations” [J. Comput. Appl. Math. **224** (2009) 11–19]. *Journal of Computational and Applied Mathematics*, 236(17):4344–4347, November 2012. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042712001574>. See [CXH09].
- [ZJW08] **Zhang:2008:SNT** Xinzhen Zhang, Hefeng Jiang, and Yiju Wang. A smoothing Newton-type method for generalized nonlinear complementarity problem. *Journal of Computational and Applied Mathematics*, 212(1):75–85, February 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706007138>.
- [ZKSS06] **Zschiechrich:2006:NFE** Lin Zschiechrich, Roland Klose, Achim Schädle, and Frank Schmidt. A new finite element realization of the perfectly matched layer method for Helmholtz scattering problems on polygonal domains in two dimensions. *Journal of Compu-*

- tational and Applied Mathematics*, 188(1):12–32, April 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001561> ■
- Zhang:2005:HCL**
- [ZL05] Peng Zhang and Ru-Xun Liu. Hyperbolic conservation laws with space-dependent fluxes: II. General study of numerical fluxes. *Journal of Computational and Applied Mathematics*, 176(1):105–129, April 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003231> ■
- Zhou:2007:EUP**
- [ZL07] Qiyuan Zhou and Fei Long. Existence and uniqueness of periodic solutions for a kind of Liénard equation with two deviating arguments. *Journal of Computational and Applied Mathematics*, 206(2):1127–1136, September 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005838> ■
- Zeng:2009:EVP**
- [ZL09a] J. Zeng and S. J. Li. An Ekeland’s variational principle for set-valued mappings with applications. *Journal of Computational and Applied Mathematics*, 230(2):477–484, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708006444> ■
- Zhou:2009:DLB**
- [ZL09b] Lujun Zhou and Yaqiong Li. A dynamic IS–LM business cycle model with two time delays in capital accumulation equation. *Journal of Computational and Applied Mathematics*, 228(1):182–187, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004615> ■
- Zhang:2007:NAL**
- [ZLA07] H. Zhang, F. Liu, and V. Anh. Numerical approximation of Lévy–Feller diffusion equation and its probability interpretation. *Journal of Computational and Applied Mathematics*, 206(2):1098–1115, September 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005814> ■
- Liu:2006:FMD**
- [zLCgS06] Xu zheng Liu, Xia Cui, and Jia guang Sun. FDM for multi-dimensional nonlinear coupled system of parabolic and hyperbolic equations.

Journal of Computational and Applied Mathematics, 186(2):432–449, February 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001044>. ■

Zegarra:2009:WBF

[ZLdST09]

Javier A. Montoya Zegarra, Neucimar J. Leite, and Ricardo da Silva Torres. Wavelet-based fingerprint image retrieval. *Journal of Computational and Applied Mathematics*, 227(2):294–307, May 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800112X>. ■

Zhou:2009:WLS

[ZLDW09]

Bin Zhou, Zhao-Yan Li, Guang-Ren Duan, and Yong Wang. Weighted least squares solutions to general coupled Sylvester matrix equations. *Journal of Computational and Applied Mathematics*, 224(2):759–776, February 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003129>. ■

Zhao:2008:ESI

[ZLL08]

Jing Zhao, Zhenbin Liu, and Lishan Liu. The existence of solutions of infinite boundary value problems for first-order

impulsive differential systems in Banach spaces. *Journal of Computational and Applied Mathematics*, 222(2):524–530, December 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707006292>. ■

Zhang:2009:SMS

[ZLL09]

Xiangsong Zhang, Sanyang Liu, and Zhenhua Liu. A smoothing method for second order cone complementarity problem. *Journal of Computational and Applied Mathematics*, 228(1):83–91, June 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708004408>. ■

Zhang:2008:LAB

[ZLLW08]

Yunong Zhang, W. E. Leith, D. J. Leith, and L. Walsh. Log-det approximation based on uniformly distributed seeds and its application to Gaussian process regression. *Journal of Computational and Applied Mathematics*, 220(1–2):198–214, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004360>. ■

- [ZLY09] **Zhang:2009:GSD** Zhimin Zhang, Shuanming Li, and Hu Yang. The Gerber–Shiu discounted penalty functions for a risk model with two classes of claims. *Journal of Computational and Applied Mathematics*, 230(2): 643–655, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000053>.
- [ZLYW09] **Zhang:2009:AAE** Yi Zhang, Shaoyong Lai, Jun Yin, and Yonghong Wu. The application of the auxiliary equation technique to a generalized mKdV equation with variable coefficients. *Journal of Computational and Applied Mathematics*, 223(1):75–85, January 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707006693>.
- [ZLZ09a] **Zhang:2009:KQF** Haiyan Zhang, Guojun Li, and Hongluan Zhao. A kind of QP-free feasible method. *Journal of Computational and Applied Mathematics*, 224(1):230–241, February 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002045>.
- [ZLZ09b] **Zhang:2009:SDG** Tie Zhang, Jiandong Li, and Shuhua Zhang. Superconvergence of discontinuous Galerkin methods for hyperbolic systems. *Journal of Computational and Applied Mathematics*, 223(2): 725–734, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000708>.
- [ZM09a] **Zhang:2009:RSM** Zhong-Qiang Zhang and He-Ping Ma. A rational spectral method for the KdV equation on the half line. *Journal of Computational and Applied Mathematics*, 230(2): 614–625, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000028>.
- [ZM09b] **Zheng:2009:TNM** Bing Zheng and Shu-Xin Miao. Two new modified Gauss–Seidel methods for linear system with M -matrices. *Journal of Computational and Applied Mathematics*, 233(4):922–930, December 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004695>.

- [ZMAZ09] **Zandieh:2009:SPA** M. Zandieh and S. Molla-Alizadeh-Zavardehi. Synchronizing production and air transportation scheduling using mathematical programming models. *Journal of Computational and Applied Mathematics*, 230(2): 546–558, August 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270800650X>.
- [ZS05] **Zhang:2005:EPS** Yu Zhang and Jitao Sun. Eventual practical stability of impulsive differential equations with time delay in terms of two measurements. *Journal of Computational and Applied Mathematics*, 176(1):223–229, April 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003309>.
- [ZMH09] **Zhao:2009:NAN** Zhenyu Zhao, Zehong Meng, and Guoqiang He. A new approach to numerical differentiation. *Journal of Computational and Applied Mathematics*, 232(2):227–239, October 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270900346X>.
- [ZSGF09] **Zhang:2009:SBS** Hongjuan Zhang, Zhenwei Shi, Chonghui Guo, and Enmin Feng. Semi-blind source extraction algorithm for fetal electrocardiogram based on generalized autocorrelations and reference signals. *Journal of Computational and Applied Mathematics*, 223(1): 409–420, January 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000320>.
- [ZP06] **Zampieri:2006:AAW** Elena Zampieri and Luca F. Pavarino. Approximation of acoustic waves by explicit Newmark's schemes and spectral element methods. *Journal of Computational and Applied Mathematics*, 185(2): 308–325, January 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705001172>.
- [ZSWL09] **Zhou:2009:PGM** Xiaoxia Zhou, Yongzhong Song, Li Wang, and Qingsheng Liu. Preconditioned GAOR methods for solving weighted linear least squares problems. *Journal of Computational and Applied Mathematics*, 224(1): 242–249, February 1, 2009. CODEN JCAMDI. ISSN

0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002057> ■

Zeng:2005:SSR

[ZSZ05]

X. Y. Zeng, B. Shi, and D. C. Zhang. Stability of solutions for the recursive sequence $x_{n+1} = (\alpha - \beta x_n) / (\gamma + g(x_{n-k}))$. *Journal of Computational and Applied Mathematics*, 176(2):283–291, April 15, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003334> ■

Zhou:2009:EUP

[ZSZ09]

Qiyuan Zhou, Jianying Shao, and Jinglei Zhou. Existence and uniqueness of periodic solutions for a class of generalized Liénard systems with forcing term. *Journal of Computational and Applied Mathematics*, 224(2):743–750, February 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003105> ■

Zhang:2006:RSS

[ZT06a]

Zhengru Zhang and Tao Tang. Resolving small-scale structures in Boussinesq convection by adaptive grid methods. *Journal of Computational and Applied Mathematics*, 195(1–2):

274–291, October 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004929> ■

Zhao:2006:BBT

[ZT06b]

Qian-Jin Zhao and Jieqing Tan. Block-based Thiele-like blending rational interpolation. *Journal of Computational and Applied Mathematics*, 195(1–2):312–325, October 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004954> ■

Zhou:2007:EPS

[ZT07]

Yinggao Zhou and Xianhua Tang. On existence of periodic solutions of Rayleigh equation of retarded type. *Journal of Computational and Applied Mathematics*, 203(1):1–5, June 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706001543> ■

Zhu:2009:SCO

[ZTG09]

Jinghao Zhu, Shiming Tao, and David Gao. A study on concave optimization via canonical dual function. *Journal of Computational and Applied Mathematics*, 224(2):459–464, February 15, 2009.

- CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708002495>.
Zeng:2007:ICF
- [ZTY07] Lu-Chuan Zeng, Tamaki Tanaka, and Jen-Chih Yao. Iterative construction of fixed points of nonself-mappings in Banach spaces. *Journal of Computational and Applied Mathematics*, 206(2): 814–825, September 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005243>.
Zudilin:2005:WPG
- [Zud05] Wadim Zudilin. Well-poised generation of Apéry-like recursions. *Journal of Computational and Applied Mathematics*, 178(1–2):513–521, June 1, 2005. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042704003966>.
Zudilin:2007:ATL
- [Zud07] Wadim Zudilin. Approximations to π , d - and \ln -logarithms. *Journal of Computational and Applied Mathematics*, 202(2):450–459, May 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006540>.
Zudilin:2009:HP
- Wadim Zudilin. A hypergeometric problem. *Journal of Computational and Applied Mathematics*, 233(3): 856–857, December 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709001368>.
Zhang:2006:GOS
- Hao Zhang and Shuning Wang. Global optimization of separable objective functions on convex polyhedra via piecewise-linear approximation. *Journal of Computational and Applied Mathematics*, 197(1): 212–217, December 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006540>.
Zhu:2006:LIB
- Chun-Gang Zhu and Ren-Hong Wang. Lagrange interpolation by bivariate splines on cross-cut partitions. *Journal of Computational and Applied Mathematics*, 195(1–2): 326–340, October 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705006540>.

- [//www.sciencedirect.com/science/article/pii/S0377042705004966](http://www.sciencedirect.com/science/article/pii/S0377042705004966) ■
- Zhang:2008:LCG**
- [ZW08] Hao Zhang and Shuning Wang. Linearly constrained global optimization via piecewise-linear approximation. *Journal of Computational and Applied Mathematics*, 214(1):111–120, April 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S037704270700088X> ■
- Zhang:2009:ABG**
- [ZW09a] Liping Zhang and Soon-Yi Wu. An algorithm based on the generalized D -gap function for equilibrium problems. *Journal of Computational and Applied Mathematics*, 231(1):403–411, September 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002052> ■
- Zhang:2009:SOH**
- [ZW09b] Yinping Zhang and Qing-Guo Wang. Stationary oscillation for high-order Hopfield neural networks with time delays and impulses. *Journal of Computational and Applied Mathematics*, 231(1):473–477, September 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709002052> ■
- [//www.sciencedirect.com/science/article/pii/S0377042709000958](http://www.sciencedirect.com/science/article/pii/S0377042709000958) ■
- Zhou:2009:CNS**
- [ZW09c] Shaobo Zhou and Fuke Wu. Convergence of numerical solutions to neutral stochastic delay differential equations with Markovian switching. *Journal of Computational and Applied Mathematics*, 229(1):85–96, July 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708005220> ■
- Zhou:2009:MAC**
- [ZW09d] Xue-Gang Zhou and Kun Wu. A method of acceleration for a class of multiplicative programming problems with exponent. *Journal of Computational and Applied Mathematics*, 223(2):975–982, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001192> ■
- Zhou:2009:GTD**
- [ZWF09] Qiyuan Zhou, Wentao Wang, and Qiyi Fan. A generalization of the three-dimensional Bernfeld–Haddock conjecture and its proof. *Journal of Computational and Applied Mathematics*, 233(2):473–481, November 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708001192> ■

(electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709004543>■

Zhang:2009:SCS

- [ZWY09] Xiaoping Zhang, Jiming Wu, and Dehao Yu. Superconvergence of the composite Simpson's rule for a certain finite-part integral and its applications. *Journal of Computational and Applied Mathematics*, 223(2):598–613, January 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000538>■

Zhang:2008:SOI

- [ZWZ08] Kai Zhang, Jeff C.-F. Wong, and Ran Zhang. Second-order implicit-explicit scheme for the Gray–Scott model. *Journal of Computational and Applied Mathematics*, 213(2):559–581, April 1, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707000726>■

Zhao:2006:TSM

- [ZX06] Huanxi Zhao and Guoliang Xu. Triangular surface mesh fairing via Gaussian curvature flow. *Journal of Computational and Applied Mathematics*, 195(1–2):300–311, October 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778

(electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004942>■

Zhang:2009:FFM

- [ZXZ09] Ying Zhang, Yingtao Xu, and Liansheng Zhang. A filled function method applied to nonsmooth constrained global optimization. *Journal of Computational and Applied Mathematics*, 232(2):415–426, October 15, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709003756>■

Zarzo:2007:GRL

- [ZYD07] A. Zarzo, R. J. Yáñez, and J. S. Dehesa. General recurrence and ladder relations of hypergeometric-type functions. *Journal of Computational and Applied Mathematics*, 207(2):166–179, October 15, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706005991>■

Zhou:2009:NMC

- [ZYLY09] Chaoying Zhou, Lihua Yang, Yingjun Liu, and Zhihua Yang. A novel method for computing the Hilbert transform with Haar multiresolution approximation. *Journal of Computational and Applied Mathematics*, 223(2):585–597, January 15, 2009.

CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000526> ■

Zhang:2006:SGP [ZZ07]

[ZZ06a]

Li Zhang and Weijun Zhou. Spectral gradient projection method for solving nonlinear monotone equations. *Journal of Computational and Applied Mathematics*, 196(2): 478–484, November 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705005996> ■

Zhao:2006:UAE [ZZ08a]

[ZZ06b]

Yu-Qiu Zhao and Jian-Rong Zhou. Uniform asymptotic expansions of the Polaczek polynomials. *Journal of Computational and Applied Mathematics*, 190 (1–2):37–56, June 1, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705002207> ■

Zhu:2006:NVV

[ZZ06c]

Xiaolin Zhu and Gongqin Zhu. A note on vector-valued rational interpolation. *Journal of Computational and Applied Mathematics*, 195(1–2): 341–350, October 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778

(electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004978> ■

Zhang:2007:CIR

Wanxiong Zhang and Weinian Zhang. Computing iterative roots of polygonal functions. *Journal of Computational and Applied Mathematics*, 205(1):497–508, August 1, 2007. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042706003347> ■

Zhang:2008:TDH

Li Zhang and Weijun Zhou. Two descent hybrid conjugate gradient methods for optimization. *Journal of Computational and Applied Mathematics*, 216(1):251–264, June 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707002348> ■

Zhou:2008:IAQ

Shuzi Zhou and Zhanyong Zou. An iterative algorithm for a quasivariational inequality system related to HJB equation. *Journal of Computational and Applied Mathematics*, 219(1): 1–8, September 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708000526> ■

- [//www.sciencedirect.com/science/article/pii/S0377042707003597](http://www.sciencedirect.com/science/article/pii/S0377042707003597) [Zhang:2009:VSN]
- [ZZ09a] Jian Zhang and Ke-Cun Zhang. A variant smoothing Newton method for P_0 -NCP based on a new smoothing function. *Journal of Computational and Applied Mathematics*, 225(1):1–8, March 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042708003142> [ZZL08]
- [ZZ09b] Xin-Li Zhang and Ke-Cun Zhang. Using genetic algorithm to solve a new multi-period stochastic optimization model. *Journal of Computational and Applied Mathematics*, 231(1):114–123, September 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042709000454> [ZZZ06]
- [ZZ09c] Weijun Zhou and Li Zhang. Global convergence of the nonmonotone MBFGS method for nonconvex unconstrained minimization. *Journal of Computational and Applied Mathematics*, 223(1):40–47, January 1, 2009. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004917> [Zhao:2008:TAA]
- [ZZ08] Caidi Zhao, Shengfan Zhou, and Yongsheng Li. Theorems about the attractor for incompressible non-Newtonian flow driven by external forces that are rapidly oscillating in time but have a smooth average. *Journal of Computational and Applied Mathematics*, 220(1–2):129–142, October 15, 2008. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042707004311> [Zhang:2006:NST]
- [ZZ06] R. Zhang, K. Zhang, and Y. S. Zhou. Numerical study of time-splitting and space-time adaptive wavelet scheme for Schrödinger equations. *Journal of Computational and Applied Mathematics*, 195(1–2):263–273, October 15, 2006. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0377042705004917> [Zhang:2008:EMB]
- [ZZ08] Chun-Xia Zhang, Jiang-She Zhang, and Gai-Ying Zhang. An efficient modified boosting method for solving classification problems. *Journal of Computational and*

Applied Mathematics, 214
(2):381–392, May 1, 2008.
CODEN JCAMDI. ISSN
0377-0427 (print), 1879-1778
(electronic). URL [http:
//www.sciencedirect.com/
science/article/pii/S0377042707001343](http://www.sciencedirect.com/science/article/pii/S0377042707001343)■

Zhang:2009:MCS

[ZZZ09] Chunrui Zhang, Yazhuo
Zhang, and Baodong Zheng.
A model in a coupled system
of simple neural oscillators
with delays. *Journal of Com-
putational and Applied Math-
ematics*, 229(1):264–273, July
1, 2009. CODEN JCAMDI.
ISSN 0377-0427 (print), 1879-
1778 (electronic). URL [http:
//www.sciencedirect.com/
science/article/pii/S0377042708005657](http://www.sciencedirect.com/science/article/pii/S0377042708005657)■