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Title word cross-reference

$(1 + 1)$ [HGH19a]. $(1 + 2)$ [HGH19a]. $(2 + 1)$ [FMC15, MMIA19, OW18, ZH15a, ZW15b]. $(2R + 1)$ [SdR19]. $(3 + 1)$ [DT16, CL15b, LL18a, VK19, WTXZ16]. $(4, 6)$ [SZ19c]. $(d, 1)$ [DSZY19]. $(n + 1)$ [YJSW16]. (n, m) [MBW19]. $(n - 1)$ [HHZ18]. (P, Q) [DYW15, CZ16, KS18, MG17, MAK15a, MAK15b, MAK15c, MAK16, MNK19]. (q, h) [WDCJ19]. $(r, r - 1, r - 1)$ [ZZCY16]. (s, m) [DLY17b]. (x, u, v) [SMG19]. 0 [Cih15]. 1 [BAV18, Cih15, FK17, KNK15, LXPD15, OGC19, VG18]. $1 + \alpha$ [BMO15]. $1 + \sqrt{2}$ [RA15]. $1, 2$ [WX18]. $\{1, \alpha, 0\}$ [CCY19b]. $1/2$ [Fuk15d]. $1/\mathrm{coshn}(\alpha x + \beta t)$ [VDI17]. 2 [ADSS16, ABGL17, AV15, AO15c, BZ17, BFR18, BP17b, BS19b, CSV19, CLR16b, Che15e, CW17, CJ16, CVA18, DHX+19, DDD19, DA19, Dob19, LYDH18, LZL15b, LMMZ18, LLdM15, LLdM16, LA15, LT18b, MN17, MS15d, NKP16, NSM16, NB19b, ODP17, OA15, ÖK19, QY15, QFTT15, SZL+18, TX18, TSA15, WY17, WDG19b, XJW17, YFL16, ZWF15, ZLDZ16]. $2 + 1$ [ACE19b]. $2 + 1/2$ [JL15]. 2 1/2 [LL16c]. $\{2, 3\}$ [SKP16]. $\{2, 3\tilde{\}}$ [PS15a]. $\{2, 4\}$ [SKP16]. $\{2, 4\tilde{\}}$ [PS15a]. $2 - (v, k, 1)$ [LLL17a, LLL19b]. 21/2 [Zha16c]. $2^m p^n$ [YFH19]. $2N$ [HEA15a, HEA15b]. 2×2 [EEST16, HSSH18]. 3 [AV15, ATX19, BKW18, CWG15, CSV19, CDL18, DL16, Ers16b, GLW18, GT15b, JOÖ16, JDL15, Jin17, KCWK15, Kan16, LTY16, LMYW17, LZLG19, LTL16, LMMZ18, LDL15, MGK+16, MKN15b,

NKP16, ÖAD15, ÖÖAD15, Qia16a, RZH+19, RSC16, SA19, SuSR15, SKCS15, SH19, SDWG19, WL16c, WW18, Yan18a, YLL18, YZ17b, YB15, YL19c, ZWaY18]. $3D$ [GCM+18]. 3×3 [XLW15]. 4 [ACRZ18, LYW17, QY15, RS16a, RGH+15, SuSR15, SuSB15, WL18a, WD19, YCH19, ZT16a, ZH19b, ZLSX18]. $4-(v,k,3)$ [DL18a]. 5 [GLQ+18, GWX17, Han16]. 6 [LWZ15, RS15b]. 7 [Xu19d]. $[-1,1]$ [ZMQ16]. $[1,2]$ [CMSZ18]. $^+$ [MK15b]. ^{p} [DL17b]. $^{r\alpha}$ [CVMGPPGC15]. th [ZS16b]. $_2$ [ATK+16, KSKW+19]. $_3$ [ATK+16]. ${}_3F_2$ [SS15b]. $^+_4$ [HJ18]. $_n$ [GL18b]. $_x$ [MNYL18]. A [RSKB15, Wan17c, HM17]. $A-\phi$ [KCZK15]. A_α [CLWM19, LCM19]. AB [GL15b]. α [FPUK15, LT15, SPKC16, YwFW+19, YKLS19]. $AX=B$ [ZWLZ15]. $AXA^*=B$ [Liu15f]. $AXB+CYD=E$ [KM15b]. $AXB=C$ [LZZ+19, TTLX17]. $AXB=D$ [YZ15c]. B [BM15b, Han15a, KBS17, VK19, HM17, RDLG16]. $\bar{g}$ [Jan15]. β [DÇO15, GR17a]. C [GLS16, GLS19, LLL19a, WTD+19]. $C[a,b]$ [KM19]. C^* [MD15b]. C^0 [Pöt19]. C^1 [GK16b, NKP16, SA19]. C^2 [LLz18, SN15c, Zhu18]. $\mathcal{A}$ [RS17a]. $\mathcal{C}^0$ [ALP18]. $\mathcal{H}_2$ [GR19b]. $\mathcal{H}_\infty$ [GSPH19, LPJ18]. $\mathcal{L}_2$ [LDS+18]. $\mathcal{L}_\infty$ [LDS+18]. $CXC^* \geq D$ [Liu15f]. D [CGAL19, LDL15, ZZX18, BGMZ17, GFE19]. Δ [WA15a]. Δ_k [TQ18]. E [MK15a]. e_j [Bir15]. $\mathrm{Ed}(2)(Z)$ [SZ18a]. ℓ_2 [LSCK15]. ℓ_∞ [LSCK15]. ℓ_ρ^p [ZZ16b]. ϵ [GK16a, HTZY17, RR15, SM18]. η [FPUK15, HWZ17, Liu18c, RWH15]. F [Dan15a, CYZ17, CDK15]. $F_{c,2n}$ [DÖA15]. $F_p+uF_p+vF_p+uvF_p$ [ZK17]. $F_{s,2n}$ [DÖA15]. G [CLT18, Dan15a, RWY19, WY19, LHG18, WM18a]. G^3 [FKV16]. G_b [LZCW19]. γ [YL18]. $\mathrm{GM}(1,1)$ [WLFX15]. H [LGK15, WS16, ZGL15, ZVL19, MNNA15]. H^1 [HZLY17]. H^2 [JKK15]. H_1 [BS19b, ZZ15a, CH18b]. H_2/H_∞ [GSZ15]. H_∞ [CHL15, CLCW17, KPP17, LCY16, LSZY17, LSLZ18, LZ18c, LSZ+19b, LXTF18, LTZ+17, MFJZ15, MC15a, MJL16, QG16, RWW18, SMG19, SMZ+17, SLS+18, WWZD16, WRX+19, XXW+19, XZHX17, YKJY17, ZLDZ16, ZZL16a, ZSS16, ZML+17, ZJYD17, ZPM16, ZSL+18]. H_∞/l_2 [HXW+19b]. hp [Gia15a, Dol15]. I_2 [ZML+17]. I_∞ [ZML+17]. J [ZY19]. $j \geq 1$ [Bir15]. K [Her19, ZSA+15, AM18d, BGMO18, BS19c, CHL17, CLL17, GZhL+19, HLX17, HL18, HHT19, KS19a, LLW17, LZ18e, QGH19, RP18, RR18a, STS15, SRT18, SJL17, WGL18, YEMRV17, ZY18a, ZWL18, dFY15]. κ_3 [LW18b]. kp [ZZLY15]. L [Bab16, BB15a, DL17b, PS16, ZY18a]. $L(Z)=L[V(X+Z)]$ [Zha19c]. $L=(1/2)(-u'^2+u^2)+\epsilon^i G_i(u,u',u'')$ [JM18]. L^2 [SST18, YB15, ZL16a]. L^∞ [LZ17f]. L^p [APTS15, TY16]. $L^p(\mathbf{R}_+)$ [KAH15]. L_1 [CCQS16, ZZC16, LX16b, ZWY15b]. L_2 [BS19b, SZPH16, WR19]. L_{4n} [DÖA15]. L_∞ [SZPH16, TF18, HXW+19b, LX16b]. L_p [AK15a, YSD+17]. $L_q(q=1/2,1,2)$ [CC18a]. λ [AS19b, RM18b, SGG15a]. Λ^2 [BLS15]. $\lambda_1+\lambda_2 u+\lambda_3 v+\lambda_4 uv$ [ZK17]. λ_3 [LW18b]. $\lambda\mu$ [HQJ+15]. $\lfloor (n-3)/4 \rfloor$ [CL15a]. $\mathrm{Lip}(\omega(t),p)$ [Zha15d]. M [Gua19, HM15c, APK15, DPL+18b, Rom19, SA18b]. m^{th} [LKM17]. $\mathbf{H}_\infty$ [Kim19, YCX+19]. $\mathbf{R}^2$ [Vol15]. $\mathbf{R}^3$ [Hua15, Qia16b, Val15, ZZ15d]. $\mathbf{S}^3$ [AMN19]. $\mathbf{Z}^3\Delta$ [PBMP15]. $\mathbf{Z}_p$ [KKD15]. $\mathcal{C}^{(\infty)}$ [PBMP15]. $\mathcal{H}_\infty$ [CYSY16, SYZP16, SS15c, TPL16, XSSW19]. N [KKD17, LXPD15, LDL15, ARB19, CZ19, DLY+17a, HKM18, KLS15, LZH16, PP12, PP15b, San16, SV17b, XYDL16, ZYH15, ZWK16]. ω [SXS15, dSH15]. p [AS19b, BM19b, BC16, CHRD16, CCC19, FFT15, HLZ15, Jia15, KKD15, LJ15a, Lv18, ÖAD15, ÖÖAD15, XHW18, XHW15]. $p(\cdot)$

[GW16]. $p(x)$ [All18b]. p^5 [CC18c]. P_3 [ZTW19]. P_4 [BKKBS19, DVJ18, Yue16]. P_{4n} [DÖA15]. P_k [Tu17]. ϕ [GS11, JK15]. ψ [KCWK15]. PSL$(2, q)$ [DL18a]. Q [JFT17, YZYgG18, Acu15, AK16a, AFK15, ANT$^+$16, AHG15, BM15b, BA17, KIAG16, KTA15, KAG15, KM15c, Koc15, Sha15d, SIA15, TZ19b, Uça16]. Q_1 [AGZ15]. $q \in (1, 2)$ [Zha15f]. R [And18, BMRW19, Ili18, JXW15, JZ15a, LT19, MWL$^+$18, MC15b]. R^2 [ZL17b]. R^k [HTM18]. $R^p \times R^q$ [AOS19]. rd [WA15a]. $RL_\beta C_\alpha$ [JCW18]. S [DFP15, HPR16, SXS15, Yor15, ZLDZ17, dSH15]. σ [Rét19]. $\sum_{i=1}^{s} A_i X B_i + \sum_{j=1}^{t} C_j Y D_j = E$ [YZ15b]. Sz(q) [LLL19b]. T [BLM$^+$16, KCWK15, ZLDZ17, ZWD15, Har15]. θ [ARB19, HH18b, MDZ17, TRP15, ZCXX18]. $U(a, b, z)$ [GST15a]. $uu_{xx} = -2$ [Boy17]. φ [ZS15d]. W [Kyr15, Miy19, WMS17, LR19a]. $X + M(X) = C$ [LH19b]. $x_n = x_{n-1}y_{n-2}/(ay_{n-2} + by_{n-1})$ [SDIS15]. $X \pm A^* X^q A = Q$ [LWS15]. $y''' = f(x, y)$ [FT17]. $y^{(4)} = f(x, y)$ [FT16]. $y_n = y_{n-1}x_{n-2}/(cx_{n-2} + dx_{n-1})$ [SDIS15]. Z [KCSD$^+$18, Pos17]. Z_t [WDB18].

-adaptive [Dol15, Gia15a]. **-adic** [KKD15]. **-algebras** [MD15b]. **-algorithm** [GK16a]. **-analogue** [CZ16, MAK15a, MAK15b, MAK15c, MAK16]. **-anti-Hermitian** [Liu18c]. **-Appell** [KM15c]. **-arboricity** [HHZ18]. **-ary** [HM17]. **-asymptotically** [JK15, DFP15, HPR16, SXS15, dSH15]. **-axis** [Han16]. **-B-spline** [HQJ$^+$15]. **-basis** [Han15a]. **-Baskakov-Beta** [MG17]. **-Bell** [MC15b]. **-Bernstein** [BA17]. **-Boussinesq** [VK19]. **-Brownian** [WY19, RWY19]. **-Cayley** [HKM18]. **-circulant** [CZ19, JXW15, JZ15a]. **-class** [Zha15d]. **-colorable** [ZLSX18]. **-coloring** [CYZ17]. **-compact** [WR19]. **-complex** [ZSA$^+$15]. **-connected** [Dob19, SJL17, TX18, ZWL18]. **-connection** [LLW17]. **-connectivity** [GLW18, LTY16, LMYW17, LW18b, LZLG19, ZH19b]. **-constacyclic** [ZK17]. **-continuous** [BM15b]. **-convergence** [LJ15a, ZZX18]. **-convex** [DLY17b, MNNA15]. **-critical** [YL18]. **-cycles** [San16, Xu19d]. **-cyclic** [WTD$^+$19, SdR19]. **-cytokine-host** [HJ18]. **-D** [DHX$^+$19, WL18a, Che15e, FK17, LZL15b, LDL15, WD19, ZT16a]. **-dependent** [SMG19]. **-designs** [YFL16]. **-determinantal** [GLS16]. **-difference** [AK16a]. **-Dimensional** [YJSW16, ARB19, BGMZ17, CL15b, DPL$^+$18b, FMC15, HGH19a, KLS15, LL18a, MMIA19, OW18, SV17b, VK19, WTXZ16, YCH19, ZH15a, ZW15b]. **-distance** [LR19a]. **-divergence** [CDK15]. **-domination** [CMSZ18]. **-Drazin** [CLT18]. **-dynamic** [WA15a]. **-eigenvalue** [YZYgG18]. **-eigenvalues** [LLL19a, WDB18]. **-error** [LZ17f]. **-extendible** [DVJ18]. **-extra** [WM18a]. **-Favard** [KTA15]. **-finite** [Su19]. **-fold** [APK15]. **-fractional** [AS19b, Koc15, STS15, TZ19b, WDCJ19]. **-fullerenes** [SZ19c]. **-gain** [LX16b, ZZC16]. **-Galerkin** [CH18b, HZLY17]. **-generalized** [SGG15a]. **-good** [LHG18, LT19]. **-good-neighbor** [WY17, WX18]. **-graphs** [MBW19]. **-Hamiltonian** [ZY19]. **-Hamiltonian/skew-Hamiltonian** [ZY19]. **-Hermicity** [HWZ17, RWH15]. **-index** [Rét19, YKLS19]. **-infinity** [LGK15]. **-integers** [Acu15, AFK15, BM15b, KS18, KAG15, SIA15]. **-integral** [Jan15]. **-integro-difference** [ANT$^+$16]. **-inverses** [PS15a, SKP16]. **-labeling** [GZhL$^+$19]. **-Laplacian** [FFT15, HLZ15, All18b, CHRD16, CCC19, GW16, Jia15, Lv18, XHW18]. **-lattices** [AHG15]. **-Lupas** [Sha15d]. **-main** [JFT17]. **-matrices** [WS16, ZVL19]. **-matrix** [Gua19, ZGL15]. **-meshes** [BLM$^+$16]. **-method** [MDZ17, TRP15, ZCXX18].

-metric [RDLG16, YEMRV17, LZCW19]. **-Milstein** [ARB19]. **-minimization** [ZWY15b]. **-modes** [CHL17]. **-mono-components** [HTZY17]. **-monotone** [FPUK15]. **-nonexpansive** [SPKC16]. **-nonnesting** [Yan18a]. **-norm** [TY16, YSD+17]. **-number** [KCSD+18]. **-numerical** [GLS19]. **-optimal** [GR19b]. **-order** [BMO15, SMM18, ZZCY16]. **-orthogonal** [AHG15, SST18]. **-out-of-** [LXPD15]. **-outer** [DYW15]. **-partiteness** [HLX17, HHT19]. **-path** [GFE19, LZ18e, RZH+19]. **-paths** [San16]. **-periodic** [dSH15]. **-permutation** [Yor15]. **-person** [DLY+17a]. **-piecewise** [WA15a]. **-planar** [OGC19]. **-point** [ACRZ18, HM17, RS15b, RS16a, SuSR15, SuSB15]. **-policy** [ZWD15]. **-polytopes** [Cih15]. **-positive** [SXS15]. **-proper** [CLL17]. **-QG** [GR17a]. **-quadrilateral** [HL18]. **-quasiconformal** [SA18b]. **-rainbow** [BS19c, SRT18]. **-rank** [ZYH15]. **-reducible** [Yue16]. **-refinable** [Rom19]. **-regular** [GWX17, Jin17, LYW17]. **-restricted** [BGMO18, BM19b]. **-Ritz** [ZZLY15]. **-section** [PP12, PP15b]. **-series** [BB15a]. **-setting** [Pöt19]. **-space** [GT15b]. **-spaces** [Bab16]. **-sparse** [DVJ18, Yue16]. **-species** [XYDL16]. **-spectral** [CLWM19, LCM19]. **-splines** [PS16]. **-splitting** [HM15c]. **-stabilization** [CGAL19]. **-stable** [RSKB15, RS17a, Wan17c]. **-starlike** [Uça16]. **-step** [RP18, RR18a]. **-Stirling** [BMRW19]. **-strongly** [GS11, ZS15d]. **-subtree** [YwFW+19]. **-summability** [KBS17]. **-super** [MK15a]. **-symmetries** [RM18b]. **-Szász** [MNK19]. **-tidy** [BKKBS19]. **-total** [DSZY19]. **-transform** [Pos17]. **-tree** [QGH19, ZY18a]. **-trees** [ATX19]. **-triangle** [HL18, WGL18]. **-tridiagonal** [dFY15]. **-type** [VK19]. **-uniform** [GLQ+18, SM18]. **-valent** [AS19b]. **-values** [Har15]. **-vector** [AM18d]. **-vertex** [KS19a]. **-vertex-connectedness** [HTM18]. **-Weighted** [BLS15, Kyr15, WMS17]. **-Wright** [BC16].

/passive [SS15c].

1 [Amm15, KGGAV+18, Boy15, FQMR19, LXT17, SJ19b, WGLZ16, YLW16, ZWD15]. **101** [EL19a]. **149** [Sab18]. **155876** [SPGP18]. **191408** [SPGP18].

2-extra [WY17]. **2009** [LLL16a]. **2014** [TT16, ZS16b]. **219** [Pan15, PP15b, Tom15]. **232** [AZ19, EH15]. **233** [Rho19]. **236** [ZZ15c]. **246** [PK18a]. **261** [Pon17]. **264** [MAK15a]. **265** [Bag19, DN16]. **266** [MAK16, VK17a]. **268** [YLWF16]. **291** [WL18a].

305 [LLZD18a]. **333** [SN18a]. **334** [FMB+19]. **346** [ZL19b]. **362** [RRR20].

4th [CN16a].

5- [YL18].

60 [SPGP18]. **601** [DN16].

9 [ZS16b].

Abaffian [AP18b]. **abatement** [ZWY19]. **ABC** [Ers16a, DU18, LCW+18, SWG+17, WZ19]. **ABC-flow** [DU18]. **ABC-minimal** [WZ19]. **Abel** [BS15c, De 17, SAC18]. **Abel-type** [BS15c]. **abelian** [ML17, ACKS16]. **ability** [LZ17d, ŚKK+18]. **above** [LCOS19]. **ABS** [AP18b]. **ABS-type** [AP18b]. **Absolute** [Bor15a, ZZC16, EHS17, GLL15a, KM17b, MYH15, MKN+15a, Zha15b, ZG15a]. **absolutely** [WZWJ18]. **Absorbing** [RMD18]. **Absorbing/emitting** [RMD18]. **absorption** [ZJZ15, ZMH18]. **abstract** [HO15, HPR16, MD18c, WLZW15, dSH15]. **Accelerated**

[DFSC15, Pet15b, Bor19, KDS16, LM19, LMMR15, PV16, UHLM15, ZM18b]. **Accelerating** [LCZ19, XY18]. **acceleration** [HP15c, Pon17, PP18a, RRR19, RRR20, SSG15b, VS19]. **accelerators** [SLTH15]. **acceptance** [XYZK15]. **access** [HHR17]. **according** [GN19a]. **account** [SWSS18]. **accounts** [FHM16]. **accretion** [GZG+15]. **Accretive** [TÖGE18, CS15b, GS11, KT16, ZS15d]. **accumulation** [WLFX15]. **accuracy** [AKL19, AAC16, AP15, JSM16, LW15b, MDH15, MK16, NRY16, PZ17, RAV15, YCZ19, ZZM18]. **Accurate** [DP15b, DP17, DBJC17, JGBY16, Lam15, SS18c, YDWZ19, FK17, FG18, Gra18, GR15b, KSZ15, LYDH18, MSL15, PVL19, SM19, XH19b, ZYY17, ZCU15]. **Achieving** [XY17]. **acknowledgments** [AM19]. **acoustic** [AAC16, CDP19, LLX18a, LYDH18, Mis15, PFH+15, QA19, RL19, Wan16b]. **acoustically** [KDS16]. **across** [How15a]. **acting** [ZL19a, ZL19b]. **action** [Ace19a, Cha19, Kri19b, Lu16]. **Activation** [SRJ+15, CCH15, NLC19, TLX19]. **activations** [PRC+19]. **active** [ABD16, BFJ+17, BL15, CK17, DG15a, GMPP18, MGPL15]. **actuated** [DMA+19]. **actuator** [FM16, KLKU18, KRA+18b, MFJZ15, MJL16, QG16, QKGW18, SKKL17, SJWK18, TFLZ19, WWHZ18, ZPZ+19, ZW19b]. **actuators** [LLZ17]. **Acyclic** [CR19b, Yue16]. **acyclically** [ZLSX18]. **Adamchik** [You15]. **Adams** [ZJJ18, WNMC15, YR15]. **adaptation** [OA18, RAV15, RDG18]. **adapted** [FKR15, GVA16, ATV16]. **Adaptive** [ARS15, BCNN19, BS15a, Bor19, CLPY18, DR19, Gia15a, HR18, LY15d, LABK15, LK18, zMnZyZ15, ODP17, SGY+15, TDL+17, XD19, XCDZ19, YSWZ17, YWH15, ZDPZ15, ZW19b, AHK+19, BB15b, BBGR15, BDH16, CC18a, DZD+16, Dol15, FY19, GHL19, GSD16, GYZC15, GHZ19, JM15, KC19, KLKU18, KKS+16, KMP15, LS17a, LLCR15, LLC18, LZjy18, LSX19, LMZ+19, LGL19c, MRQZ19, NB15, QFTT15, Raz15, SGKR19, TVK+16, TFLZ19, WZF+19, WWHZ18, XZLZ17, XZLL17, YBZ18, YNMW16, ZWF15, ZZL16a, ZLM+18, ZWY+15a, ZYLY17, ZSXW18, ZWO+19, ZQG16]. **adaptive-feedback** [LLCR15]. **adaptive-gridding** [GYZC15]. **Adaptively** [BJM16]. **adaptivity** [Cha19, KMP15]. **adding** [TSA15]. **addition** [Far18b]. **additional** [LJHA18, Sah15, SSB15a]. **additive** [BCO15, DJ15, HMD19, LZH+18, LT18a, SM15b, SSZ+18, SZ15, TM19, Vis15, XCCL18, YYP18, ZGL15]. **Adequate** [DGL+15]. **ADI** [BTWY15, CDL19, DL18b, LZ17a, QXW19, WW18]. **adic** [KKD15]. **adjacency** [DGF17, TS18, XLYZ19]. **Adjacent** [Khl18]. **Adjoint** [DKL15, QFTT15, Lia15b, Liu15g, YMeFG19]. **Adjoint-based** [DKL15, Lia15b]. **adjointness** [TBG16]. **adjusted** [YJYH15]. **adjustment** [ASV17, LSX19, YLH+19]. **ADM** [KS16b]. **Admissibility** [GHQ17, FLL15, PLL16]. **admission** [SJ19a]. **admit** [CN19a]. **admitted** [ASM16, JM18]. **admitting** [LLL19b]. **ADMM** [Gon18]. **ADP** [CXW+19]. **advanced** [ABLZ15, CDJ19, ZS15b]. **Advances** [DGRR16, SGGD+18, Far16, Zho15c]. **advantageous** [CFdCdS18]. **advection** [ADG16, BKW18, BKLW15, CL19a, CGW16, DBK15, DN15c, FM18, GPHAPRW16, HGH19a, HP17, HV19b, KD16, LL15e, LRL18, QG19, VD16, WA18, Zha18b, ZBH+15, ZZL16b]. **advection-diffusion** [ADG16, DBK15, KD16]. **advection-diffusion-reaction** [BKW18, LRL18, WA18]. **advection-dispersion** [Zha18b, ZBH+15].

advection-dominated [CGW16]. **adversary** [DLCV17]. **adverse** [XP17]. **advertising** [MZ15, WWZ19]. **advice** [GOH18]. **AE** [HP15b, Pop17]. **AE-solution** [HP15b, Pop17]. **Aedes** [ZGH16]. **aegypti** [ZGH16]. **aerated** [KKM15]. **aerodynamics** [ALDHA+17]. **aeroelastic** [Ber15, Ili19b, Ili19a, SH15d]. **aerospace** [TT16]. **affect** [Kur19, Tan17b]. **affine** [BC16, Fio15, Zha15i, ZLZW15, ZSZW16, ZYZ+16a]. **Africa** [DCK+18]. **AFT** [PW19b]. **aftershocks** [CVJ19]. **against** [SJWK18, SWA+19]. **age** [AA16, CMW17, FLMC15, FG15, KLZ19, LKZ18, LYZ19, MDZ15, PYZS18, TRP15, TMPG17, Ter15, WWK19, XGZ17, YW19a, ZG18, ZYZ15]. **age-dependent** [KLZ19, LKZ18, MDZ15, PYZS18, TRP15, TMPG17]. **age-structure** [ZYZ15]. **age-structured** [AA16, CMW17, FG15, LYZ19, WWK19, XGZ17, YW19a, ZG18]. **agent** [CLZW19, FW18a, GSD16, HWY15a, HW17b, HCY+18, LL15b, LZjy18, LS19c, LSL19b, LGHW19, MM15b, Ma17b, MGCAPP16, SM17, SSCX18, SMG19, SY18a, SWZL19, TFLZ19, WS19a, WXXY19, XH16, YJMH18, ZLM+18, ZJ15b, ZYLY17, ZJYD17, ZSL+18]. **agents** [AJ15, hCWW+15, Lu19, WYW16]. **agglomeration** [LLMS16]. **aggregate** [AGM16, TDA17]. **aggregation** [LMF17, MPLS19]. **AGM** [ANGC17]. **Agros2D** [NKKS16]. **ahead** [Lah18]. **AHP** [KWGRP16]. **AHSS** [ZM16]. **aimed** [RM16]. **AINV** [RBB19]. **air** [DMSS18, FCW+17, FVMO15, GSDH15, RSLL+19, SWSS18, ZHWW15]. **air-filled** [GSDH15]. **airfoil** [SH15d]. **Airy** [BCD+19]. **Aitken** [PC16, YKZ15]. **Al** [ATK+16]. **ALE** [JOÖ16, GS17a]. **ALE-SUPG** [GS17a]. **algebra** [SSA19, VD15]. **Algebraic** [ABGL17, BN15, FFN18, ZJJ15, AAH19, BM15a, BBF+18, CD15b, DLQ17, FMB+18, FMB+19, FNS19, Gua19, HW17a, KDS16, QTF+16, QYF+18, SR19, WSZ18]. **algebras** [ASM16, AADMM16, BCSG18, FFN18, HS17, MD15b, RMSD16]. **Algorithm** [BKZA18, CYCW15, EH15, EL19a, LYW18, AT15a, ATV18, ALMCDH+18, ASA19, AADLF15, AIG17, ACC15, Arà16, ACC16, AF15, Bas19, Bog18, Boi15, BFJ+17, BPR18, CHL17, CC18a, CJ15, CCX15, CKW15, CB17, CLT+15, CPS18, De 17, DP15b, DCS15, DNC+17, DBJC17, DZY+18, EH14, EL19b, EL19c, FWLC15, FLCSV18, fGlHyL+15, wG15a, Gar16b, GK16a, Gol15, Gra18, GOA19, HSAR19, HMF15, Her19, HP15c, HGM15a, HM18a, HCY15, HTZY17, HM18b, Hua18, Ili19a, IKHS16, JPTL15, JLL15b, JLX15b, KSK+15, KTD15, KSS19, KLZT15, LHJ15, LQZ+18, LLz18, LY18a, LCZ19, LH19a, LABK15, Lin15, LS15b, LF15, LWWW15, Liu15b, LWSM16, LG19, LDL15, MZP15, MH19a, MBHS18, MFF15, MN15, MPLS19, Naa15, NSR+19, OW18, PKHD18, PZ16a, QTF+16, RCTZ18, SSK+19, Sch16, SNAR15, SBG+17, SRH15, SY18a, SKBR18, SDK15, SKCS15, SZRC15, TD18]. **algorithm** [TSJ16, TTD18, Tsy19, Tu17, UHN+18, WW16a, WZL15, WXW18, WEH18, WYL+19b, WLZ19b, WF15c, Wu17, WLFH17, Xu15b, XLW16, YWS18, YLX18, YZ19, YZMM15, Zad16, ZBKS16, ZN15, ZYY17, ZLZ+19, ZTW19, Zha15i, ZCL18, ZSZW16, ZYZ+16a, ZXDP18, Zhu15, ZWY15b, ZK18, ATV16, GGAVGGRC15]. **Algorithmic** [Shi15b]. **Algorithms** [BKS18, Alz15, ASZD18, ABB+18, BLP17, CLY17, DZW15, DG18b, lDqCWzH18, FPKF15, GdS18, GMPP18, GJP18, Guo16, HW17a, HS15c, HM15b, cJzS15, KZZ15, KM18b, LYW17, LM18, LH19b, LWS18, LP15c, MMG15, MM18b, MMB15, PG15b, PS15c, PL15d, QW19, QLZ15, RZH+19, SA16a, SIA+17, SD17, WDLS18, WL17, WSZ18, XS15, YJW16, ZM18b, ZS19b, ZLZW15]. **alighting** [YYX+19]. **Allee** [MMS17a, PZ16b]. **Allen**

[LL19a, LG17, VD15]. **allocation** [DCK+18, GKDHR19, KPLC15, LJ17, SSS15, WHC18, YZ15a]. **allowable** [JYVS15]. **Almost** [APS16, LZ15b, LDH18, XZCC15, XDH19, APL15, Bor15a, CZP15, DZ16, LZ19c, MZM15, MO16, RN19, WA15a, ZZ15b]. **alone** [FFH+18]. **along** [KHN19, SBH17, TÖGE18, WLQ+19, ZCPM17]. **Alsaedi** [PK18a]. **alternately** [Gua19]. **Alternating** [KM15b, MN17, SPW15, GLL15b, HW19, HH17, LYXL15, LDL15, MNNP19, WY17, YLCF17, ZM16]. **alternative** [Liu17a, MYHS18, PMC16]. **aluminium** [NDZ15]. **always** [SSGG17]. **ambient** [SNS+16]. **Ambrosetti** [GS15b]. **AMC** [EH15]. **American** [LLZD18a, ASV17, CW17, LD17, LW15a, MBHS18, RPB15]. **American-style** [LLZD18a, LD17]. **AMF** [GPHAPRW16]. **AMF-W-methods** [GPHAPRW16]. **Amin** [WL18a]. **among** [LSX19, LP16a, Par18b, SdA18]. **Ampère** [MG15]. **amplification** [DZ17a]. **amplifier** [SRH15]. **Amplitude** [NC16]. **Amplitude-frequency** [NC16]. **Analog** [SMM18, TD18]. **analogue** [CZ16, MAK15a, MAK15b, MAK15c, MAK16]. **analogues** [TCY15, WYL19a]. **analyses** [LCL17a, LX19b, LL19b, NMNTBXVD15]. **Analysis** [ABD16, BMDS17, BM18b, Chy16, DU18, DLCT18, EFPT18, FQMR19, GAB17, HMT15a, JCW18, JT16, KKD17, KSS19, KG17, LW15b, LD19a, LZL+19b, LZ17c, LSZF18, LYXL15, LZ15d, LDD15, Liu15d, MMS18, MGN18, MPHG15, NSM16, QA19, SPG17, SSM17, STK15, TVK+16, TLHC17, Vid18, Vil16, WWK19, Wei17, YWL18, YMMH15, YLL+16, ZS16b, ZPT+15, AR16a, ARB19, AM15b, ADSS16, AB15b, ACDT18, Amm15, AHY19, AB18, AAH19, AADF18, Bag19, BMM19, Ber15, BMT19, BF15, BRV18, Boy15, BCD+19, BE17, CSZ15, CWFL15, CKW15, Che15e, CD16a, CS18, CS15a, CN15b, CN16a, CNK+18, CLP+18, CDFP17, CGMT16, Cui15, CnTVsL18, DDY15, DWRZ17, DN15b, DN16, DA17, DW17, DRS16, DV15, DHS19, DL15a, DNC+17, DFJ16, DOZ18, DBJC17, DMSS18, EAY17, Elm15, EYE18, EGB15, ES17b, EHVV15, FLL15, FM17b, FMRRT15]. **analysis** [GS15a, GHQ17, GhDwZS17, GSDH15, GK15, GZW15, GZLL17, GYC19, GSV18b, GSVK17, HN14, HL15a, HSS15, HTZY17, Hua18, Ino16, JDL15, JSW+18, JPZ+19, KCSD+18, KLZ19, KM15a, KLW15, Kim15b, Kim15a, KSL19, KSN15, KZ19, KVS15, KKM15, Kri19b, Kun16, KKG18, Lah18, LLC+15, LAVME18, LK15, LL15d, LCW15, LJ15a, LC16a, LX16b, LWL+18, LQC+18, LJYH19, LXD19, LZ19a, LHHS16, LdCC15, LLZ+16, LZG16, LYZL18, LXZ19b, LXZL19, LCW19b, LFC+19, LLX+19, LWZZ18, LZH+18, LJHW19, LJ15b, LCLZ19, fLLPY16, MHN15, MWWM15, MWLL17, MA15b, MS17b, MPW15, MSM15, MPPP19, MW18, zMnZyZ15, MLG18, MWY15, MKMC15, MR16a, MB17, MFMK17, MK15b, NR16, NM19, Nas19, NS15b, NLC19, NKKS16, NS17b, NN19, Oka18b, PAM19, PTA16, PZJ17, PL15c, PD15, PBB18, Pon18, PRMC19, PRC+19, PP18b, Rad15, RZSS15, RzS15, RWY19, RSAF16]. **analysis** [RL15, RHJ18, RM19b, RC17b, SJD+18, SFLM19, SM15b, SRJ+15, SA16b, SSS17, SBG+17, SY15a, SSA18, SAES19, SLW16a, SW17b, SW17a, SY18b, SY19, SRS17, Ste19, SRBA15, SZT17, SW17c, SC17, SCM19, TLX19, TXG15, TXL19, TMM18, TB15, TZD+19, VLCT18, VVD15, Wan17a, WXY15, WPL15, WA15a, WSZ16, WMZ16, WK16b, WYCZ17, WL18a, WCH19, WSC19, WWZ19, WSXR19, WCB19, WWC+18, WZY+19, XZ19, XW19, Xu15a, XCL18, Xu19b, XS19b, YWL15, YLHS17, YZ18b, YWYS18, YYM19, YLL15, Yil16, YmZHC15, YZ16, YCLS19, ZZZ15a, ZP16,

ZT16a, ZLHH15, ZLW19, ZLDZ17, ZL15a, ZLJ15, ZLWW15, ZZLY15, ZZC16, ZZZ16, ZHJ+17, ZSZ17, ZYC18, ZG18, ZW18, ZWBC18, ZC19b, ZWY19, ZHX+17, ZGZ16, ZYZW16, dDSI19, dFGAN18, uRAD19]. **Analytic** [ABN+17, LZ19f, LZWZ19, RLH15, RC17b, ZYJ15, AZAM15, CNQRR18, DCT19, ERFE16, FÖB19, GGL15, GA15, HZ17b, KMP19, KMT16, MF17, MFOP17, Mil16, RS15a, SGG15b, VK19, ZSY15]. **Analytical** [HG18, KZ15, KR16, LRF+18, MDH16, SSB18, SG18, WWZ19, YRA15, ZBR15, ZLLA19, ZS17, Ber15, CM18, EYE18, GHN+16, HN14, KZA19, KD18, KJ15b, Kor18, LHHS16, MWH+18, NN19, RSO+18, SHA15a, VDV15]. **analyticity** [ARSV15]. **analyzer** [CMW15]. **Analyzing** [FSW16, LLMW18, LLMS16, RG15, SA16b, SLL+16, WQ15]. **anchor** [STK15]. **anew** [ZLDZ17]. **ANFIS** [SJ19a]. **Angkor** [PG15a]. **angle** [BCK15, HV19a, MZP15, MRF18]. **angle-ply** [MRF18]. **Anisotropic** [Dol15, BE19, BMM19, cCpSkZ15, GB19, LRL18, NM19, Por18, SS18c, SZL+18, SMR15, Sin17, YW19b, ZQG16]. **annealing** [Mat15, Pal15, PTO19, RRTR15]. **annuli** [FW18b]. **annulus** [GA15, LLdM16, Mah15, NKNA16]. **anomalous** [PeO18]. **Anopheles** [SWA+19, MTMB17]. **ansätz** [ND15]. **Ant** [DCA15, GWC+16, SZRC15, WW15]. **Anti** [GZhL+19, Jin17, AM15b, BPC15, DMR15, DZ17b, HGM15b, Liu18c, SAM+16]. **Anti-** [GZhL+19]. **anti-bisymmetric** [HGM15b]. **Anti-Ramsey** [Jin17]. **anti-reflective** [DMR15]. **anti-symmetric** [AM15b]. **anti-synchronization** [BPC15, DZ17b, SAM+16]. **antibiotics** [WLG17]. **anticipated** [DWS19]. **anticipation** [RHJ18]. **antiferromagnetic** [KSD+15]. **antigen** [PRMC19]. **antigen-driven** [PRMC19]. **Antimagic** [LMS19, YHY+18]. **antimaximum** [CCC19]. **antiperiodic** [ALP15]. **antiretroviral** [MK15b, XGZ17]. **antisymmetric** [MRF18]. **any** [GG19b, LZS15]. **AOR** [HXLC15]. **aperiodically** [LCLZ19]. **APFs** [BL15]. **Apostol** [BN15, HASA15, Luo15]. **apparent** [BKZA18]. **Appell** [KM15c]. **Appl** [MAK15a, MAK16, Sab18, Tom15, VK17a, WL18a]. **applicability** [AM15e, AM17]. **Application** [AKAA15, AQ15, CLR15, Fio16, HSAR19, LGO17, MH16b, PZJ17, SPS18, Sow18, USCAAA15, ZKV+15, ATV19, Alf17, ÁL15a, AV18, AY16b, Ata16, BKW18, BS15b, Bot15, CH18a, CP15a, CCD18, CWL19, CCL+16, EFPT18, HRS15, HQJ+15, HYL+19b, JGBY16, KS16b, LLL16a, LW18c, LABK15, LX19d, MPR+17, NKS18, PSP17, PCA16, QZL18b, RDLG16, RSLL+19, SRSZ15, SZ19a, SRH15, SGFCRM+18, Suk19, SD19c, TD18, TB15, Vol15, WQK15, WDG19a, WLZ15, WE19, WWMX16, WZ18b, XS19a, XCCL18, ZZ17a, ZMA+18, ZLD18, ZL19a, ZL19b, dSH17, CDP19]. **Applications** [AK18b, Awa15, EHdLS16, AED15, AHG15, ALQ15, AHP19, AL15b, AVC+19, ACSS15, BB15a, BLK19, BMRW19, BM19d, Bou18, CDK15, CC15, CJ17b, CKSV19, CT17b, DP15a, DOR18, DD19, Dok18, DBJC17, EAAAS15, EJF16, EYE18, ES16, GT15a, GLL15a, GHL19, Gav15, GE16, GDF+17, HWZ17, HZL18, HL18, JS15, JDS18, KBS17, KM19, KOR19, KKT19, KZ19, KSP16, Kun16, LLO16, LH17b, LW19c, LZCW19, LAAZH19, LWWW15, Liu16b, LZZT18, LB19, LHX15, LYY15, MZ15, MS19b, MSS15, MNNP19, Mor17, NA19, NKKS16, OB18, PCW15, PPV15, Pon18, Pro16, QZ15a, RZD+19, Reh18, SSK+19, SA19, SWY18, SY18c, SI15, TBSR16, TZH15, VRC15, VDV15, Wan15e, WA15a, WGL18, WZ18a, XH19b, YC15, YZ17a, YP18, ZA16, ZWLZ15,

ZWD15, Zha16d, Zha18a, ZCPM17].
Applied
[AZ19, Bag19, DN16, DSDL19, EL19a, FMB+19, LLZD18a, Pan15, PK18a, PP15b, Pon17, Rho19, SN18a, YLWF16, ZZ15c, ZL19b, AHLR19, BBG19, BST18, FCW+17, Flo18, GMPP18, HP17, KC19, LYXL15, Mis16, RRR19, RRR20, WZZ18, Ano19w].
Applying [CCNQ19, MH15a]. **apprehend** [NSN+18]. **approach**
[ABMBR15, ABGS15, AM15a, ARB16, ARS15, BD18, BS19a, Bor19, BPZB18, BS15c, CCTV15, CCGP16, CLR15, CPP15, DP15a, DKN16, DK15c, DLjZ18, DBK15, Du17a, Elm15, EGH+19, ET15, FMB+18, FMB+19, Fio16, FY18, FGPR18, GW15c, GWSC16, GGMPC15, GDS16, GIS15, GMPP18, GCM+18, GWXZ18, GG15c, HN14, HAH19, HST17, HXS+16, HXM18, HDG15, HI15b, Ili19b, IS16, JNGB18, KBR15, KKKD18, KLW15, KR15, KK15a, KJ15b, KCL19, KEE17, KVS15, KKG18, KAS16, Lac15, LLP17, LZL15a, LGO17, LW15a, LZZL15, LL15b, LSZ+19b, LTQF19, LW19b, LGC19b, LP15b, LHZM19, LWY+19, LMMR15, LZ19g, MZM16, MRC+18, MP19a, MH17c, MWH+18, NC16, NJM+18, NY15, NN19, OLZ19, OA18, PS18a, PWFY18, PMC15, PMC16, PZLZ15, Pon17, RRRR16, RXQ19, RRV15, RM16, SWUE19, SH15b, SJ19b, SRJ+15, SSA19, SYZP16, SY17a, SS19b, Shi15b, SSG15b].
approach [SPS16, TZTG17, TT18, TH19, UKE15, UMF19, UGY16, Van15, WZYS15, WDZ17, WJZF19, WX16, WMSP19, XJW17, XYG+18, YWL15, YMS16, YWS+19, YAIN17, YMeFG19, Yüz18, ZZLZ17, ZLDZ17, ZHJ+17, ZHWW17, ZCAN19, ZCW+19b, ZDZ15, ZWL16, ZHX+17, ddGL15]. **approaches** [AKL19, AELH15, BR16a, CLXW17, JT17, NJTP19, PL15d, Sah19b, WR15, ZPRZ18].
Approximate [AS15, BT15a, CGM16, EM15, GZK16, HKL15, JM18, KCK16, LLB16, SHA15a, Sin18, Wan15c, YL17, YW16, Bag19, BS17, BKLW15, CCZ15, Deh16, EGB15, Fan15a, GGL15, LW18c, Mah18b, Reu15, RM19a, SHEBS19].
approximately [KRS18]. **approximates** [Kor18]. **Approximating**
[BM15b, CRCVMS18, CB17, GZK16, Mah18b, TST16, VLCT18].
Approximation
[Ade19, AIK15, AM16, BZ17, CST18, CCH15, DPD18, DMH19, GA15, GO15a, GM15b, GAS17, Hus19, KT16, MG17, MSH15, PN15b, RZH+19, Tha15, TTP19, AQ18, Agr15, AD16, AK15a, ARGF15, ABB+18, BA17, BH17, Bor15b, CY15a, CC18b, CVA18, DHQ19, DA17, Du15, EB16, FP18a, FA18, FY18, Fuk15c, Fuk15d, Fuk15b, Gat18a, GSV17, GDS16, GIT15, HZ17a, HGM15b, HLJ18, IZ16, IAW18, Jeo16, JCW+15, KBS17, KMP19, KS18, KMT16, Kri19a, KK17, KS19c, LS17a, LCW15, LH17c, MS19a, Mah17, MRE18, Mal15, MRS18, MP19b, Mil16, MS16b, MMS17b, MDG18, MO15b, MAK15a, MAK15c, MNK19, Mus18, Oka18a, OA15, PZJ17, Pis18, PIP19, PV19, Prz15, QM15a, RV16, Rub19, Seg15, SN18c, Suk19, SH18b, TMS15, UDA15, WLLL15, Yua15, ZYH15, Zha15d, ZS16c].
approximation [ZZY18, ZLD18, ZZS+19, ZZC19a, ZEW19, ZH16, Zil15].
Approximations [PKB15, Rem18, ALL18a, AL18c, Bea19, DQH18, KH17, LLC19, LSM15, NH17, NMM16, Nis15, RG18a, San16, SE18, TTD17, TF18].
Approximative [Mig15]. **apps** [DLCV17].
aquifer [LCW19b]. **arbitrage** [Cim18].
arbitrage-free [Cim18]. **arbitrarily** [JA17, Neu16]. **arbitrary**
[ABC+16, DEdlT17, GO15a, Gar16a, HAC18, JOÖ16, PMC16, SST18, XZW+15, ZXDP18, dlRGB16]. **arboricity**
[HHZ18, Xu19d]. **arc** [BGMO18, CC18c, FHK+19, LLL18a, Val18, YFH19].
arc-transitive [FHK+19, LLL18a, YFH19].

arched [ANGC17]. **architecture** [GWK15, KC18c, Xu19e, ZZMS19]. **area** [Chi15, DD19, YYX+19]. **areas** [BCT15]. **argument** [IT15, Mus18, PKB15, SS15b]. **arguments** [Can15, CÖ15, Gao17a, GST15a, JLX15a, LLW19, YSL19, ZS15b, ZYZW16]. **arisen** [AAMC19]. **arises** [Cov19, ID19]. **arising** [AM15a, AAA16, CM17a, CLP+18, DBV18, DWTT17, HN14, HRS15, KM17a, LWZ19a, LZL19a, LBB18, MG15, MT15, NN19, ÖK19, SH15a, Sah19b, WLZ19a, Zha18e]. **arithmetic** [FTF16, GFWH17, GJP18, HHZ15, MMM18, RS16b, SG19a]. **ARMA** [lZA+19]. **Arnold** [Ers16a]. **Arnoldi** [DMR15, LG19, YZ19]. **arrangement** [YSZ19]. **array** [IMTJ19, MSdC+18]. **Arrhenius** [MP18]. **arrival** [Upa16]. **arrivals** [CSA18]. **Arrow** [YJK19]. **arrowhead** [SKK19]. **Arsham** [wG15a]. **arterial** [MSM15, PP18a, RRR19, RRR20, SCZ+17]. **artery** [BG18, JV18, MGN18, Pon17, SSG15b]. **article** [Ano19w]. **Artificial** [EM16, fGlHyL+15, wG15a, JNGB18, KSP16, KPLC15, MHZC15, PAE+17, ZCW+19b]. **artificial-free** [wG15a]. **ary** [HM17]. **Asad** [PK18a]. **ascent** [Yan18a]. **Asian** [AM15d, CXL15, CDL15]. **Aspects** [Mah19, Alf17, BPR18, HP15c, KCK19, NBAGS19, Sch16, TQC15]. **Aspiration** [LSLL19, Pla15, Du19]. **Aspiration-based** [Pla15]. **aspirations** [LJR19]. **assembly** [AV15]. **Assessing** [Bhu15, SG19b, XSS+17]. **Assessment** [Ery15, RDG18, Zei16, BBGR15, JV18, MTCV+16, NKL15, PK15, PSP17, SG17]. **asset** [CW17]. **assigning** [JLL16]. **assignment** [LY16b, RKQ19, XY15b]. **assimilation** [GCM+18]. **associate** [BR16a]. **associated** [Agr15, AIIK15, AHM16, CE15, Che15a, Che15b, Che16a, DDSL15, DSDL19, DD16b, GR15b, HHZ15, KKD15, LZ15a, LLJ19, MYH15, Mor17, Ras15, SZ18a, SGG15a, SKA16, USCA15, ZW15b]. **association** [AGC19, KPLC15, SA18b]. **associative** [RMB15]. **assortativity** [APPE17]. **Asymmetric** [Wan19b, AL18a, AK18a, EEST16, GG19a, HHL+19, ILPE17, LW15c, LMW+19, TXM15, WDLS18, ZH15a]. **Asymmetrical** [ZAZ19]. **asymmetry** [Ued19]. **asymptotes** [WJGM19]. **Asymptotic** [Aca15, AZ18, ACSS15, BHRW16, CE15, Dan15b, HL15b, LC15c, LPHH15, MH19a, MPPP19, MNR19, PYZS18, PBMP15, PD15, RN18, Reh17, TCS15, WL16b, WDCJ19, YC15, ZDK15, ABLZ15, AK15d, BMR17, BE17, CP15b, Che15a, Che16b, Che16a, CP17, CC17, EO15, FLMC15, FLS18, Kan19, KH17, LL15a, Lia15a, LP15b, LSM15, MDZ15, MHM15, MZM15, NY15, Prz15, SL15b, Tan15d, XHW15, Xu17a, XDH19, YPZ18, YCZ19, YB15, Zha17b, ZG15b, ZXC19]. **Asymptotical** [WCS16, ZSL15, ZS15b, OL15, YW19a]. **Asymptotically** [Mig16, MMZ19, DFP15, GN19a, GG19b, HPR16, JK15, SB16, SXS15, ZZZ15b, dSH15, Bor19]. **Asymptotics** [MMMMB17, ZWK16, CDK17b, FVMO15, PR15b, YWL19]. **asynchronism** [SFSR18]. **Asynchronous** [TFLZ19, XXW+19, XSSW19, ZLDZ16, CCYT19, CYSY16, GHQ17, LTZ+17, SSCX18, WXX18]. **Atkinson** [CZ18a]. **atmosphere** [CDP19]. **atmospheric** [DMSS18, FWLC15, WF15c]. **atom** [DDdF16, Dim17, GFWH17, Pal17, Pal19]. **atom-bond** [DDdF16, Dim17, GFWH17, Pal17, Pal19]. **attachment** [MB15b]. **attacks** [LXTF18]. **Attenuation** [ANU16, KKG18, Wan19a]. **attitude** [CST+15, HWY15b]. **Attiya** [SGG15b]. **attracting** [ZZ16b]. **attraction** [ADMV19a, CN15c, CN15d, NCS16, SA16d, SLLC19]. **attractive**

[CVA18, IJ15, LZCL18, YZH+19, YL19b]. **attractivity** [HQ15, MS16a]. **attractor** [DK15a, Fan18, YLL18]. **Attractors** [Kan16, MX17, SB15, SSPCPG+16, WL19a, ZZ16b, ZPT+15, ZTW16]. **attribute** [MS15a]. **attributes** [CHL17]. **augmentative** [GGM15]. **Augmented** [KBK15, SGDX18, CWLA18, GHW19, LM19, LJHW19, Pal17, Pal19, WH18, WLZ19b]. **August** [DN16]. **autapse** [GJX+19, Uzu17]. **authentication** [CZ15b]. **authors** [RSGFV16]. **autoclaved** [KKM15]. **Autoencoders** [GS19]. **automata** [Ort15a, Sch16, SZO16, RLH15]. **Automatic** [ABMBR15, OFwCW19, KC19]. **automaton** [CM17b, HZCY17, SdR19]. **automorphic** [APL15, CZP15]. **Automorphism** [HH17, GS16, GS18a, LLL19b]. **automorphisms** [FHK+19, LLL17a]. **autonomous** [DS16a, GRV15, HGG16, HJ15, HS15a, Kan16, LC15c, Liu15d, LR15, WL18a, WD19, WL19a, YLL18, ZSS15, ZT16a, Zha15g, ZZ16b, ZTW16]. **auxiliary** [MS15a, SYZP16, ZA16]. **Availability** [Xu15a, HSKHA15]. **available** [WLZ15]. **Average** [Jur17, LZLW17, AY16b, Bog16, Du17b, ES15, Gao18, LW17a, NT19, PS16, ZLLZ16]. **averaged** [FFH+15, KMB16, RXQ19]. **averaging** [Fio16, GLL15a, GNW15, LZS15]. **averaging-hyperbolic** [GLL15a]. **aversion** [GLL15a, SBLZ17, WRZ19]. **AVF** [JSLW17]. **avian** [SZJ19, XSS+17]. **aware** [BBF+18, QZJY15]. **Awareness** [GRS+15, WGSX19]. **axi** [BBGR15, LXL17]. **axi-symmetric** [BBGR15, LXL17]. **axial** [BKT16, KG17]. **axis** [ÁL15a, Han16]. **axis-symmetric** [ÁL15a]. **Axisymmetric** [ERFE16, ZLL16, FF18, Muk16, Zha17c]. **axonal** [CM16].

B [RG19, SR15d, Bej17, BLM+16, BJM16, DBK15, ET15, GR19a, HH19, HMT15a, HQJ+15, IAW18, KZ16, KIZ18, KD16, LX15, LQZ+18, MD17, SR16b, SuSR16, TSJ16, Tho17, UKE15, XzXqT+15, YAIN17, ZZG18]. **B-basis** [SR15d]. **B-spline** [RG19, GR19a, DBK15, ET15, HH19, HMT15a, IAW18, KZ16, KD16, LX15, LQZ+18, MD17, SR16b, TSJ16, Tho17, UKE15, XzXqT+15, YAIN17, ZZG18]. **B-splines** [Bej17, BLM+16, BJM16, SuSR16]. **background** [HD16b, LZX15]. **Bäcklund** [LXZ19c, WTSQ15]. **backordering** [MMB15]. **Backstepping** [MTB18]. **backtracking** [LPW15, SH16]. **Backward** [DJ15, GR15a, LRH15, OLZ19, SSGG17, Su19, WY19, WL19a, WZ18b]. **backwards** [TNPL15]. **bacteria** [DY17, Vid18, WLG17]. **Bacterial** [AADLF15, BS15a]. **bacteriocin** [DY17]. **bacteriophage** [Vid18]. **baffled** [CKKF16]. **Bagley** [KCK16, ZV17]. **Balaban** [KKST16, KKST17]. **balance** [AZAM15, BST18, CB19, DD19, LMF17, RMM19]. **Balanced** [DHQ19, DQH18, DB16, GWK16, JYF19, KLZ19, LCQ15, LX17, LJD17, LZ19c, MO16, QLLY18, RCTZ18, RN18, Tha18a, WLQ+19, YFLZ18, hY18]. **Balancedness** [Par18b]. **balking** [YLW16]. **Ball** [AG15c, AG15d, HVR16, How15a, Mor17]. **Baltic** [ZCW+19b]. **BAM** [CLPY18, GZLL17, LJ15a, MRC+18, MPS15, SAJ18, SAM+16, TXG15, ZWBC18]. **BAM-type** [MRC+18]. **Bampton** [KSL19]. **Banach** [ALP15, AG15c, AM15g, AK15c, CLL16, CB17, CEHVT15, JK15, KT16, LL15c, MSHG16, Nak15, RMSD16, SSA19, WIF15]. **band** [Dan18, GLA+17]. **band-limited** [Dan18]. **band-parameter** [Dan18]. **banded** [RM15]. **bandwidth** [XS19a]. **bang** [ASS16]. **bang-bang** [ASS16]. **bankers** [EG17]. **Banzhaf** [AMCMFJ15]. **Bargaining** [ZLC+15]. **bargraphs** [CMS19]. **Barnes** [DKKM15a, Kim15c].

Barnes-type [DKKM15a]. **barrier** [Alz15]. **barriers** [RDM19]. **barycentric** [LHZM19, MZM16]. **Barzilai** [WSdSY15]. **base** [LW18a]. **baseball** [ALMCDH+18]. **Based** [CDK17a, Acu15, AK16a, AIK15, AFK15, ATV16, ALMCDH+18, AD15, APMM18, AB18, ARK15, AADMM16, BM19a, BMDS17, BPC15, BM15b, BS17, BCNN19, BB18b, BKW18, BKZA18, BRV18, BPZB18, CFR18, CCC+17, CD15a, CL19b, CLHC15, CC18a, CDS15, CCX15, CKW15, CS16b, CXL16a, CLPY18, CYGL18, CL18, CH18c, CLSS19, CL19c, CZM+19, CN15b, CNK+18, CM17b, DCW15, DHX+19, DLBQ19, DGNA15, DDD19, DA17, DLJT16, DSM15, DESS15, DHY+18, DDM16, DCA15, DS16b, DKL15, DLH15, Du17a, DQW+19, DN15c, Els17, EGH+19, EFL18, FXC17, FDPP18, FPKF15, FTF16, FGPR18, FFL16, GI16, GFE19, GWSC16, GMOGCCC15, GOH18, GDZ18, GPRCTRY19, GNR+19, GM17b, GG18, GL15a, GIS18, GZLL17, GFD16, HAC18, Han16, HYL19a, HCS19, How15b, How16, HGM15a, HWBL19, HXW+19a, HZYW15, HI15a, HM15b, HYW+15, HM15c, HZCY17, HLFZ19, ID15]. **based** [II17, Ili19a, IAK15, JM15, JJM18, JGX15, JZ19b, KKT15, KA15a, KS18, KCSD+18, KGS+15, KAG15, KSM+19, Khl18, Kia15, KSL19, KML19, KE18, KEE17, KSS19, Lah18, LLM+18, LY15a, LYC15, LPJ18, LZL15a, LS17a, LW18a, LZZL15, LL17a, Li17c, LZjy18, LY18c, LSZ+18, LQZ+18, LLz18, LWSX18a, LL19b, LSX19, LGCS19, LHLL19, LPS19, LZM+18, LXC+19, Lia15b, LF15, LLG+15, LZY16, Liu17a, LCL17b, LXTF18, LD18b, LGL19c, LWW15c, LSM15, LJC16, LT18b, LCLZ19, Luo19, MZP15, MWLL17, MLSX18, MGL19, MGPL15, MBHS18, MRC+18, MAR15, MS17b, MRE18, MRS18, MFF15, MRF18, MND+15, Mil16, MS19c, MTB18, MKS19, MSL15, MPLS19, Naa15, NMNTBXVD15, NPT19, ND15, O'R18b, Oli17, bOqGyK+15, PAE+17, PJ18, PY19a, PY19b, PC16, Pla15, PS18b, PSP17, PP18b, QXW19, RF18, Rad17, RXZW17, RCTZ18, RR18b, RVE19, Rez15, RLGGAV15, RRS+18]. **based** [SS18a, SM15a, SAA19, SSKA16, SDAB17, SST15, SD17, SSN15, SBG+17, SHLL18, SCC17, SLLZ19, SIA15, SRAC16, SZRC15, SDWG19, TSJ16, TPL16, TWF+18, TSZ19, TZ19a, TIT15, TTD18, TLZ+19, Tom12, Tom15, Ton18, VK15, VK17a, VDI17, VS17, VK17b, VB15, WTD+19, WYL15, WZL15, WDZ17, WHTW17, WLH+18, WLWA18, WNF19, WL19b, WN16, WXM+18, WWC+18, WL17, WZLP18, WZK15, WF15c, XL15, XZB+18, XY15b, XTXF18, XGQW19, XZLL17, YZD15, YZ15a, YZ19, YDCS15, YLP19, YZH+19, YF17, YFLF17, YZ17b, YYP18, YLH+19, Yüz16a, ZSA+15, ZLW19, ZWF15, ZZL16a, ZYC18, ZZ18c, ZLZ+19, ZCW+19b, Zha15i, ZY15c, ZJYD17, ZHS18, ZHW+18, ZVL19, ZS19b, ZPM16, lZA+19, Gol15, LSAR15, NFS+15, PS15c, ZW15d]. **based-control** [MTB18]. **bases** [Bag19, EGB15, JCW+15, KM19, SK17a]. **Bashforth** [ZJJ18]. **basic** [CM16, YG15a, ZZ14, ZZ15c]. **Basics** [Pöt19]. **Basin** [FFGRSV19, SB15]. **Basins** [CN15c, NCS16, CN15d, SA16d]. **basis** [AD17, BMC19, BH17, Boy15, DA17, GN15, HAC18, Han15a, HH18a, KKT15, LLO16, LL16a, LLC19, MZP15, MRQZ19, NAM18, RPB15, SSK+19, SR15d, SDGU16, Seg15, SS15a, SN18c, Su19, YDCS15, ZMBJ19, ZHS18]. **Baskakov** [AGN15, GO15a, GAS17, MG17, MS16b, MMS17b]. **Basque** [CST+15]. **bat** [JLX15b]. **batch** [CLC+19, CSA18, GYY18, Upa16, ZXDP18]. **battery** [BdS19]. **Baxter** [CCY19b, KC18b]. **Baxter-like** [CCY19b, KC18b]. **Bayes** [KKKD18]. **Bayesian** [DS16a, Fau17, HYJ19, LLC+15]. **bays** [GHN+16]. **BBM** [Li17b, YWS18]. **BDF** [ZRLX19]. **be** [ZM18a]. **beach** [DQW+19]. **Beale** [WL16c]. **beam**

[ALP18, ANGC17, BM18a, Che15f, HW18, KG17, LJL15a, WR15, WYL15, Wan16b]. **beam-plasma** [Wan16b]. **beams** [AJC+18, AM15b, NND+18, RM16]. **beating** [Pon18]. **bed** [MNYL18]. **bee** [fGlHyL+15, MHZC15]. **before** [AELH15]. **Behavior** [HZCY17, ABL15, Amm15, ABGL17, Can15, DGZ15, GQC15, Gra15, Kan15, KMR18, LZL17, LAAZH19, LC15c, LJS18, MMS18, OL15, RG15, SA16b, SuSB15, SSZL17, TS15, TCS15, TD19, Tre15, WLJ15, WJNW15, YPZ18, ZDK15, ZMA+18, ZWY19, ZMT15, ZLZW15, ZYZ+16a, ZYZ16b]. **Behavior-based** [HZCY17]. **Behavioral** [HZYW15, Val18]. **behaviors** [CGW19, HL15b, WJNW15, YYX+19, ZYC18, ZYZW16]. **behaviour** [Ant18, FLL17, GOH18, MDZ15]. **behaviours** [Moh19, MPHG15]. **behind** [GKN16]. **Behnken** [KVS15]. **belief** [DLD16, HCY+18, HYJ19]. **bell** [HM17, MC15b, NR15, QZ15a, SGM+16, TZTG17]. **Bell-polynomial** [SGM+16]. **bell-shaped** [HM17]. **Bellman** [ZAP19, Fen15, Ied15, LW19c]. **below** [QBNF19]. **Beltrami** [Ers16a, MSI17]. **BEM** [ADSS16, JLL16, TPS15, Tch15, ZGZ16]. **Bénard** [MJ19, Zha16c, ZFL18]. **benchmark** [KKKD18]. **benchmarking** [CLL+15]. **Bendersky** [You15]. **Bending** [SLW16b, JDL15, NND+18]. **benefit** [WRZ19]. **benefits** [RXLM19]. **Benjamin** [Ghe16, HAC18, Kan16, ZP16]. **benzenoid** [LY15b, LY16a, LBRS18, ZZ16a]. **benzenoids** [ZZ16a]. **Bergman** [jJ15b, jJ15c]. **Bermudan** [JO15]. **Bernoulli** [AJC+18, BN15, HASA15, HK18a, KOR19, Kim15c, KKD15, KG17, LJL15a, Luo15, LTZ+17, Upa16, ZL18]. **Bernstein** [MAK15a, MAK16, ABQ15, AIK15, AFK15, AE17a, BM15b, BTIIE16, BA17, CZ16, CW18, DP15b, Gla19, HA19, IH15, KIAG16, KSS19, MRE18, MP19b, MS19c, MAK15b, MAK15c, PHM19, Sha15d, SIA15, TG17, TG19, WXW18, Yüz16a, ZX15, ZH15b]. **Berrut** [Zha17b]. **Bertrand** [AEP15]. **Besov** [Zha15h]. **Bessel** [DSDL19, DDSL15, FMX15, KVZ16, KNT17, NR15, Yüz15, Yüz16b]. **Best** [AHG15, BN18, CN15d, IZ16, QM15a]. **Beta** [MG17, Sim15, GST19, SQL16]. **Beta-type** [Sim15]. **Bethe** [YwFW+19]. **better** [DGL+15]. **between** [AG15c, BKL+17, CXL16b, Dan15b, DY17, DGNA15, DD16a, DY15, ES15, FHLL19, HKS19, JY19, Kim15a, KST15, KFHH15, LMZZ19, MMZ+17, MCPO15, RXLM19, RSGFV16, SSN15, TLLD19, TSPF18, WF15a, WW16c, XGG18, YY15, ZQ18, ZWM16]. **betweenness** [ATV19]. **Beurling** [MR19, TQC15]. **beyond** [ZS17]. **Bézier** [AIK15, CNK+18, DP15b, GLW17, KSS19, SA19, WGL15, Zha15c, ZH15b]. **Bézier-summation-integral** [AIK15]. **BFGS** [FFGRSV19]. **BGS** [HM15d]. **BGS-Uzawa** [HM15d]. **Bhaskar** [RZD+19]. **Bhatia** [CN15d]. **Bhatnagar** [Kri18]. **bi** [BCST19, Chi15, CT18, DÇO15, KLZT15, MM18a, WG15b]. **bi-convex** [DÇO15]. **bi-Hamiltonian** [MM18a, WG15b]. **bi-level** [Chi15, KLZT15]. **bi-parametric** [BCST19]. **bi-periodic** [CT18]. **bi-starlike** [DÇO15]. **Bicentric** [LY19]. **BiCR** [AF18]. **Bicubic** [HH19, Arà16]. **bicycle** [TRRP15]. **Bicyclic** [HFK19, LWZ15, MR16b, QY15, FWZ19, FKA17, FT18, JFT17, JLW18, MRS19, Tep19, YW18a]. **BID** [ARB16]. **bidiagonal** [GGZR16]. **bidirectional** [RMB15]. **BIE** [MS15d]. **bifunction** [FPUK15]. **bifurcated** [PP18a]. **bifurcating** [GLN15, LLdM16]. **Bifurcation** [GYC19, Li15a, LX19b, PZ15, WZY+19, ZZZ15a, ZZC+19b, AYAA+15, AVCCGAVDL15, CGC19, CL16c, EYE18, ERFE16, GSV18b, HCX+17a, HLC19, JS15, LWL+18, MHX17, PW19a, SSGG17,

TXG15, WPL15, WL18a, WXLL19, WLZ15, WF15b, WLL16, XLL+19, YL19a, YLL15, ZT16a, ZXW16, ZHW16, ZZH15]. **Bifurcations** [Cao19, HCX+17b, LJK15, ZH15a, DU18, Fer15, HC18, Mon19, NSM16, TS15, XJZ+15, XWZ15, ZXZB19]. **big** [HKW+17]. **Bihari** [ZAP19]. **Biharmonic** [HH19, DH15, DLCT18, YBZ18]. **Bijections** [Yan18a]. **bilateral** [BM18b]. **bilaterally** [SPW15]. **bilevel** [CRCVMS18, MND+15]. **Bilinear** [HGH19b, LZ17f, TZTG17]. **Bilinearisation** [DLjZ18]. **Bilinearisation-reduction** [DLjZ18]. **bilinearization** [VK19]. **binarization** [GHZ19, JM15]. **Binary** [SuSR15, TZTG17, DJLX17, HLT15, LWW19, RS15b, SuSR16, SPGP18, TST16, YCD17, YCLS19]. **Binet** [BR16a]. **Bingham** [FF18]. **binomial** [JDS18]. **binormal** [JKK15]. **bio** [CDFP17, ZDZ15]. **bio-mathematical** [ZDZ15]. **bio-thermal** [CDFP17]. **biodiversity** [Par18b]. **bioeconomic** [LYZL18, LXZL19]. **Biogeography** [Gol15]. **Biogeography-Based** [Gol15]. **bioheat** [GSP15]. **biological** [GGM15, Kun16, OB18, Świ15, ZZH15]. **biology** [EFPT18]. **biomechanical** [Pon17, SSG15b]. **biophysical** [UPMV18]. **bioprocesses** [WLZW15]. **biorthogonal** [BMR17]. **bipancyclicity** [LX17]. **biparametric** [GKM16]. **Bipartite** [Ili18, AVC+19, BGMO18, CRC19, CL15a, CWD16, DMG16, DIS17, JYF19, Jin17, LLS15, LZ18e, LGL19a, PTO19, ZLJ15]. **bipartiteness** [LP16a]. **bipolar** [KL16, LL19c]. **bipolarity** [LLT19]. **biquadratic** [TW15a]. **Birkhoff** [ACD18, DDH18]. **Birth** [PRA+19, DGN16, JLL15a, QLF15, Ter15, WCH19]. **birth-death** [DGN16]. **Bistability** [WRW16]. **bisymmetric** [HGM15b]. **Bivariate** [BTIIE16, BP17b, Erb16, ÖK19, BA17, CGPR15, GKN15b, MMPP18, MRR17, OR18a, TW15a, ZX15]. **BJ** [HM15d]. **BJ-Uzawa** [HM15d]. **BKP** [VK19, DT16]. **Black** [HH18a, RM18a]. **blade** [Ili19b]. **blade-vortex** [Ili19b]. **Blasius** [MS17a]. **blasting** [Hac17]. **Blaze** [GWPA18]. **Blaze-DEM** [GWPA18]. **blind** [CPP15]. **Bloch** [bBjJ16, jJ15b, Li16a, SzShG16, Zhu16]. **Bloch-type** [Zhu16]. **Block** [CL19b, CZL18, KZR17, MD18b, Sab18, YZ19, BM15a, BPR16, BFJ+17, CFdCdS18, CKDC16, Den15, FZL19, Guo16, LW15c, LWK15, LR16b, LR17, LR19b, LJ15b, MS17a, MH15a, MAJR19, NE16, RBB19, RS17a, RP18, RR18a, SGKR19, SKK19, TZC19, Vis15, WLLK17, WLZ19a, YLL+16, ZWF15, ZZL15b, MM04, SR15a]. **Block-centered** [KZR17, LR16b, LR17, LR19b, YLL+16, ZWF15]. **block-pulse** [MH15a, SR15a]. **blockage** [Uzu17]. **blocked** [WM18b]. **blocks** [RSC16]. **Blood** [ARACCA+18, AZL15, AAM19, BKKN16, GCM+18, JV18, STVCC17]. **Blow** [BB15c, ES17a, FG19, LG16, MJ19, Mi17, ZJZ15, FAHZ16, HK15, LTL16, PS18b, YX19b, Zho15a, ZYZW16, ZLL18]. **Blow-up** [BB15c, ES17a, FG19, LG16, MJ19, Mi17, ZJZ15, FAHZ16, LTL16, PS18b, YX19b, Zho15a, ZYZW16]. **blowflies** [Tan15d]. **Blowup** [ZY15d]. **bluff** [KMB16]. **blur** [SHLW16]. **BMAP** [KKD17]. **BMAP/PH/** [KKD17]. **Board** [Ano18o, Ano18a, Ano18b, Ano18c, Ano18d, Ano18e, Ano18f, Ano18g, Ano18h, Ano18i, Ano18j, Ano18k, Ano18l, Ano18m, Ano18n, Ano18p, Ano18q, Ano18r, Ano19a, Ano19b, Ano19c, Ano19d, Ano19e, Ano19f, Ano19g, Ano19h, Ano19i, Ano19j, Ano19k, Ano19l, Ano19m, Ano19n, Ano19o, Ano19p, Ano19q, Ano19r, Ano19s, Ano19t, Ano19u, Ano19v]. **boarding** [YYX+19]. **bodies** [MCO19]. **body** [KMB16, Kri19b, Pon17, PP18a, RRR19, RRR20, SNS+16, SSG15b, SPGP18]. **Bogdanov** [LWZ+19b]. **boiler** [MNYL18]. **boiling** [JOÖ16]. **Boiti** [FMC15].

Boltzmann [Bor19, AHLR19, CCL+15, DSSC19, GYZC15, KRF17, Kri18, Kri19b, LCS15, LSW16, MM15a, MHR18, NB15, RSC16, SK15, Sun18, Wan16b, WSLC17, WYD+18]. **Bona** [Ghe16, HAC18, Kan16, ZP16]. **Bond** [ARB16, DDdF16, Dim17, GFWH17, HS15c, Pal17, Pal19, TZ18d]. **bondage** [HLL18]. **bonded** [ABN+17]. **bonds** [LABK15, SPP17]. **bones** [MPR+17]. **Book** [ZCML19]. **boolean** [LXD19, CWL16, DLY+17a, GhDwZS17, LLL+18b, TLL+18, YMeFG19, ZLK+19]. **Boosting** [SID19, VK17b]. **boosts** [Tan17a]. **bordered** [She18]. **boreholes** [WE19]. **Borel** [WXZ18]. **Born** [AZL15]. **borne** [Vil16, ZLJ15]. **borrow** [MZC19]. **Borwein** [WSdSY15]. **Bose** [ID19, QFS17, WJWX18]. **both** [HL18, LXT17, MRC+18, MBM16, TZD+19, WDLZ19, ZSZ17]. **bottom** [PMC16]. **bouncing** [How15a]. **Bound** [WW16b, CYY19, GW15c, GN19a, HSKHA15, JLW18, KL16, LY18d, WZ16a, WL18a, ZT16a, Zha19a, ZZ15d]. **bound-and-reduce** [GW15c]. **boundaries** [BE19, CK18, LLL18d]. **Boundary** [ABI19, BRD15, BÁR15, HAMA14, PK18a, YÖ18, AKS15, ABHR15, AN15, ANT+16, AL18b, ASASM16, AAKT15, Ali15, AV18, AD17, AJP18, ANEP19, BE19, BMM19, BTH18, BST18, CM18, CDP19, CXL18, Cho19a, CLP+18, Cui15, CZ15c, DMR15, DX17, DO18, EKS+15, EM16, EMO18, EAY17, EM15, FFT15, GW16, Gao17c, GQC15, GR19a, GYZC15, HLIK19, HASC19, HL17, HXM18, Hua15, JSM16, JX19, KMBA18, KAI19, KD18, KPT16, KMZ19, KS19b, LLY15, LWT+15, LJL15a, LZ17b, LCL17a, LLX18a, LBB18, LWS18, LLL18d, LDL15, MG15, MHX17, MC17, MKRS16, MGN18, MTB18, MS15d, MTJ15, NKS18, NE15, Pan15, PZ15, PAK15, PCS17, Qiu18, RRRR16, RRV15, RG19, RGA19, RMK19, SH15a, Sah19b, SM19, SR17, Sha12, SN18a, SN18b, Slo15, SDWG19, SH18b, Tha15, Ugu19, VK15, VK17a, WZ15b, WZM15]. **boundary** [WZZ18, WA18, WZF+19, Won15, WSYL18, XP17, jXlZX18, XLW16, YBZ18, YU15, YWH15, ZAW15, Zha18e, ZjA19, ZG15b, ZY15d, ZZL16b, ZT16c]. **boundary-layer** [Zha18e]. **boundary-value** [Zha18e]. **bounded** [CYW18, Cho19b, DLXZ19, Els17, Gao17b, HR16, HMW16, Ili18, JZ19b, LB15a, LLLZ16, PL15c, PAK15, Ued19, WTZL18]. **boundedly** [CLC+19]. **Boundedness** [BB16, NS15a, Cho19b, DLXZ19, LLLZ16, PYZS18, QDD15, XDH19, ZSS15, ZLZ16]. **Bounding** [LGS+18, TNPL15]. **Bounds** [BGMO18, CDS15, LQG18, LG18, Pal17, Pal19, PPV15, TF18, ABQ15, AK16b, And18, ACP19, BCK15, CHL18, FK17, GLW18, Jah17, KwC15, LH17a, LY15c, LMZW16, Liu15g, LLX18b, LB19, Ma18, MZM17, MMG16, OP19, Sku15, SX15, WDB18, XL18a, YCZ15, YCZ19, Zha15c]. **Boussinesq** [KI15, eMBHA15, CCY19a, DF16, HMW16, LSW16, LFY18, SEKA16, UKE15, VK19, YMHW15, ZZC15, ZJJ18, dFGAN19]. **Boussinesq-type** [DF16]. **box** [CLHC15, CRZ19, FA15, SGFCRM+18, HLLT15, KVS15, OL19]. **box-constrained** [CRZ19]. **boxes** [HP15b]. **Bracketing** [LJZ18, Raz15]. **Brain** [Tor16, AD15, FFL16]. **braking** [BKT16]. **branch** [AF15, CZ17a, HSKHA15]. **branch-and-bound** [HSKHA15]. **branch-and-cut** [AF15]. **branched** [SG19a]. **Bratu** [eMAGG19, ZI18]. **Brazil** [DTJ18]. **breakage** [LMF17]. **breakdown** [RLGGAV15]. **breakdowns** [KKD17]. **breaking** [HCH16, MMIA19]. **breakpoint** [GI16]. **Bregman** [BPR18, CCC+17, LPZ19, SPW15]. **Brenke** [KM18a]. **Brennan** [MBHS18]. **bridge** [Kan15, MX17]. **Bridged** [Sta17]. **bridges** [ANGC17, ABB+18, Hac17]. **brief** [dF15].

Bright [WTSQ15]. **Brinkman** [NM19, TA16]. **broadcasting** [GSV18a]. **Brownian** [RWY19, AwEE15, DWS19, LKZ18, LW19d, TB17a, WY19, XL18b, XL19, ZY15a]. **BSCCB** [JT16]. **BSDEs** [DWS19]. **Bt** [LTC16]. **Bt-corn** [LTC16]. **Bt-crop** [LTC16]. **bubble** [LTY16, LZX19, ZW19a]. **bubble-sort** [LTY16, ZW19a]. **bubbles** [ERFE16, GR17b]. **Buckling** [JA17, LZL15a, RM19b, AB18]. **budget** [DKN16, WF15c]. **buffer** [CSA18]. **buffered** [JMK17]. **building** [MNYL18, PK15, SKCS15]. **bump** [MPW15]. **bundle** [LPW15]. **bundles** [AB18]. **Bundling** [JO15]. **Buongiorno** [GJR+15, SP15, SRP17]. **buoyancy** [Kim15a]. **buoyancy-driven** [Kim15a]. **Burger** [HEA15b]. **Burgers'** [DWTT17, FLL+19, GN19b, GfSmL16, LCS15, MA15c, NAM18, TSJ16, YGZ19, ZLLA19, ZCU15, ÇT16, EM16, HAC18, MDH15, PKS15, STL17, ZP16, ZZ15a]. **buried** [QBNF19]. **Burning** [LZH19]. **Burnside** [Che16b, LSM15]. **Burst** [CSA18]. **Butterfly** [NRY16]. **BVP** [Che19, IH15, KS16b]. **BVPs** [LWW15b, LJ19]. **by-pass** [TBSR16]. **bypass** [SCZ+17]. **byproduct** [VVD15]. **Byrnev** [Pro16].

C [DSDL19, ARK15, WM18b]. **Cable** [LL19d, STK15, WYL15]. **cable-stayed** [WYL15]. **cacti** [Tu17, Wan17b, ZL16b]. **cactoid** [ZDJ19]. **CaF** [KSKW+19]. **Cahn** [CJK17, LL19a, LG17, VD15]. **Cairo** [LY18b]. **calcium** [DZ17b, DZ17a]. **calculate** [FMSG15]. **Calculating** [SNS+16, BM19d]. **Calculation** [Yor15, CL16c, FG18, Kan19, MWH+18]. **Calculations** [PP18b, CNK+18]. **calculus** [BCD+19, BBD15, FÖB19, GT19, KOR19, MD18c, Tar15, TT18, VV18]. **calibrated** [MMB15]. **Calibration** [DTJ18]. **call** [LD17, LLZD18a, MZC19, ZLC+18]. **Calls** [EG17]. **cam** [YLH+19]. **Camassa** [HGL19, YX19b]. **Cambodia** [PG15a]. **campaign** [KIZ18]. **Campanato** [GR17a]. **Can** [BKAAM15, CCW19, WWC+15, ZSW+17]. **cancer** [KG15, KKS+16]. **candidates** [Cim18]. **Canonical** [Li16b, AADMM16, GL15b, JG17]. **cantilever** [AM15b]. **cap** [ZWY19]. **cap-and-trade** [ZWY19]. **capabilities** [APMM18, GGAVGG+18]. **capability** [WLX18, WLZ15, YZD15]. **capacitated** [CRCVMS18]. **capacities** [ZXDP18]. **capacitive** [KS16b, LMZZ19]. **capacity** [Vil16]. **capital** [KLZ19, LKZ18, RP19, SSM+18, WWZ19]. **Capturing** [VG18, Gla19, IKHS16, ZM19]. **Caputo** [AHO18, AN15, AJP18, CGCK19, DB18, DSSC19, LXZ19a, WR19, YJW16, ZBBW17, ZZ19c]. **Caputo-type** [LXZ19a, WR19]. **car** [LZY16, RLGGAV15]. **car-following** [LZY16]. **car-truck** [LZY16]. **Carathéodory** [ALL18a]. **Carbon** [AB15b, Kia15, ZLL15b]. **carbonation** [Zha16b]. **carbuncle** [Kem18]. **carcinoma** [HWBL19]. **cardiac** [CK17, Cha19]. **cardinal** [Bej17]. **care** [DKN16]. **Carlo** [Ace19a, BG17, Har15, LGO17, LWZ16, UHLM15]. **Carlson** [DAS17]. **Carlson-type** [DAS17]. **carotid** [JV18]. **Carreau** [PK18a, HAMA14]. **carrier** [RSO+18]. **Cartesian** [AK15b, Bac15, BDH16, FTF16, FM18, GLW18, GIK19, GSV15, LZ18e, LWM18]. **CAS** [GGAVGG+18, Sae17]. **cascade** [CTT+19, FFH+18, Neu16, SJL16]. **Cascading** [LWSX18b]. **case** [Boy17, CD15d, CST+15, Erb16, HK18b, HZK+19, KDS16, KM18b, LP15a, NFS+15, OLZ19, SG19b, WC15b, YG15a]. **cases** [ZMH18]. **cash** [SCB15]. **Cassinian** [BM19c]. **Casson** [EAY17, PP18a, WF15a]. **Casteljau** [Her19]. **casting**

[BKLW15, FVMO15]. **catacondensed** [CXL16b]. **catalytic** [SB16]. **catastrophe** [SPP17]. **categorical** [CHL17]. **caterpillars** [LMS19]. **Cattaneo** [CP15d, LJL19, LCL17b]. **Cauchy** [AZL15, AHS18, BMM19, BCNN19, CLQ16, DHW+19, DKKM15b, HPR16, Li19, MH19a, Par15, PTBN19, Rem18, SHA15b, SSA18, XCHW16, ZSS15, ZZ15b, Zha18a]. **causal** [Dok18]. **cause** [BF16a, SSGG17]. **cavity** [DeC19, GSDH15, GG15c, MS18b, SK15, SV17a, SP15, SRP17, SH18a, Zha15a]. **Cayley** [HKM18, LL16b, ML17, TZS17]. **CD** [HJ18]. **CD4** [MK15b]. **CDO** [WL16d]. **cell** [AZL15, AM15a, AY16b, CS15a, EFPT18, Kim15a, Kim18, LY17, LXT17, NMNTBXVD15, PRMC19, WGLZ16, WJHA17, YL19a]. **cell-average** [AY16b]. **cell-based** [NMNTBXVD15]. **cell-growth** [AM15a]. **cell-mediated** [WGLZ16]. **cell-to-cell** [LXT17, WGLZ16]. **cells** [EA15a, HJ18, LZ19a, MK15b, NKKS16, PBMP15, SRJ+15, SG18]. **Cellular** [RLH15, CM17b, HZCY17, KBR15, Ort15a, Sch16, SdR19, SZO16, XGZ17]. **Cement** [VB15]. **Cement-based** [VB15]. **censored** [AAHT18]. **Center** [Val15, WFZ17, HLLT15, LSZ15, MF17, MWY15, QCH19, YY17, ZS14]. **center-Hölder** [LSZ15]. **centered** [CR18, KZR17, LR16b, LR17, LR19b, YLL+16, ZWF15]. **centers** [Gar16a, LLdM16, ZH19a]. **Central** [HCS19, TZH15, CCLPC19, EG17, LJD17, LY19, LJC16, WYLG19]. **centrality** [ATV16, ATV19, TLLD19, WLX18, XGG18]. **Centralizer** [ZCPM17]. **centrifugal** [BKLW15]. **centrifuge** [BKT16]. **centroids** [LLM+18]. **ceramic** [NND+18]. **ceramic-metal** [NND+18]. **ceramics** [MWLL17]. **Certain** [ACK15, AED15, Bou18, GFWH17, GR15c, KR15, MWWM15, NZZ16, NS15a, Pac19, Sha15d, dF15]. **certificateless** [HKW+17]. **CFD** [IR16, Ili19b, Ili19a]. **CFD/CSD** [Ili19b]. **chain** [ASZD18, CLT+15, GJX+19, MMS17a, PMSB15, WC15b]. **chains** [ARB16, CP15c, FXXC19, HHZ15, HLL16, LQZ16, LW18e, Sku15, WC17, Xu15b, YLWF15, YLWF16]. **Challenges** [FLS+15, FPKF15]. **change** [ANU16, BKAAM15, FS16, GAT18b, HHP18, KCL19, KPP18, YWL19]. **changes** [FLL17, PG15a]. **Changhee** [JRSK16]. **changing** [CCC19, ZMC+19b]. **channel** [AB15b, Alk19, CSZ15, CS18, CL19c, CM16, FTE19, HMHA15, LL18c, MSI17, PMSB15, SBG+17, SS18c, SB16, SSM17, SH18b, Uzu17]. **channels** [BMT18, BKZA18, LLZD18b, LLZ+19, SBV15, WLQ+19]. **Chaos** [GNR+19, TTZ+19, CL18, DG15a, FPKF15, Li15a, LF15, NR18a, Pet15a, Vol15, YZJ18, ZZC+19b, SGFCRM+18]. **chaos-based** [FPKF15]. **Chaotic** [NR18b, Pai15a, CPCQ17, GCAA18, HGG16, HXW+19a, JAN16, KBR15, LLCR15, LLC18, LZY+17, LZKX19, MLSX18, Naa15, PSJJ19, SLZ+16, SWZ+19, SSPCPG+16, SGY+15, TIT15, WL18a, WSH+18, WDG19a, WD19, YWS+19, YJYH15, ZT16a, ZZLZ17, ZHWW17, ZPT+15]. **Chaplygin** [SR15f, SSB15b, SAS19]. **Chaplygin-type** [SAS19]. **character** [TYD15]. **characterisation** [LLL18a]. **Characteristic** [LR17, ZZZ16, ASZD18, CC19, HN14, LR19c, LZ15d, NN19, TZ18d, Tur18, YCLS19, ZL16a]. **characteristics** [CGW16, LW19d, ZSK+19]. **characteristics-mixed** [CGW16]. **Characterization** [AVC+19, BCFR18, FT18, FLCSV18]. **Characterizations** [DYW15, JKK15, MS19a, Sha15f]. **characterize** [WLX18]. **Characterizing** [GTBC18, BCO15, Hsi15]. **charge** [BS19a, FW18b]. **charged** [Dan15b, LW19a]. **charged-particle** [LW19a]. **Charlier** [KA15a]. **Chebyshev**

[AM15c, AKKB17, BAB18, BCM17, BdS19, Boy17, CCTV16, GDF+17, HEA16, KBM16, LB15a, Nag17, NBK16, PPV15, SuRI15, Sak19, Sha15e, SPG17, Suk19, Tan15b, WK16a, WK16b, XYG+18, ZHX+17, ZX16]. **Chebyshev-type** [SPG17]. **checkpoint** [YJ19]. **Chelyshkov** [OS15]. **Chemical** [MNJM19, ADA18, AG17, Ban18, Ber17, CT17b, FSW16, FWLC15, FCW+17, GJX+19, GA18, LG19, Sah19b, SMG+18, VS17, WZ19]. **chemoimmunotherapy** [RMCG19]. **chemoprophylaxis** [Bhu15]. **chemostat** [SSZL17, ZY18b]. **chemotaxis** [ZZZ16, ZZ17a]. **chemotherapy** [RLM19]. **Chen** [LK15, LZY+17]. **Chevalley** [BCSG18]. **CHF** [Mah15]. **chicken** [Tan17a]. **Chiellini** [MR15a]. **Childress** [Ers16a]. **China** [PZLZ15, WXP16, XZG19, XSS+17]. **Chipot** [HK15]. **Chlodowsky** [BA17]. **Chlodowsky-type** [BA17]. **chloride** [NKKK18]. **choice** [Bot15, BFJ+17, CYY19, LXPD15, PABA15, Red19]. **cholera** [CMW17, TXL19]. **Cholesky** [LY15c, SFLM19]. **choosability** [CR19b]. **Choquet** [LCOS19]. **chords** [Xu19d]. **chromatic** [ACP19, WWW18, XLG18, YSY+17, YW18b]. **chromatography** [BMRS18]. **chronic** [RMCG19]. **Chua** [FDPP18, LMZZ19, XZLL17]. **Ciarlet** [YBZ18]. **cilia** [Pon18, SSM17]. **ciliary** [FTE19]. **cinlar** [KÇ18a]. **CIR** [TZ18d]. **circle** [BCD15a, BMR17, CMR17, CMW15]. **circuit** [BB18b, JCW18, TVK+16, TD18]. **circuits** [LMZZ19, Sta17]. **circulant** [CEG+15, CZ19, JXW15, JH15, JZ15a, ZS15e]. **circulants** [LW18b]. **Circular** [CMS19, AYAA+15, DDY15, MYH15, MWY15, Rad15, RM19a, RMK19, SV15a, SD19c]. **circular-hole** [MWY15]. **circulation** [BKT16, MNYL18, ZHWW15]. **circumferentially** [FFH+15]. **Ćirić** [RZD+19]. **CISTs** [QCH19]. **city** [GGAVGGRC15]. **clamping** [KK15b]. **Clar** [SZ19c, ZAY18]. **Clarke** [LZ15e, LLB16]. **Class** [LLL19c, AGZ15, ARB19, AAKT15, AM15h, AF15, AAMC19, BT15a, BE19, BAK19, Bej17, Bir15, BMR17, BMB15, CP19, CR15, CY16b, CCNQ19, Cas15, CTT+19, CL16b, CXZZ18, CY15b, CJ17b, Dai16, DAQI15, DH15, DEK15, DZL15, DOZ18, tFyZZ15, FMX15, FMDZ19, FNS15, Flo18, FLYG18, GD15, GWWL17, GKN15a, Ghe16, GR19a, GYC19, HRS15, HS15a, How15b, How16, HM18b, HHY19, IB15, JCW18, JJ15a, JS16, KCK19, KMBA18, KBM16, KLS15, LLZ15, LWT+15, LZ18c, Li19, LGK15, LHS18, LP15c, LWZZ18, Lv16, Lv18, MHN15, MFJZ15, MWRT17, MG19, Mil16, MMK17, MKS19, MK15b, MK15c, NB19a, NRT16, OS15, PAK15, QZ15b, Red19, RMA15, Rom19, RG19, RGA19, Sah19b, SY18a, SXS15, SGG15a, SGG15b, SJL16, SZ16, Tom12, Tom15, TBG16, VD16, VDI17, WqTjT15, Wan15e, WZAF15, WK16a, WZZ18, WDLZ19]. **class** [Won15, bWzZjH16, Wu17, WWHZ18, XZLZ17, XL15, XY15a, XLJC18, XzXqT+15, XH19a, YWO18, YD18, YLCW18, YGZ19, YLNL15, Yu16, ZA16, ZSL15, Zha15d, ZZL16a, Zha18a, ZZ18a, ZjA19, ZWZ19a, ZZMS19, ZZL15a, Zha15i, ZM18b, ZLL18, dF15]. **classes** [BM16, BD15, FLT18, GLS16, JM18, LR16a, MH19a, MS19c, SHR18]. **classic** [Liu18c]. **classical** [AIIK15, BCFR18, LL17b, MMPP18, SD19a, VG18, ZY18b]. **classification** [CYZ17, CLR16b, CS16b, LYC15, LAVME18, Liu15a, LM15, WWZ15]. **classified** [LWSX18a]. **classifier** [VK17b]. **Clausenian** [SS15b]. **cleaning** [Kem16]. **Clément** [PVV+15]. **Clenshaw** [LX19c, Ma15a]. **Cleverly** [CCW19]. **clients** [YSLS17]. **Clifford** [DRS16, HS17]. **climate** [BKAAM15, KCL19, MKMC15, YWL19]. **clipping** [dCM16, LCW19a]. **close** [ACC16, LH15, SKA16]. **close-to-convex** [LH15, SKA16]. **Closed** [LD19b, LXZ19b, XC15, CGJZ18, Nad15, SdR19]. **Closed-form** [LD19b]. **Closed-loop**

[LXZ19b]. **cloud** [HKW+17, JA17, KWH17]. **Cluster** [FYZ16]. **Clusterability** [NKL15]. **Clustered** [SRH15, CnTVsL18]. **Clustered-gravitational** [SRH15]. **clustering** [CHL17, GWC+16, Suk19]. **clusterings** [ZCL18]. **clusters** [TDA17, ZL19c]. **CMOS** [TKDF15, TD18]. **CNC** [Han16]. **CNLS** [WXY15]. **cnoidal** [AM18a]. **CNT** [LZL15a, LZL17]. **CNT-reinforced** [LZL17]. **Co** [BMT19, LWZ18, TMM18, XZB+18, MMK18, RC16, WW15, WLL16]. **co-dimension** [WLL16]. **Co-dynamics** [BMT19, TMM18]. **Co-evolution** [LWZ18]. **co-infection** [MMK18]. **Co-Kriging** [XZB+18]. **co-mutualism** [WW15]. **co-trees** [RC16]. **coalition** [MCZ15]. **coalitional** [MCZ15]. **coarsening** [FGPR18]. **coating** [ABN+17, WQ15]. **coating/fiber** [WQ15]. **coaxial** [FK18a]. **cocirculating** [EA15a]. **code** [DKM17, EEG+16, GWPA18]. **codebooks** [GN19a, WNF19]. **codes** [CZ15b, WNF19, Wil18, ZK17]. **codimension** [Mon19, NSM16]. **codimension-one** [Mon19]. **coding** [YCD17]. **Coefficient** [Uça16, BdlRT18, ES17a, GY15, HGH19b, KI15, LP15a, PST18, SNL19, SM18, WTJ17, ZBKS16, ZEW19, Zho17]. **coefficients** [ACC16, BHRW16, CLR16b, CLS15, CLJ+15, CNQRR18, Dai16, Dan18, DKBS15, DHS19, lDqCWzH18, GM19, HCY15, HLH17, KDS16, Kim15b, LL15d, LLY15, LQZ16, LWZ16, LW18e, LMMZ18, MH17c, NP18, OW18, Pol19, Prz15, RW17, RZMB17, RMA15, SR15b, SMI18, Ste19, TQ18, WR19, WL19a, XYG+18, YSL19, YMMH15, YQ18, ZWF15, ZX16, ZLW18]. **coercive** [ZY15b]. **Coevolution** [BK18a, LGL+19b, Tan17a, LSLL19, SLS16]. **Coevolving** [LJ17]. **coexistence** [VEF19, ZJ15a]. **cognitive** [APMM18, FXC17, HJP16, SM15a]. **cographs** [AVC+19, CJ17a]. **Cohen** [EO15, LCAA17, PRC+19, ZDPZ15]. **coherence** [Uzu17]. **coherent** [GGMPC15]. **cohomology** [BCSG18]. **Coincidence** [O'R18b, ARGF15, PN15b]. **coindices** [Gut17]. **coined** [WD19]. **coinsurance** [dCCGV15]. **Coleman** [AMCMFJ15]. **collaboration** [WWC+18]. **collapse** [STVCC17]. **collection** [Hsi15]. **collective** [HCS19, KMR18, Lu16]. **collective-risk** [HCS19]. **collinear** [SPGP18]. **Collision** [GWK15, KSD+15]. **collisions** [ID19]. **Collocation** [ER15, MH17a, SS18a, AMO18, AK18b, AD17, BAB18, BB15c, BLJ+19, CCY19a, CXL18, CL16d, Ghe16, GIS15, GR19a, HEA15b, HEA16, KC19, KZ16, KPT16, KXZ19, LZ19d, LMMZ18, LFC+19, LHWG16, MHN15, MZM16, Mic15b, MH16b, MH17c, Nag17, NAM18, OS15, Pan18, PJ15, Reu15, RME18, RG19, SR15b, SM19, SR16b, SK17a, SPS18, uIHA18, SRS17, Tan15b, YTH19, YAIN17, Yüz15, Yüz16a, Yüz18, ZZY+17, ZX16]. **collocations** [VS19]. **colony** [DCA15, fGlHyL+15, GWC+16, MHZC15, SZRC15]. **color** [yWyLyY+15]. **colorable** [ZLSX18]. **colored** [Che18b, CMM17, GST15b, WLL16, XYZ18]. **coloring** [CYZ17, CYY19, CJ17a, HWL+19b, SY15b, WZ18a, WWW19, Yue16]. **colorings** [LZ18d, LT19, Liu15b]. **colors** [LLL19c]. **Colpitts** [RXLM19]. **comaximal** [SLF18]. **Combination** [KMA16, LLC18, Kim15b, RG18b, WYZ+17]. **combinations** [PÖB15]. **combinatorial** [Bag15, BMRW19]. **Combined** [Tch15, AP19, KG15, MK15b, PKHD18, RS15b, RS16a, Rui18, YCH18, ZXZB19, ZCW+19b, ZZ17b]. **combining** [MHZC15, VS19]. **commensalism** [GG16]. **Comment** [LZ19c, Pan15, PK18a, SR15d, dF15]. **Comments**

[Dai16, Ort15b, Rho19, Rho14, dFY15]. **commerce** [BM17]. **commercial** [LLZ+16]. **commodity** [GKDHR19]. **common** [ACS15, AK15d, Boi15, GS11, KT16, LVAB+16, PG15b, PN15b, WJGM19, YZ17a, ZS15d]. **communicable** [XWDW17]. **communicating** [dSVR17]. **communication** [LSCK15, LLC18, LS19c, LGHW19, SWSW19, WZK15, ZZZY17, ZDF17]. **communications** [GSD16, ZZL+18a]. **Community** [CLHC16, WWC+18, ZCML19]. **commutative** [WL19c]. **Commutator** [CCD18]. **Commuting** [SML+15, KC18b]. **Compact** [MDH15, WMSP19, ZCXX18, ACKS16, CC18b, CDL19, Cui15, DL18b, GfSmL16, HEA15a, HEA15b, cJzS15, LZCW18, MDHD18, Pan18, RLZ19, RW17, Rom19, RGA19, WZ15b, WMLG17, WZZ18, WJWX18, WW18, WR19, WLWD18, YMD15, YGZ19, ZZ18c, ZZX19, ZRLX19]. **Compactly** [SZ18a]. **Compactness** [ZZ16b, O'R18b, WL19a]. **company** [TB15]. **Comparative** [SBG+17, BKZA18, DV15, Ely18, DPL18a, RS15a]. **compare** [CvRvdM18]. **Comparing** [CSZ19, CLSS19, CN15d, Vad19, BBFJ17]. **Comparison** [ASKK19, AH15, BVJ15, BL15, CN16b, DD16a, SdA18, SH15c, TLLD19, WR15, AG15c, GIS18, GL18b, KKKD18, MFF15, NCEGA15, ÖÖAD15, PL15b]. **comparisons** [DR19, KS15]. **compartment** [LWY+19]. **compassion** [LZP18]. **compatible** [RSAF16]. **Compensated** [Her19, GJP18, Yue19]. **Compensation** [MGPL15, WLLL15]. **competency** [DCA15]. **competing** [PSM17, WYW16, ZJ15a]. **Competition** [Haf17, GG16, GCLG15, HCH16, KZ15, LLY19, SSZL17, WXLL19]. **competitions** [Par18b]. **competitive** [CWFL15, CXMP16, KN19, LLMS16, LYM18, MWY17, NLC19, PP15a, QD18, TLGX15, XYDL16]. **complement** [LZZT18, LpLxG18, NC19, RMSD16, Xu17b]. **Complementarity** [BFIJ15, dCSS17, BFJ+17, CW17, DLBQ19, LW15d, LVC15, NJTP19, TZF15, WZLP18, XL15, ZGL15, ZVL19]. **complements** [Gut17, JYSR18, LWG16, XLS18, YFY17]. **Complete** [AGN15, FT18, Tal15, Wan17a, BCD18, HH17, LZ18e, LGL19a, fLLPY16, Wil18, YCZ19]. **completely** [CE15, CP15b, Che15b, LS15a, LZjy18]. **Completing** [Tha18a]. **completion** [MTY16, WY15b, WL17, WLZ19b]. **Complex** [Mis15, PL15c, AF18, AQ15, AQ18, AAE19, AY16a, AJP18, BK18a, BAE15, CR15, CGC19, CZLS18, CZSH17, DWRZ17, DS19, DSM15, FZL19, Fan15b, FYZ16, GCAA18, GZLL17, HCX+17b, HYZ+18, JZ15b, LWQ18, LL15d, LWSX18b, LWL+18, LWSX18a, LJYH19, LDS+18, LML18b, LZKX19, Ma15a, MFC17, NS15b, PG15b, Pet15a, QZJY15, RVGS17, RG18a, SMI18, SJ16, SSA18, SCC17, SRCA17, SSPCPG+16, SS15c, SQL16, yWyLyY+15, WWDW17, WA18, WLX18, Wan19a, WRX+19, WWSM19, WZS19, WHWW19, WZWD15, WZK15, XZS16, XLJC18, XKG15, XXZ+18, YMD15, YWZS18, YYS17, YSF16, YQT15, ZSA+15, ZLHH15, ZZL+18a, ZLZ+18, ZWHC15, ZYXF17, ZD17, ZSZ17, ZYC18, ZWZ19a, ZCML19, ZM15c, ZM18b, ZDF17]. **complex-valued** [CZLS18, CZSH17, GZLL17, HCX+17b, LWL+18, SCC17, WZS19, XZS16, ZLHH15, ZYXF17, ZSZ17, ZYC18]. **complex-variable** [XXZ+18]. **Complexity** [BS19c, LYW17, AK18a, dCM16, Gon18, Han19, KJR+18, LLS15, LYW18, NL18b, PBMP15]. **complicated** [Gia15a]. **component** [ACE19b, FS16, GMPP18, GYW15, GLW15, HXM18, SSS15, WZZT19, YL19a, YX19b].

components [CXZZ18, CnTVsL18, HTZY17, LZH+18, RC16, SM15b]. **composite** [DNC+17, Gia15a, Gia15b, GLW17, KCZK15, LZL15a, LZL17, Li16b, MTJ15, SSK15, YJW16, ZLL15b, ZM19]. **Composites** [VB15, MNNP19, WQ15]. **composition** [bBjJ16, JKK15, Mah18a, SNS+16, SSB16, Zhu16]. **Compositional** [YSX15]. **compound** [AM15d, BKZA18, BE17, ZH17]. **comprehensive** [ÖÖAD15, WSXR19]. **compressed** [WNF19, ZWY15b]. **Compressible** [SBH17, ACG19, DMA+19, DC16, GG18, GZW15, KFHH15, KSZ15, LR17, LTL16, LCW19b, NS17a, Pel17, QX17, RDG18, XP17, XLR17, ZZX19, ZM19]. **compressible-fluid** [GG18]. **Compression** [JJM18, Len15, AK15b, TMS15]. **compression-expansion** [AK15b]. **comprise** [Ber17]. **Comput** [MAK15a, MAK16, Sab18, Tom15, VK17a, WL18a]. **Computation** [AZ19, Bag19, BE17, DN16, DSDL19, EL19a, FMB+19, KRS18, LLZD18a, Pan15, PK18a, PABA15, PP15b, Pon17, RRR20, Rho19, SS17, She18, SN18a, XS19a, YLWF16, ZZ15c, ZLL15b, ZL19b, AQ18, AZL15, BB15a, Bas19, CSZ19, CH18c, DO17, FFN18, Fuk15c, Fuk15d, Fuk15b, GST19, HP17, KDS16, Miy19, NSM16, PSZ18, PH17, QLZ15, RRM16, SID19, SS15a, Sku15, SSPCPG+16, TES15, Van15, WLZ15, XMX15, YWYS18, ZQ18, ZL15b, Ano19w]. **Computational** [ASA19, AB18, AELH15, FLS+15, LZ17d, NBAGS19, PLL16, SST17, SAA19, VB15, ADG16, Cat19, FM17b, HAY19, HS15c, HHT19, Ili19b, IR16, IS16, JMK17, Kim18, MFF15, Par18a, PP19, Sah19b, WWR+15, jXlZX18, dNdOX+15]. **computationally** [SBV15]. **computationally-efficient** [SBV15]. **Computations** [BKS18, Bot15, Cal18, DP17, DG18a, Far18a, PS15a]. **compute** [ATV18, FG19, MGL19]. **Computer** [LCW+18, wG15a, NMS+18, PJ18, PH17, RCRL18, SKHA18, VD15, YSZ19]. **Computing** [AT15b, AMCMFJ15, BDBKV19, BCd15b, CP15c, GST15a, LW17b, MPB+17, SA18a, SGGD+18, SKP16, WTZL18, YEMRV17, Zhu15, Ace19a, AJC+18, ASZD18, dCM16, GGAVGG+18, GJNC18, JXW15, Li17c, LCW19a, NJM+18, SJ19a, SIA+17, Tha18a, TB17b, USCA15, USCAAA15, WMS17, WYL+19b, XZS16, XC15, Xu15b, YKZ15, Zad16]. **CON** [XY15b]. **CON/SLK** [XY15b]. **concatenating** [HRLGÁ18]. **concavity** [Dan15a, ZC19c]. **concentrated** [SLW16b]. **Concentration** [TES15, LWLM19]. **concentrations** [NFS+15]. **concept** [AK16a, MS16a, Zha15f]. **concepts** [RL15]. **Concerning** [Rho19, CC17, MBM16, Rho14]. **concrete** [KKM15, KK15c, NKKK18, WR15, Zha16b]. **condensate** [WJWX18]. **condensates** [ID19, QFS17]. **condensation** [DMSS18, HH16]. **condensing** [RAH19a]. **condition** [ABHR15, BTH18, BF15, BST18, CGL15, DLQ17, DLH15, GXLL19, GS15b, HMGC18, KKT15, LSZ15, LDH18, MHX17, MVS19, PAM19, PLL16, Sap18, SR17, Sil16, SGMH16, Slo15, TPCL15, WZM15, WK16b, WwQqTW18, YBZ18, Yue19, ZS14]. **Conditional** [CD15d, GL18b, Cim18, HV19a, LHG18, QY17, TZ18d, TZS17, WX18, YFLF17, ZZX18]. **conditions** [AN15, ANT+16, AL18b, AYD19, AM15e, AK15c, AR16b, AS15, ANEP19, BMM19, BB15d, BDSS15, CS17, CGW19, CM18, CDP19, CKG+16, CZM18, CZ17b, Cui15, CZ15c, CS15b, Dan15a, DHQ19, DMR15, DO18, EKS+15, EM16, FT17, Fer15, FG19, GZK16, GIS18, GXCY19, HLIK19, HL17, HST17, HS15c, JM18, JYF19, Kun16, LLWX19, LJZ18, LLX18a, LY15e, LZY+17, LWS18, MM16, MMV16, MS15d, NE15, O'R18b, Qiu18, RGA19, RG18a, SR15b,

SAM+16, SMI18, SH18b, Tha15, Tua15, WZ15b, WZ16a, WTUZ15, XZ18, YCH19, YYM19, ZW15a, ZAW15, ZY15b, ZjA19, ZCX19, ZZW17, ZY18b, ZM18a, ZWL18, ZT16c, AAC16]. **conducting** [AKR15]. **Conduction** [YM18, KBK+16, LP15a, LCL17a, Mah15, MPPP19, MR16a, Su19, TPS15, Xu19c, YDWZ19, YWYS18, ZT15, ZL19a, ZL19b]. **conductive** [CKG+16]. **conductivity** [HL15d, KBK+16, LP15a, WQ15, YX15]. **conduit** [RM19a, RMK19]. **cone** [Alz15, AK15b, BFIJ15, LW15d, Mah19, MRR17, SBH16, TZF15]. **coneigenvalues** [LCJ15]. **cones** [MYH15]. **configurations** [CCLPC19, FFH+18, LY19, MSdC+18, WZC17]. **Conflict** [Ino16, GOH18]. **confluent** [ALQ15, EJF15, EJF16, II18]. **conformal** [AK19a, ZBR15, ZQ18]. **Conformance** [SCS+15]. **conforming** [cCpSkZ15, FA18, SLW16a, SW17b, ZSY17, ZCZM15]. **conformity** [SLLZ19]. **congestion** [Cao19, DKN16, NR18b, NR18a, PW19b]. **conic** [SKA16]. **conical** [MRF18]. **conjecture** [CSZ19, Dim17, YG15a, YCYL18]. **conjectures** [II17]. **conjugacy** [DLH15]. **Conjugate** [CFR18, FLMR18, HM18a, AKA19, CL16a, DCW15, Dai16, DLH15, LP15c, MS18b, PBP19, PG15b, RMA15, WSdSY15, WAS19, XM15, YLNL15]. **conjugate-mixed** [PBP19]. **connected** [Dob19, GW16, LYW17, LYW18, NS15b, RZH+19, SJL17, TX18, WYL19a, ZM18a, ZWL18]. **connectedness** [HTM18, LLS15, LML18b]. **Connecting** [BDE+15]. **Connection** [PR15b, GDL19, GXCY19, LLW17, ML17, MNJW19]. **connections** [CFSGM17]. **Connectivity** [CMT+18, QGH19, BGMO18, BM19b, DD16a, DDdF16, Dim17, GFWH17, GLW18, GA18, LL15a, LY16a, LTY16, LMYW17, LW18b, LGL19a, LZLG19, LLTW19, Pal17, Pal19, TZS17, WM18a, WCD17, WC18, YFLZ18, ZW19a, ZH19b]. **consecutive** [DMP19]. **Consensus** [LZjy18, LGHW19, Sha16a, WS19a, XH16, CLZW19, FW18a, GFE19, HW17b, MM15b, MGCAPP16, SMG19, SY18a, YJMH18, ZLM+18, ZJ15b, ZYLY17, ZJYD17, ZSL+18]. **conservation** [AIIK15, BCI15, BDH16, Gla19, GL15b, HSSH18, KRB15, Liu17a, LFY18, Maj18, NKS18, QZL+17, XLW15, ZY15c, dlRGB16]. **Conservative** [Ach19, GS17a, QFS17, WX19a, AO15c, DC16, GWK16, HP15a, DPL18a, PZ17, WJWX18, jWgX18, WDG19b, XZ19, ZZY+17]. **Conserved** [SZ17, CWG15]. **conserving** [BBCI18, HGL19, LZ18b, ZLW18]. **consideration** [WWDW17]. **considerations** [Kem18, MMB15, VPS15]. **considered** [RCW+18]. **considering** [KN19, LHHS16, RHJ18, TD19]. **Consimilarity** [LCJ15]. **consistency** [GXH18, SRK+19]. **consistent** [ABGL17, AY16b, PSSX17, ZSX15]. **constacyclic** [ZK17]. **Constant** [CFG15, ACC16, CDK17b, CD15d, DKBS15, DHS19, GLM19, GM19, HSSH18, Kar19, KB17, LLY15, LLW19, LLLZ16, LY18d, LSY15, MWH+18, Oni18, SSB18, SSB15a, UGY16, WL16b, ZS15b, Zha17b, ZYZW16]. **constants** [CC17, MPP17, Oka18a, You15]. **constituent** [MC15c]. **constitutive** [CH18c, DQ18]. **constrained** [ARS15, CL16a, CRZ19, CXW+19, FA15, FLMR18, GdS18, GHL19, Gar16b, HH19, JPTL15, KCK19, LY18a, PZ16a, QFTT15, SNAR15, SPW15, WCZ15, WZ16a, WTUZ15, XHW18, dSH17]. **Constraint** [ARS15, De 18, SCR+15, FMDZ19, HSKHA15, HW17c, SM17, ZZ15c]. **constraints** [CYSY16, Cov19, DKN16, DPSS16, LHJ15, LMZ+19, PMS16, PS18b, SMG19, SSB15b, SBLZ17, TTD17, XCDZ19, ZZ14, ZLM+18, ZXS+18, ZX19]. **construct**

[OW18, ZDZ15]. **constructed** [YFL16]. **Constructing** [CYCW15, DGN16, CT17d, Mao17, QCH19, GHM18, Lin15, ZCU17]. **Construction** [AU15, BCMT15b, FKV16, Kra18a, LZ16, LXZ19c, SST18, SuSR16, TMPG17, TLL16, ABGS15, ANGC17, ABGL17, Bra15, HCH16, HQJ+15, KAH15, MFC17, Sko17, ZLD18]. **Constructions** [HTZY17, CZ15b, GN19a, WNF19]. **Constructive** [LZY+17, JJ16, RRRR16]. **consumer** [Wan19b]. **consumer-resource** [Wan19b]. **consumption** [GNR+19, HW17c, MPHG15, SBLZ17]. **contact** [ABD16, CS16a, HMZ17, MG19, Tch15]. **contagion** [PJ18, WL16d]. **contained** [CCY19b]. **containing** [GR17b, RMD18, Xu19d, YYL19, ZY18a]. **Containment** [LS19c, HWY15a, KZ19, SSCX18]. **contaminant** [ddGL15]. **contaminants** [LXZL19]. **contaminated** [WXP16]. **content** [NFS+15, WZM15]. **Context** [PCA16, AJ17, TLL+18]. **Context-oriented** [PCA16]. **context-sensitive** [TLL+18]. **continuation** [Bot15, ERFE16, HR18, Kue15]. **continued** [CY15a, LSY15]. **continuity** [Han18]. **Continuous** [Liu17b, MLS19, ZBME16, AJMN18, ABI19, BB15b, BM15b, BJ19, CPST16, CCQS16, CGAL19, CY15c, CST+15, CXW+19, DY17, FVMO15, GI16, Gao17a, Gao18, Gat18a, Gav15, HMGC18, JLL15a, KWT15, LSZ15, Liu16b, LZG16, LZHC18, LGL19c, NRS19, PMSB15, PLL16, QZW19, Sch16, SK17a, SZO16, Sku15, TLL16, Tan18, TZ18c, TSZ19, TZ19a, Tan17a, WZYS15, WMZ16, WL19b, YSL19, ZLDZ17, Zha19b, ZCAN19, ZS19a, ZS14, ZCC15]. **continuous-stage** [ABI19, Tan18, TZ18c, TSZ19, TZ19a]. **Continuous-time** [MLS19, CCQS16, CXW+19, Gao18, LZG16, LZHC18, LGL19c, WZYS15, WMZ16, ZLDZ17, ZCAN19]. **continuum** [RHJ18]. **Contour** [SH18a, CD16a]. **contract** [WWC+18]. **contractible** [QGH19]. **contraction** [PN15b]. **Contractions** [Rho19, LZCW19, RDLG16, Rho14]. **contractive** [IZ16]. **contracts** [EG17]. **control** [AHP19, ASS16, AM19, BP17a, BAGN+19, BMT19, Bhu15, CMW17, Cao19, CXP16, CKG+16, CCQS16, CYSY16, CWL16, CGZ17, CLCW17, CXZZ18, CH18b, CLZW19, CCL+16, Chi15, CL19c, CXW+19, DHX+19, DG15a, DQH18, DS16a, DHY+18, DKL15, DH17, DWS19, FW18a, FYZ16, FYSC18, FXXC19, FNS15, FM16, GW15a, GSZ15, GhDwZS17, GZC19, GXLL19, GMOP18, GWWL17, GSPH19, GGM15, GMPP18, GRS+15, GSD16, GWXZ18, Han16, HYL19a, HA19, HWY15a, HWY15b, HW17b, HHR17, HHGC16, HL16, HZLY17, HZK+19, HLC19, JGX15, JGKL16, KRS18, KG15, KLKU18, KML19, KRA+18b, KH17, KPP17, LZL19a, LPKS16, LY15d, Li15a, LL15b, LWPL16, LSZY17, LLL+18b, LSLZ18, LQC+18, LZ19d, LYH19, LGC19b, LSZ+19a, LPZL16, LXC+19, LGK15, LMW18, LZHC18, LS19c, LXZL19, LMZ+19, LWSO19, LMZZ19, LZ17f, LTZ+17, LCLZ19, Luo19, MFJZ15, MJL16, Ma17b, MLSX18, MA16, MAR15, MPS15, MGN18, MTB18, NPT19, OA18]. **control** [Pai15b, PY19a, PY19b, PZLZ15, PRL+15, PW19b, PFA15, QTTL19, RSC+17, RVGS17, RXZW17, RZHY16, RWW18, RLM19, RRS+18, RPJ+18, SAJ18, SSKA16, SKKL17, SJWK18, SJ19a, SZ15, SSCX18, SYZP16, SY17a, SLLC19, SMG19, SLZ+16, SY18a, SS19b, SWZ+19, SJ18, SML+15, SRCA17, SMZ+17, SWSW19, SS15c, SML18, SZT17, SLS+18, SWZL19, SC17, TVK+16, TTZ+19, TFLZ19, Tan15b, TPL16, TTD18, TMM18, TLL+18, WZAF15, Wan16a, WHTW17, WLH+18, WSH+18, WRX+19, WSXR19, WXXY19, WCH15, WWHZ18,

WSYL18, XZLZ17, XD19, XTXW15, XZL15, XH16, XPZ18, XLJC18, XCDZ19, XZCC15, XCW19, XZHX17, XCL18, XSSW19, XGQW19, XZLL17, YW15, YWZS18, YLP19, YYS17, YFW+17, Yil16, YLW19, ZZ15a, ZZL+18a, ZLLZ16, ZLDZ17, ZMMZ15, ZGH16, ZSS16, ZYXF17, ZZZY17, ZLM+18, ZXS+18, ZW19b, ZCCZ19, ZZMS19, ZY15c, ZJYD17, ZSXW18, ZWO+19, ZMC+19b, ZPT+15, ZLK+19, ZPM16, ZYWW16, ZXX+19, ZZ16c].
Controllability [BGRT15, CS17, DG15b, LY15e, AS15, BT15a, CR19a, DX17, GZK16, LZ15e, LSL19b, LL15f, LLB16, Mah18b, PZ19, YL17, YW16, ZLK+19]. **controllable** [KRS18]. **controlled** [CGC19, FLYG18, RVE19]. **Controller** [QKGW18, Zha19b, AADLF15, KSM+19, LLX+19, SA16a, SRSZ15, WCZY17]. **controllers** [LLL+18b, Pai15a, PZ19, WCB19]. **Controlling** [HCX+17a, ARV18]. **controls** [CR19a, LZT+18]. **convecting** [Kud19a]. **convection** [AKAA15, BS17, CKG19, Cho19b, CVA18, DN15a, DBV18, DX17, GS17a, GJR+15, Har16, HM19a, HRS17, LZ15d, Liu16a, Liu17b, LZ17e, MGK+16, MS18a, Mah19, MN17, MW18, MS18b, Mis16, MRR17, MKN15b, PBP19, PCS17, RNM15, RW17, SHA15a, SP15, SRP17, SMR15, SM18, WSZ16, WSLC17, WW18, WX16, YM18, YWYS18, ZZY18, Zha18e, ZC19b, ZCZM15, ZX16]. **convection-diffusion** [AKAA15, BS17, CKG19, CVA18, DN15a, LZ15d, Liu16a, LZ17e, Mis16, WSZ16, WSLC17, WW18, WX16, ZC19b, ZCZM15]. **convection-diffusion-reaction** [SHA15a]. **convection-dominated** [MW18]. **convection-reaction-diffusion** [RW17]. **convective** [BST18, Cho18, PMV16, Zha15a]. **convective-radiative** [PMV16]. **convectively** [HAMA14, PK18a]. **Convergence** [CWG15, CNK+18, Cui15, DN15b, DN16, EJF16, Ewa16, Fan17, GZZL17, GS17b, GIS18, Guo16, GS11, How15b, HMGC18, LP15a, LC15a, LZCW18, Lia15a, LSZ15, MHN15, Maj18, MSS15, PSSX17, SRS17, TRP15, WK16a, WY16, Yun15, ZS15d, ZL16a, ZYSL19, ZS14, AG15c, ACMT15b, ACMT15a, AM15g, AM15f, AG15d, AK15c, AG16, AM17, ABMA19, AO15c, BF15, Bor19, BLS15, BBGR15, BCT15, Cat19, Che16c, CZ17b, CDL15, CJ16, CEHVT15, CLMT15, CCGV19, CS15b, Dai16, DGZ16, EHVV15, tFyZZ15, FZLT15, GLM19, GN15, GR19a, Haz16, HVR16, HVR17, IAK15, JSG15, KKB15, KG19, LJ15a, LR19c, LYZ19, LYXL15, LB19, LFC+19, LMMR15, LpLxG18, MA15b, MS17b, MSHG16, Nak15, PZ17, PZ16a, PV16, Pro16, PIP19, PV19, RA15, RG19, RM19a, Sha15e, Sha16b, SZ18b, SGJS16, SGMH16, SPKC16, Sun18, TM19, TY18]. **convergence** [WK16b, WH18, WLWD18, XY15a, XY17, XY18, YLW15, YSL19, Yu16, Yue19, ZRLX19, Zha15h, ZHX+17, ZZX18, ZZQ18, ZYX19, ZLZW15]. **convergences** [You15]. **Convergent** [CJ17b, AS19a, AU15, Boi15, CPP15, DN15a, Fan18, LHJ15]. **conversion** [GZ15a, SM15a]. **converters** [SB16]. **Converting** [AF18]. **Convex** [ZSA+15, ABGS15, AGZ15, BFIJ15, CL16a, Che15c, Cho19a, CJ17b, DÇO15, DLY17b, GGM18, GWK15, HZ16, HP15c, Isc16, Kim15b, LH15, LB19, MG15, MCZ15, MNNA15, NSR+19, PCW15, PHSB18, RHP18, SISÖ15, SHLW16, SKA16, WJZF19, Wil18]. **Convexity** [SN15c, ZM17, CNNA16, WwQqTW18]. **convolution** [DMH19, HK18a, KAH15, LR16a, Li17e, Li19, Mac15, ÖK19, Boy15]. **convolution-type** [Li17e]. **Convolutions** [DD15]. **convolved** [SR16a, YZ17a]. **cooled** [GSDH15]. **Cooperation** [KZT19, AAA16, BK18a, CCW17, CYGL18, CCW19, CZ18b,

CZM+19, DZD+16, DHY+18, Du19, FK18b, GSD+17, HZS15, HHL+19, LZP18, LY18c, LJG+19, LSX19, LMW+19, LWWZ17, LJ17, LWZ18, Pla15, RCW+18, SLS16, SLLZ19, Tan15e, WWW+17, WJ19, XDG+19, YC18, ZAZ19, ZY16, ZSL17, ZL19c]. **Cooperative** [HM15a, Ma17b, CBGGV17, GLR+18, HWY15b, HHR17, HCY+18, LYH19, Liu15d, MWY17, WJNW15, YWL19]. **coordinate** [BPR16]. **coordinates** [MB15a]. **copper** [VVA+15]. **coprime** [HHZ15]. **core** [Kur18, Ma18, MFF15, RD15, ZMH18, ZC18, MS19a]. **core-EP** [MS19a]. **cores** [GIK19]. **corn** [LTC16]. **corneal** [Len15]. **Corner** [JLL16, TTZX15]. **corona** [VBG+17]. **corrected** [BF16a, EMO18, GNW15, HMF15, YG15b]. **Correction** [Pal19, Bag19, CY15a, LS19b, RAV15, SJW16, Yüz16b]. **corrector** [How15b, How16, JDG18, KDG19, MS17a]. **correctors** [Tha18a]. **correlation** [Zhu15]. **Corrigendum** [DN16, DSDL19, LLZD18a, MAK15a, NCS16, PP15b, Pon17, RRR20, SN18a, Tom15, YLWF16, ZZ15c]. **corrupted** [LJL15a]. **COS** [LOOGB18]. **cosh** [ZXZB19]. **cosine** [AQ15, SIA+17]. **Cosmological** [Dim16]. **cosmology** [SR15f, SSB15b]. **Cospectrality** [AH18b]. **Cost** [SH15b, SJ19a, AE17b, BMT19, FK18b, GYY18, JNGB18, KM19, Kur19, LXPD15, MGPL15, PMSB15, TMM18, WYW16, WSXR19, YJMH18, ZY16]. **cost-effectiveness** [BMT19, WSXR19]. **COSTs** [SCR+15, LW15a, NM15]. **cotangent** [MR19]. **Coulson** [QZL18a]. **Coulson-type** [QZL18a]. **countable** [O'R18b]. **counter** [BAGN+19]. **counter-terrorism** [BAGN+19]. **Counterexamples** [II17]. **Countering** [San19]. **counterpart** [SSS15]. **counterparty** [ASV17]. **Counting** [SZ19c, Flo18]. **Country** [CST+15]. **Couple** [HM19a, SMG+18, SCM19]. **couple-stress** [SCM19]. **Coupled** [KKM15, ANU16, ABS15, AN15, AZ14, ARSV15, AM15h, AZ19, BK18b, Bas19, CCY19a, CZ15c, DBV18, EFPT18, EYE18, Esl16, FFG+16, FJ19, GW15a, GWXZ18, HRS15, HSS15, HM18a, HXW+19a, HM18b, HHG19, ID19, IZ16, Ili19b, KRB15, LdCM19, LJW+15, LCS15, LK19a, Lin19, LGL16, LXL17, LCW19b, LJ19, LCLZ19, MX17, MDH15, MNJM19, NB19a, PKS15, RWW15, RS15a, SV17b, Tho17, TPCL15, WWZD16, WJWX18, WXWX18, WYD+18, WD16, XM15, XCL18, YWYS18, ZPZ+19, ZZL17, ZWHC15, ZZC15, ZLW15, ZMA+18, ZCQ15, dSSB+16]. **Coupling** [IR16, SSPCPG+16, ZLZ+18, AY16a, BK18c, FYZ16, Hua15, LGL16, LMZZ19, LGHW19, MMZ+17, NS17a, NRS19, PAJ+19, RVGS17, RXLM19, SRCA17, TNMR18, Wu15, XJW17, YFW+17, ZQG16]. **Coupon** [CJ17a]. **Courant** [SAES19]. **Cournot** [ANP16, AAA15b, AAA16, AE17b, CMG18, DLJW15, Els17, MS15b, Ued19, ZZC+19b]. **cover** [LYW17, LZ18e, LZ18d, RZH+19, Tu17, ZTW19]. **coverage** [ARV18, KIZ18, LZ15c]. **covering** [BGMS18, IMTJ19, PBMP15]. **Cowell** [LZ17b]. **CPU** [FFGRSV19]. **CPU-based** [GG18]. **CQ** [QLZ15]. **CQ-like** [QLZ15]. **crack** [DL15a, MWY15]. **cracks** [ABN+17]. **Craig** [KSL19, Mis16]. **Cramer** [SWY18]. **Crandall** [BB15a]. **Crane** [Boy17]. **Crank** [BTWY15, LCL17b, QFS17, SLC18, ZJJ18]. **crashes** [LWSX18b]. **creating** [AKL19]. **creation** [IÖ19, LLT19]. **credit** [CLT+15, JYVS15, MBM16, SCB15]. **crises** [WH15]. **Criss** [MZP15]. **Criss-cross** [MZP15]. **criteria** [ABLZ15, AH15, CDJ19, CCD18, DWZ15, DZ15, FAHZ16, GHW19, LLP17, LHS18, MJ19, MGMM17, RDG18, RCRL18, SSZ+18, SLZ+16, SCS+15, SH15c, WL16c, WYCZ17, Zha17c]. **criterion** [CZS15, CXW18, Cho19b, GR17a, LZ18a, LWW15a, LTL16, MR19, QKGW18, Qia16a, Qia16b, WZL15, WDZ17, XCCL18, YZ17b].

Critical [AL19, CSZ19, DH15, Kar19, WZZT19, WC15b, YL18, Zha16a]. **crop** [LTC16]. **Cross** [LLY19, CT15, CT17d, LLWW19, MZP15, NB19a, PZ16b, PL18, YSF16, YW18c, WHX15]. **cross-coupled** [NB19a]. **Cross-diffusion** [LLY19, LLWW19, PZ16b, PL18, YW18c]. **Cross-Hill** [WHX15]. **cross-sample** [YSF16]. **cross-section** [CT15, CT17d]. **crossed** [KC18c, WM18a]. **crossing** [PTO19]. **crossings** [Zha19a]. **crossover** [FTF16, MHZC15, bOqGyK+15]. **crowd** [HZYW15]. **crowding** [DSB15]. **cryptography** [UK18]. **crystal** [AKR15, Qia16a, Qia16b]. **crystallization** [SZO16]. **crystals** [DL16, QX17]. **CS** [NMNTBXVD15]. **CSD** [Ili19b]. **CT** [SKCS15]. **CTL** [WJHA17]. **Cu** [PBP19]. **Cu-water** [PBP19]. **cubature** [BGMZ17, ZWY+15a]. **cube** [KC18c]. **cubed** [KNK15]. **cubed-sphere** [KNK15]. **Cubes** [CYCW15, CT17b, GSLC18, Lai15, WM18a]. **cubic** [AKR15, Bej17, BSZ16, cCpSkZ15, dCM16, DH19a, FHK+19, GK16b, IAW18, KCK19, Kor18, LQZ+18, LLz18, LCW19a, LLdM15, Lu15, MD17, MKN15b, SR15e, SR16b, TSJ16, TW15a, Val15, VLCT18, WTSQ15, XX19a, YY17, YAIN17, ZZG18, ZM17]. **cubic-quintic** [WTSQ15]. **cuboid** [LW19d]. **Cuckoo** [LF15, WW16c]. **culling** [KSN15]. **culture** [SZRC15]. **culture-ant** [SZRC15]. **cumulative** [BBD15, GST19, MRS18]. **cups** [How15a]. **curl** [WSC19]. **current** [ATV19, CLR15, CM17b, EAY17, Hsi15, KCZK15, KCWK15, KM17a, LW15b]. **currents** [BTP17]. **currents-water** [BTP17]. **Curtis** [LX19c, Ma15a]. **Curtis-type** [LX19c]. **curvature** [HYL+19b, KSS19, Len15, Lu15]. **curve** [Cal18, DJLX17, eFJY17, GI16, Han15a, Khl18, KKG18, LLJ19, RRTR15, Sah19a, SR15d, SDGU16, Suk19, TÖGE18, YLH+19]. **curved** [AB15b, Cat17, HMHA15, KHN19, KG16, MLS19]. **curves** [AM16, CM17b, DP15b, Erb16, GT15b, GLW17, HQJ+15, JJ16, KSS19, MPR+17, NEK18, RS15c, Sah19a, SHH15, UGY16, WGL15, XzXqT+15, Zha15c, ZBME16]. **customer** [CRCVMS18, RRS+18, SJ19b, SRAC16]. **customers** [CLC+19, JBS15, PL15a, PD15]. **cut** [AF15, YL18]. **cutting** [Chi15, TTZX15, ZHWW15]. **CVaR** [NM15]. **CWENO** [NKS18]. **CWT** [Mah15]. **cyanobacteria** [NFS+15]. **cyanotoxin** [NFS+15]. **cyber** [LWY+19]. **Cycle** [Li17f, CH19, CRC15, CLT+15, Fer15, LWM18, MHZC15, SD19a, XLS18]. **cycles** [Ber17, CFSGM17, Che18b, DY17, GLN15, GYC19, Lai15, LZS15, Liu15b, LLL19c, LT19, LLdM15, LLdM16, MY19, San16, Sun15a, Xu19d, YY17, YD18, YYL19]. **Cyclic** [Rho19, ZK17, BCD18, BPR16, HGG16, HCH16, IZ16, JH17, LZCW19, Par18b, RDLG16, Rho14, SdR19, WTD+19]. **Cyclicity** [MFOP17, MF17]. **cylinders** [Dan15b, FK18a, ZWM16]. **cylindrical** [KZA19, KA15c, RMM19, RSC16, RS15d, RM19a, RMK19, TPS15]. **cytokine** [HJ18].

D [AIP15, DHX+19, Kaj18, OA15, ÖK19, WL18a, YZ17b, ZWaY18, ADSS16, ABGL17, AV15, AO15c, BAV18, BKW18, BZ17, BFR18, BP17b, BS19b, CWG15, CSV19, CLR16b, Che15e, CW17, CL18, CDL18, CJ16, CVA18, DA19, DL16, Ers16b, FK17, JOÖ16, JDL15, KCWK15, Kan16, KNK15, LYDH18, LZL15b, LTL16, LMMZ18, LDL15, LT18b, MGK+16, MN17, MM18a, MS15d, MKN15b, NB19b, ODP17, Qia16a, QFTT15, RSC16, SA19, SZL+18, SKCS15, SH19, SDWG19, TSA15, VG18, WL16c, WW18, WDG19b, WD19, XJW17, YLL18, YB15, YL19c, ZT16a, ZWF15, ZLDZ16, Zha16c, NKP16]. **D-Kaup** [MM18a]. **D-MORPH** [CL18]. **D.** [AIP15, Kaj18]. **d.c.** [JG17].

Dafermos [MCO19]. **damage** [HK18b, KKM15, KK15c]. **damages** [WR15]. **damped** [ABL15, ACMT15b, BGRT15, BGST16, Che15d, DNC+17, GST15b, ID19, JX19, LSZF18, RS15d, TTP19, WFZ17, ACMT15a, VLCT18]. **Damping** [TTV15, BDGS15, LLX18a, MR15a, YWL18, YZZ18, ZGL15, ZWaY18, Zho15a]. **dams** [SRBA15, YJYH15]. **Darbo** [SSA19]. **Darboux** [LXZ19c, RM15, TÖGE18, Xu15c, XLW15]. **Darcy** [KZR17, NM19, WZWJ18, XLR17]. **dark** [HGH19b, MDH16, WTSQ15]. **data** [AGC19, ATV18, ACD18, BÁR15, CHL17, CLHC15, CCL+16, DDH18, DJLX17, Elm15, GWWL17, GSPH19, GCM+18, GWY15, HKW+17, JCW+15, KŚK+18, KRA+18b, LOOGB18, LWPL16, LXC+19, LS19c, LLX+19, MH19b, OLZ19, PL15b, PTBN19, PP19, QCH19, RSLL+19, SKKL17, SD17, SY15a, SKCS15, SS15c, TB15, TDA17, WZAF15, WJNW15, Wan18, WSH+18, WS19b, WCB19, WHWW19, WW19, XZB+18, XS19a, Yos19, ZZLZ17, ZZL+18a, ZJJ18, ZCL18]. **data-driven** [LOOGB18, XS19a]. **databases** [GTBC18]. **datapath** [BS15a]. **Davey** [GML18]. **Dawson** [AQ18]. **dc** [NJTP19, GMPP18, KSKW+19]. **DCA** [TTD18]. **DCell** [QCH19]. **dd** [KMP15]. **dd-adaptivity** [KMP15]. **DDEs** [LZ16]. **DDM** [ZLW18]. **DEA** [HDG15, KWH17, YZ15a]. **Dead** [ZMH18, XCDZ19, ZWO+19]. **Dead-core** [ZMH18]. **dead-zone** [ZWO+19]. **death** [DGN16, JLL15a, PRA+19, WCH19]. **Deblurring** [LJL16, DHW+19, DMR15, SPW15]. **debris** [Vid18]. **debunking** [TD19]. **Debye** [YZJ18]. **Decay** [CZM18, BR15, CVJ19, FM17a, HW18, MAG15, SAJ18, ZC19a, ZZ15d, ZL17b]. **Decay-rate-dependent** [CZM18]. **deceleration** [TRRP15]. **decentralization** [QZL18b]. **Decentralized** [CHL15, GZC19, WWHZ18, XZLZ17, KLKU18]. **deception** [LXTF18]. **deciding** [LLS15]. **decision** [APMM18, GLL15a, GOH18, HJP16, HLFZ19, KEE17, SCB15]. **decision-making** [GLL15a, GOH18]. **decisions** [CLT+15, ZW15c]. **decomposition** [Alz15, AL18d, BNY15, BK18c, CL19a, CL19b, FA15, GGZR16, HWZ17, HTZY17, KBR15, KZZ15, KK17, KMP15, Kyr17, LQZ+18, LLz18, LLX18b, RCM15, SN15a, SN15b, SHHC18, SD19c, ZZ18c]. **decompositions** [LZ18d]. **decompression** [JJM18]. **deconvolution** [CPP15, LLC+15, LSZ+19b]. **decoupled** [LL17a, ZJJ18]. **Decoupling** [AP18a]. **decrease** [PMSB15]. **decycling** [CRC19]. **dedicated** [PZ19, WWR+15]. **deep** [KSA19, Tsy19, GS19]. **default** [WL16d]. **defeating** [LS15b]. **Defect** [GNW15, SJW16, RAV15]. **defection** [FK18b]. **defense** [FHV15, QTTL19]. **defibrillation** [CK17]. **deficient** [MZP15]. **defined** [AIP15, AK15b, CIPT15, Gar16a, HLT16, Kaj18, TES15]. **defining** [DBV18]. **definite** [ACKS16, ANEP19, tFyZ15, FM17a, HL16, LWS15, SY18c, WZLP18, YZ15c]. **definitions** [SI15]. **deflection** [KS16b]. **deflections** [AJC+18]. **deformable** [BVJ15]. **deformation** [WE19]. **deformed** [Xu15c]. **deforming** [RL15, TSPF18]. **Degasperis** [GYW15, WD16, ZZG18]. **degeneracy** [PP12, PP15b]. **Degenerate** [DKKM15b, KKMS16, DKKM15a, DX17, Erb16, FQMR19, Kim15c, KKD15, KH17, MN17, PS18a, ZJZ15, ZY15d]. **degradation** [PWFY18]. **Degree** [BA17, CD15a, GLW17, AHG15, ARB16, APPE17, ATX19, CYZ17, CDS15, CGJZ18, CYW18, DGNA15, FT18, FKV16, Gou18, GXCY19, Gut16, GFD16, HLL16, Ili18, JYF19, LLWX19, LYS17, LG18, LCM19, LZZT18, LLdM15, LLdM16,

MB19, Rad17, RCTZ18, SZ16, TF18, TDS15, WZL15, WWW19, WYL+19b, XZW+15, YSY+17, YD18].
degree-and-distance-based [GFD16].
degree-balanced [RCTZ18].
Degree-based [CD15a, CDS15, DGNA15].
degree-Kirchhoff [HLL16, MB19]. **degrees** [Zha19a]. **Delay** [HH18b, MAR15, MS15b, PAM19, SZ15, XKWG15, YKJY17, ZWHC15, ZHJ+17, AO15b, ARV18, AK19b, BÇS15, BT15a, BDGS15, BB15d, BDSS15, BB16, BS15b, BGST16, CLL16, Cao19, CCNQ19, CDK17b, CJN19, CSWJ15, CJ18, CD16a, CGZ17, CLCW17, CXZZ18, CWLA18, CSL19, DN15a, DAQI15, DWZ15, DKBS15, DZ17a, FP18a, Fan15b, FLL15, FM16, GWW15, GS15a, GSZ15, GHW19, GLM19, GGHL15, GCMR18, GFG15, GJZ19, GRS+15, GZD19, GM19, GSV18b, GHM15, HD17, HFCS16, HW18, HT16, JHWZ15, JS19, JGX15, KBR15, KN19, KSN15, KKL18, LP15a, LC15b, LZ16, LSZY17, LZ17b, LZCW18, LW18d, LSR18, LSLZ18, LZ18c, LQC+18, LWZ+19b, LTQF19, LLW19, LSL19a, LLLZ16, LLZ17, LXT17, LZ15b, LC15d, Liu15c, LY16b, LYM18, LZ18f, LXW+18, LMW18, LZ19f, LMD19, LWZZ18, LZH+18, LJHW19, MFJZ15, MC15a, MJL16, MLSX18, MLG18, Mil16, MSS15, Miy17, MDZ17, MO15b, Nas19]. **delay** [NT16, NHWZ15, Obr19, Pai15a, Pai15b, PSM17, QKGW18, QBC19, QZW19, QD18, RSC+17, RN19, RZHY16, Reu15, RLM19, SuRI15, SAA19, SM15b, SR17, SLZ+16, SDP16, SZFS17, SM18, SAT15, SWZL19, TTZ+19, TG16, TCS15, TNPL15, Wan17a, Wan15d, WLZ16, WGLZ16, WDZ17, WLZY17, WCZY17, WZZT19, WY16, WSYL18, WLWD18, WNW+19, XZLZ17, XJZ+15, XWZ15, XCL18, XL18b, XDH19, YW15, YL17, YLCW18, YLL15, ZAP19, ZLHH15, ZZLZ17, ZLW19, ZS15c, ZZC16, ZHWW17, Zha17a, ZCXX18, ZYC18, ZYSL19, ZCAN19, ZS19a, ZC19a, ZRLX19, Zha15g, ZZX18, ZZL18b, ZPM16, ZSL+18, ZXX+19].
Delay-dependent [SZ15, XKWG15, YKJY17, ZWHC15, ZHJ+17, CXZZ18, KKL18, LZ16, SLZ+16, XZLZ17, XJZ+15].
delay-differential [FP18a].
Delay-range-dependent [MAR15].
delay-type [SuRI15]. **delayed** [ADY16, AVCCGAVDL15, BW15b, BDSS18, CX19, DHX+19, DKP16, DHS19, EA15a, FYZ16, FZG19, GWW15, GXLL19, GXH18, GIS15, HCX+17b, HCX+17a, HLC19, JAU15, LL15c, LX16b, LZjy18, LW18d, LGC19a, LYH19, LXZL19, MHX17, MPS15, PAM19, PW19b, Pos17, PRC+19, QG16, QZCJ19, QLF15, RP19, SAJ18, SLZ17, TLX19, TS15, WYCZ17, WM18b, WY18, WSH+18, WXLL19, Wu15, XZZ+18, XZ15, XKG15, YWZS18, YFW+17, YLW16, ZLJ15, ZYXF17, ZCX19, ZZH15, ZWZT18, ZDF17].
delayed-HIV [EA15a]. **Delays** [BF16a, AY16a, BPC15, BP17a, BJ19, CGC19, CHL15, CZS15, CZSH17, CLPY18, CG19, CCZ15, CCL+16, DK15a, DCR15, DLXZ19, DHMT15, Du15, EO15, FYSC18, GSPH19, GZLL17, GWXZ18, GSVK17, HS15a, HXW+19a, JYS16, JGKL16, JSW+18, KBR15, Kim15b, LLP17, LY15d, LJ15a, LSAR15, LC16a, LCAA17, LSZ+18, LZ18a, LSMT18, LWL+18, LSLZ18, LSL19a, Lia15a, LS16, LLZ+16, LZG16, LGL16, LYZL18, LGHW19, MRC+18, MA16, MAR15, MH17a, MHZ18, NR16, NLC19, PY19a, PY19b, PW19a, PRMC19, RZSS15, RMB15, SSZ+18, Sha16a, SZ15, SCC17, SD19a, SML18, SLS+18, TXG15, TDL+17, TZD+19, WPL15, WHX18, WDLZ19, WCHW19, WCH15, WZY+19, XYDL16, XZ18, XCCL18, XLL+19, XXZY19, YWL15, YZH+19, Yu16, ZZZ15a, ZXW16, ZDPZ15, ZLW15, ZYXF17, ZZZY17, ZSZ17, ZZ18a, ZWBC18, ZW19b, ZXX+19]. **delineation** [SCS+15]. **delivery** [HSKHA15]. **delta** [BW15a, HLC+17, QFS17].

delta-Eddington-type [HLC+17]. **demand** [AAA15b, Chi15, WQK15]. **demands** [PL15a]. **DEMATEL** [WC15b]. **demicontractive** [AT15a]. **demographic** [GLM16]. **Demography** [IYM19]. **Dempster** [DJW19]. **denaturation** [DLS19]. **dendrimers** [LL18b, SIA16]. **Deng** [BHD18]. **dengue** [ATN+19, SG19b, XZ15, YG15a, ZXC19]. **Denoising** [GS19, CCC+17, CCX15, Laz17]. **denominator** [Han15c, TW15a]. **dense** [YM18]. **densities** [CDP19]. **density** [BMC19, CNQRR18, GG19b, GIT15, KS19c, LDSD19, SK15, Tan15d, ZS16c, CLHC16]. **density-dependent** [Tan15d]. **Density-Ordered** [CLHC16]. **Dependence** [ZW15a, CY15c, Ely15, Liu17b, MCPO15]. **dependent** [Abd15, ABS15, AO15b, AAM19, BHM15, CL19a, CCGP16, CHL15, CZM18, CXZZ18, CLT+15, CVA18, CP15d, DH19b, DSB15, DKZ16, DL17c, Dol15, GS17a, GSZ15, GW15b, GR19a, GR15b, HLIK19, HL15a, HS15b, HG18, HH18b, HYZ+18, HLH17, HL15d, JX19, KCZK15, KLZ19, KB17, KI15, KKL18, LdCM19, LZ16, LW18g, LKZ18, LTQF19, Liu17b, LS19b, LFC+19, LYY15, MDZ15, MWRT17, MAR15, Mil16, PGLG17, PYZS18, PW19a, PL18, RRRR16, RP19, RG19, RZW18, SZ15, SPP17, SMG19, SL15b, SLZ+16, SY19, SJL16, SAT15, SCM19, TRP15, TMPG17, Tan15d, WPL15, Won15, Wu17, XZLZ17, XD15, XJZ+15, XKWG15, XX19b, YKJY17, ZZLZ17, ZLLZ16, ZWHC15, ZHJ+17, ZL17a, ZjA19, ZCCZ19, ZXD15, ZT16c, dFGAN19]. **depending** [ZSL17]. **deployment** [GGM15, SZRC15]. **depot** [ZLLP18]. **depth** [DeC19]. **derivation** [FT17, GYW15]. **Derivative** [HMT15b, ABHR15, ASHSC17, AP19, AG15c, AKKB17, Ata16, CP19, CC18b, DCW15, DQ18, Gao18, GR19a, GT15c, GST15b, Li18, LJL19, LCL17b, MWWM15, Maa15, NHWZ15, RR15, RR18a, RG19, SA16d, SGMH16, SKHA18, WZ15a, WZ16a, Won15, YJW16, Zha15c, ZL19a, ZL19b]. **derivative-dependent** [Won15]. **derivative-free** [ASHSC17, AKKB17, DCW15, SA16d, WZ16a]. **Derivatives** [BLK19, Qi15, ARACCA+18, AHS18, Akt15, ARL15, AM18b, AG15d, AJP18, Ben18, BZ17, DB18, GDS16, Kat15, LQ15, LJ19, Mis16, RA15, Sow18, SQL16, Tua15, XYG+18, XC15, ZT15, ZLD18, ZW18, ZZ19c]. **descent** [BPR16, DLH15, Fio16, FNS15, GS17b, NRAEC19, SDK15]. **describe** [DTJ18]. **describing** [AAS+17, GR17b, SWA+19, WJWX18, Zha15a]. **description** [DLS19, DH17, KSV15, yWyLyY+15]. **descriptor** [CTT+19, Du17a, GZC19, KGS+15, LZ18c, WMZ16, BGSCGL19]. **descriptors** [PL15b]. **Design** [ACTV17, SFC+17, XCY18, ZWY+15a, AM19, BCM17, DZC15, DCJ19, DL15b, eFJY17, Han15a, KVS15, LW17a, LZ18c, LSZ+19b, LWWW15, LXTF18, LLX+19, NT16, QG16, QKGW18, RXZW17, SA16a, SRSZ15, SR15d, SBG+17, TPL16, Wan19a, XZZ+18, YLCW18, YYX+19, YMeFG19, ZZL16a, ZwX16]. **Designing** [PHSB18]. **designs** [DL18a, LLL17a, LLL19b, NPT19, TZ18b, TZC19, YFL16]. **destabilized** [BT15b]. **destabilizing** [CGW19]. **destructive** [CLR15]. **detect** [DLCV17]. **Detecting** [NMS+18, Pet15a]. **Detection** [ABB+18, CLHC16, DMS+18, Du17a, GWK15, KGS+15, KPP18, LW17a, LY17, LSZ+19a, LPS19, LZHC18, RCRL18, XCY18, ZSA+15, ZLLZ16]. **detector** [YLL+16]. **deteriorated** [LZ17c]. **deteriorating** [BS15b, MTY16, SCB15]. **deterioration** [RZR16]. **Determinant** [dFY15, APS16, DÇO15, FSW16, Net15]. **Determinantal** [CN15a, KR15, Kyr15, SR16a, CN19a, GLS16, KM15c, Kyr17]. **Determinants** [HHZ15, ZL15b, ZS15e]. **Determination**

[BB18b, HWBL19, Dan15a, YX15]. **determine** [CD15b]. **determined** [DL17a, TS18, XLS18]. **Determining** [CLL+15, Dan18, FLT18]. **Deterministic** [JA15, WNF19, CM16, KM18b, Vid18, WR15]. **detrended** [FMRRT15]. **Developable** [WJGM19]. **developed** [ZWM16]. **Developing** [CN19b, BCMT15a, GKN15b, PH17]. **Development** [FFG+16, FFTB16, HS15c, KPG16, MC15c, SM15c, Cho19b, Haf17, KSP16, VDV15]. **deviated** [Mus18]. **deviating** [Can15, IT15, JLX15a, PKB15]. **deviation** [DJLX17]. **device** [ANU16, YLL+16]. **devices** [DLCV17, dNdOX+15]. **DG** [LZ19c, Bac15, BB19a, MO16]. **diabetes** [EOP17]. **diagnosabilities** [WX18]. **diagnosability** [GL18b, LHG18, WY17, WM18a]. **diagnosis** [EOP17, GL18b, LGCS19, RCRL18]. **diagnostic** [SR15f]. **Diagonal** [KK16a, HWL+19b]. **diagonalizable** [CCY19b]. **diagonally** [LZZT18]. **diameter** [DLZ18, HWL+19b, MBW19, RGH+15, SISV19, WWH16, WLQZ18]. **Diamond** [LT15, BMGMC17]. **Diamond-** [LT15]. **diaphragm** [KS16b]. **diarrhea** [BMT19]. **Dickman** [DM18]. **Dickson** [KAS16]. **dielectric** [FW18b, QBNF19]. **dielectric-magnetic** [QBNF19]. **diffeomorphisms** [ZQ18]. **Difference** [Sap18, Ach19, AK16a, ANT+16, ABGL17, AO15c, BS16, BD15, Bas19, BBFJ17, BKL+17, BJ19, CXL15, CÖ15, CLS15, CLJ+15, CKSV19, Cui15, DGZ15, DJL17, DFP15, DCR15, DBJC17, Ely15, EdLC18, Far18a, GGHL15, GQC15, GN15, GLL15b, HQ15, HJMB18, HEA15a, HEA15b, HK15, HFCS16, HV15, HP15a, HP16, HJKP18, JDG18, KZR17, KXZ19, KAS16, LL15e, LCQ15, LR16b, LR17, Li17b, LZCW18, LR19b, Liu15e, Liu15a, LZ17d, LXZ19c, LJC16, LT18b, MVS19, Mig15, Mig16, MNR19, MMZ19, Nam19, Oni18, Pos17, PCS17, QXW19, Reh18, RzS15, RW17, RGA19, SAA19, SR15b, SMI18, SR17, SzSC19, SDIS15, Su19, Sug17, SzShG16, SX16, WXY15, WC16, WMLG17, WSLC17, WJWX18, jWgX18, WDCJ19, WDG19b, WR19, WLQ+19, Wei17, WBL17, WLWD18, XZ19, XW19, YMD15, YGZ19, YU15, Yos19, ZEF19, ZB17, ZZ18c]. **difference/local** [Wei17]. **differences** [ALN16, KKT15, LK15, NT19, SR15e, SS15b, YLL+16, ZI18, ZWF15]. **differencing** [BKW18]. **different** [BMDS17, BS15b, HH16, Isc16, JYVS15, Kan19, Kun16, LSL19a, Luk15, MGL19, ND15, PP18b, SAM+16, VS19, ZXDP18]. **differentiable** [DLY17b, HVR16, HVR17]. **Differential** [CGPT15, CW18, DLJT16, DGRR16, KSA19, AB15a, AED15, ALL18a, AÖ15a, ABLZ15, AÖ16, AZL16, AOH17, AHO18, AN15, AM15a, AL18b, ARB19, AEB18, AZ18, AZ14, AAKT15, AIG17, AP19, APL15, ALP15, AK19b, AAH19, AZ19, BD17, BÇS15, BEM15, BT15a, BS16, BMO15, BBF+18, Bas19, BD18, BAE15, BDGS15, BB15d, BDSS15, BB16, BDSS18, BB19b, BGST16, BS15c, BR17, BCD+19, CT17a, CS16a, Can15, CLL16, CPST16, CCNQ19, CR19a, CCJ15, CLX17, CDK17b, CJN19, CZP15, CDJ19, CKW15, CC15, CW17, CH18b, CG19, CCZ15, CMW15, CNQRR18, CKSV19, Cov19, DK15a, DK15b, DTM19, DOR18, DZW15, DK16, DZ15, DPSS16, DO15, Du15, DB17, DJ18, EAAM+15, EA15a, Ely18, FP18a, Fan15a, Fan17, FG19, FY18, FTF16, FY19, FZG19, GS15a, GW15b]. **differential** [Gao16, Gao17a, Gao19, GGHL15, GCMR18, GD15, GAB17, GK15, GQC15, GFG15, GBJ19, GR15a, GLN15, Gra15, GJZ19, GE16, GZ15b, HLZ15, HPN15, HV19a, HJKP18, HZLY17, Hsi15, HL15b, HH18b, tHBSfY19, IT15, JDG18, JS19, JLX15a, JS15, Jia15, JYS16, JISI18, KJ15b, Koc15,

KK17, KDG19, KAS16, LJZ18, LSfW15, LQ15, LJW+15, LSAR15, LC15b, LL16a, Li17a, LH17c, LW18d, LZ18a, LSR18, LZCL18, LK19a, LXZ19a, LLW19, LY15e, LBB18, LWW15a, LWW15b, Liu15g, LWWW15, LFL+15, Liu16b, LDH18, LZ18f, LMMZ18, LZ19f, LWSO19, Liu19, LMD19, LLdM15, LVC15, LRH15, LXZ19c, LZ19g, LO15, MWWM15, Ma17a, MZM15, MRF18, MYHS18, MMV16, Mil16, MH17c, MSS15, MD17, MGMM17, MDZ17, Mus18, Nas19, NRT16, NL18a, NE15, Obr19, OS15, Oka18b, ÖAD15, Özb15, PAE+17, PKB15, Par15, PWS17, PW19a, PZ15, PTBN19, Pi15, PS18b, PS19, PK18b]. **differential** [QXW19, QZ15b, QTF+16, QYF+18, QZW19, RN18, Reh17, RT18a, Reu15, RME18, RRV15, RXL19, SWUE19, SuR15, Sae17, SAA19, SR15b, SR15c, Sak19, SM16, SR17, SHR18, SS19a, SXS15, SPS16, SPST17, SPS18, SN18a, SN18b, SGKR19, SAS19, SM18, SAT15, SE18, TB17a, TSJ16, TZ19b, Tho17, Tom12, Tom15, UBT18, Val15, VRC15, VDV15, VDI17, WNMC15, WqTjT15, WIF15, WZ15a, Wan15d, WLZW15, WA15b, WWZD16, WZ16b, Wan17c, WwQqTW18, Wan18, WXWX18, WY19, WZS19, WY16, WWMX16, WL19c, WZ18b, XPG15, XHW15, Xu17a, XDH19, Xu19b, XL19, YL17, YR15, YW16, YMS16, YWO18, YSL19, YYM19, YG15b, YMMH15, YJSW16, YLH+19, Yüz15, Yüz16a, ZAP19, ZBBW17, ZGGY19, ZSL15, ZS15b, Zha15f, ZAW15, ZY15b, ZLWW15, ZMQ16, ZGH17, Zha17a, ZMZ18, ZYSL19, ZS19a, ZC19a, ZCQ15, ZSY15, ZCX17, ZZX18, ZYX19, ZYJ15, Zho15b, Zho15d, Zho15c]. **differential** [ZYZW16, ZZ19c, ZK18, dSH15, uRIS17]. **differential-algebraic** [AAH19]. **differential-difference** [CKSV19, GQC15, LXZ19c, SAA19]. **Differential-recurrence** [CW18]. **differentiated** [ANP16, AEP15]. **differentiating** [LD19b]. **Differentiation** [KA15b, CZLM18, GBJ19, LWQ18, ZZC+19b]. **differentiator** [Ort15b]. **differentiators** [LD19b]. **Difficulties** [Pet15a]. **Difficulty** [NEK18]. **Diffusion** [AYAA+15, SSM+15, AKAA15, AAA+15a, ARL15, AG15a, Ali15, AHY19, ADG16, Ata16, BMM19, BAB18, Bea15, BS17, BKW18, Bho15, Boy15, BHM15, dCCGV15, CH18a, CL19a, CG15, CM18, CKG19, CLJ+15, CGW16, CZL18, CDZ+18, CC18b, CWL19, CY18, CDL19, CD15d, CL16d, CJ16, CVA18, Cui15, DN15a, DBK15, DSSC19, EFPT18, FZLT15, FQMR19, GS17a, GN15, GPHAPRW16, GHZ19, HW19, HFCS16, HGH19a, HAY19, HAH19, HV19b, HSS15, HYW+15, HHY19, IJ15, IWL17, JM15, JL15, cJzS15, KDH19, KD16, KK16b, Kri18, LRF+18, LLY15, LL15e, LC16a, LCAA17, LZCW18, LW18g, LW18f, LLTL18, LLY19, LZ19d, LW19b, LL19c, LRL18, LZ15d, LDD15, LLG+15, Liu15c, Liu16a, LZ17e, LLWW19, LFC+19, LM15, MHX17, MN17, MHM15, MW18, Mis16, Mou15, NBAGS19, PZ16b, PSY+17, PL18, PST18, PJ15, Pol19, PeO18, PCS17]. **diffusion** [QG19, RLZ19, RzS15, RW17, RZW18, SHA15a, SDS18, SA16b, SZ19a, SZL+18, TTZ+19, TTD17, TXG15, THM19, TDL+17, VD16, WSZ16, WSLC17, WZZ18, WA18, WM18b, WW18, Wan19b, WR19, WGSX19, WX16, Wei17, WSYL18, WNW+19, XW19, XX19b, YMS16, YW19a, YW19b, YAIN17, YW18c, ZMBJ19, ZNV19, ZPZ+19, ZWF15, ZLZ+18, ZJZ15, ZS16c, ZSY17, ZZY18, ZCXX18, ZC19b, ZRLX19, ZZH15, ZCZM15, ZZL18b, ZHW+18, ZWZT18, ZMH18, ZEW19, ZBL15, ZTW16, ZX16, ZS17, ZT16c]. **diffusion-elastodynamics** [HSS15]. **diffusion-wave** [AHY19, HAY19, HAH19, LW18f, SZL+18, Wei17]. **Diffusional** [KA15c]. **diffusive** [CX19, DWTT17, GXH18, HD17, HM19a,

HL15d, KSN15, fLLPY16, MGK+16, STJS16, SL15b, TS15, XZ15]. **diffusively** [ZWHC15]. **diffusivity** [BHM15, CLJ+15, CD15d, Ste19, ZFL18]. **digamma** [QM15b]. **digital** [CMW15, Han19]. **digraph** [ZDJ19]. **Digraphs** [KST16a, CMT+18, DLZ18, FKA17, HFK19, LS15a, LWM17, LH19c, ML17, MR16b, YW18a]. **dihedrants** [LXCK17]. **Dijkstra** [GGAVGGRC15]. **dilated** [MPPP19]. **dilemma** [BM17, CZM+19, ESS16, ESES16, GlH+19, GSD+17, HCS19, HI15a, HCY+18, LGL+19b, NT19, RCW+18, SLS16, Tan15e, Tan17a, Tan17b, WJ19, WL19b, XDG+19, YFLF17, ZAZ19, ZHY16, ZSL17, Sch16]. **dilemmas** [BK18a, LZP18, LSX19, LSLL19, Pla16, Pla17, SLLZ19]. **Dimension** [BLM+16, BGMS18, CP15d, FMSG15, GPRCTRY19, KKTY17, RHP18, TTP19, WLL16, YEMRV17, ZT16b, ZEW19, ZTW16, dSSB+16]. **Dimensional** [YJSW16, eMAGG19, ARB19, AHY19, AND17, AE17a, AD19, AAMC19, AADMM16, BGMZ17, BN15, BB19a, BKKN16, BRD15, BBGR15, BTWY15, CL15b, CGW16, CDL19, CS18, DA17, DPL+18b, DCS15, DL18b, FFN18, FMC15, GZG+15, GfSmL16, GS17c, GYC19, HAC18, HGH19a, HS18, HSS15, HZ17b, HM19b, HSSH18, ID19, cJzS15, KE16, KM17a, Kok15, KLS15, KL16, KNT17, Kra18a, KSV15, KKG18, LJL18, LL18a, LW19b, LL19c, LW18h, LHZM19, LJC16, MWWM15, MZM16, MH19a, MRE18, MMIA19, MFF15, MMV16, MH15a, MH15b, MS19c, Mis16, MD17, MB17, MKS19, MPB+17, NE16, NSM16, OW18, PeO18, QDH+18, RN18, RC17a, RDG18, RSLL+19, SK15, SM19, Sha15d, SBV15, SS19a, SJ18, SGJS16, SV17b, SGY+15, TPS15, TMS15, VK19, VBG+17, WDLL15, WTXZ16, WN16, WYD+18, XYG+18, XW19, YCH19, YMS16, YNMW16, YWH15, Yüz18]. **dimensional** [uDuI18, ZB17, ZH15a, ZW15b, ZF18, ZBH+15, ZHX+17, ZG15b, ZGZ16, ZMH18, ZPT+15, ZLW18, ZT16c]. **dimensionality** [GIS18]. **dimensions** [ACE19b, CKG19, DKKR16, JL15, KL15, LL16c, MLT17, NS17a, PRD19, SdA18, VV18, YÖ18, ZZY+17, Zhu18]. **Dimensionwise** [Rah19b]. **dimer** [LY18b]. **dipolar** [KMR18, MCO19]. **Dirac** [AOS19, Fuk15c, Fuk15d, Fuk15b, GWY15, tHBSfY19, Tha15]. **Dirac-type** [tHBSfY19]. **Direct** [EEG+16, GR15c, HS15b, KBR15, KSN15, AHY19, ARR16, CYLW15, GAT18b, GE16, Hua15, HYW+15, JISI18, LWQ18, SDWG19, ZVL19, BG17]. **directed** [ADMV19b, GDL19, LY15a, ZZL+18a]. **Direction** [Sah19a, DLH15, GZ18, HW19, KM15b, LYXL15, MGK+16, MN17]. **directional** [Tua15]. **directions** [CLZW19, FW18a, Ma17b, NRAEC19]. **directly** [DBV18]. **Dirichlet** [ASA19, BB15a, Cho19a, MHX17, ML15, ZT16c]. **disc** [WZY+19]. **discharge** [GWPA18, ZBKS16]. **discipline** [KGGAV+18]. **Disconjugacy** [AÖ15a]. **disconnected** [GRV15, MK15a]. **discontinuities** [AV18, Kac15, LS17a]. **discontinuity** [SS18b]. **Discontinuous** [AYD19, DKKR16, AKK15, AHY19, ACG19, BCG19, BVJ15, CZ18a, CG15, CDL18, DG15a, Dol15, DS16b, DF16, EKS+15, EO18, FY19, GWK16, GM17a, Gia15a, Gia15b, GGHO18, GLN15, GZW15, GWY15, Hua15, HYW+15, JS16, KCK16, KG16, KFHH15, LJD17, LHLL19, Pis18, PRC+19, QLLY18, QZL+17, Sar17, SSG+15a, SM18, TSA15, UKK17, WSZ16, Wei17, YCH18, YX19a, ZY15c, ZZC19a]. **discount** [SCB15]. **discounted** [BCd15b, CLW18]. **discouragement** [SJ19a]. **Discrete** [DSB15, GG15a, HASC19, HV19b, LLC19, Pai15b, ZV17, AADLF15, AK15a, AO19, AD17, AD19, BH15, CÁGGLP16, CCNQ19, CHRD16, CCC19, CZS15, CL19c, DN15b, DN16, DS16a, DRS16, DLjZ18, DKBS15,

DHS19, Du17a, Fan15b, Fau17, FLL15, Fen15, FXXC19, FLL17, GW16, GHQ17, GWK15, GZW15, HYW+15, HYZ+18, IB15, IR16, JJM18, KBR15, Kim15b, KWT15, Li15a, LSCK15, LW16, LCY16, LR16a, LX16b, LW17a, LWL+18, LLZD18b, LX19b, LSZ+19b, LLZ+19, LZG16, LLL18c, Luo19, MZ15, MFJZ15, MC15a, MJL16, MZ17, Mah17, MMMMB17, MRQZ19, MS18b, Mon19, NR16, Nak18, NMNTBXVD15, NT16, NPT19, NSM16, PR15b, PTBN19, SSZ+18, SSCX18, SLLC19, SFSR18, SDP16, SMZ+17, Tan17a, TZD+19, Upa16, WXZ18, WJZF19, WZZT19, Wu15, WV18, XPZ18, XZCC15, Xu15c, XZHX17, YWL15, YLL15, Yil16, YZ16, ZLDZ16, Zha15e, ZZL16a, ZSZ17, ZCW19a, ZG15a, ZZQ18]. **Discrete** [Boy15, SH15b]. **discrete-approximation** [Mah17]. **Discrete-time** [DSB15, Pai15b, AADLF15, CÁGGLP16, CL19c, Du17a, Fan15b, FXXC19, GHQ17, IB15, Kim15b, LSCK15, LCY16, LX16b, LW17a, LLZD18b, LX19b, LLZ+19, LZG16, Luo19, MFJZ15, MJL16, Mon19, NR16, Nak18, NT16, SSZ+18, SSCX18, SLLC19, SFSR18, SDP16, SMZ+17, Upa16, WJZF19, XPZ18, XZHX17, YWL15, YZ16, ZZL16a, ZCW19a]. **discretely** [AM15b]. **discretisation** [BR17]. **Discretization** [GXH18, Ort15b, ABS15, ASS16, AK18b, BB18a, BFR18, DO18, GSV18b, KKS+16, LT18a, MKS19, Por18, Pöt19, SR19, TM19, ZY15c]. **discretized** [CJN19, PS18a]. **Discrimination** [DSM15]. **Disease** [RS19, VEF19, ADY16, CDHK15, GRS+15, LWPL16, LXJ+17, MMG17, QTXY16, Sah15, WCH19, XWDW17, XZ15, ZHW16]. **diseases** [ARV18, BMT19, FJ19, TMM18, Tor16, Vil16, ZLJ15, ZSW+17, ZG18]. **disjoint** [BLNSF17, GSV15, GSV18a, LYW18, MY19, Mao17, QY17, Yor15]. **disk** [Che15f, DS15, WJL19]. **disk-beam** [Che15f]. **disks** [BM19c, NSR+19]. **dislocated** [SGY+15]. **disordered** [WCZY17]. **disparity** [TES15]. **dispersal** [GZD19, Luo19, RWY19, WYZ+17]. **dispersals** [XYDL16]. **dispersed** [KA15c]. **Dispersion** [BRV18, HGH19a, KKG18, QA19, SRP17, Zha18b, ZBH+15]. **dispersity** [GWPA18]. **dispersive** [BMRS18, GLL15b, KR16, QBNF19]. **Displacement** [WE19, AM15b, GZW15, LR17, XS19b, YCH18, ZZ19a]. **displacement-potential** [AM15b]. **displacements** [JH17]. **dissipation** [GS17c, JL15, Kud16, LFY18, Pan15, Sha12, ZFL18, ZSXW18]. **Dissipative** [SRSZ15, WLH+18, ANU16, CGZ17, CCD18, JIS15, KML19, LKZ18, XZ18, XZZ+18]. **Dissipativity** [LXC+19, SSKA16, DHX+19, JSW+18, NR16, SSZ+18, WHWW19]. **Dissipativity-based** [LXC+19, DHX+19]. **Distance** [ACS15, CS16b, CXL16a, GPRCTRY19, LL16b, AH18b, CMM17, DGNA15, DV15, DESS15, Gat18a, GDZ18, Gut16, GFD16, HP17, HZL18, ID15, II17, JHL19, Jur17, KS19a, KMA16, LR19a, LWM17, LWW19, LD18b, MS15c, ROGS16, TDS15, WL17, XX19a, XLS18, YwFW+19, ZL16b, ZDJ19]. **Distance-based** [CS16b, CXL16a, GPRCTRY19, DGNA15, GDZ18, LD18b]. **distances** [CCLW18, GTBC18]. **distinct** [HTW19]. **distinguish** [FK18b]. **distinguishing** [BRM+19, XLG18, YSY+17]. **distorted** [ZSY18]. **Distributed** [CLZW19, GSD16, HWY15a, HW17b, KMZ19, LLZ+19, LZM+18, SM17, SSCX18, ZLM+18, ZYLY17, Ali15, AM18b, BL15, BL18, CGCK19, Can15, Cao19, CZS15, CWLA18, DAQI15, DQ18, HWY15b, KBR15, LJ15a, LL15b, LZjy18, LWL+18, LTQF19, NND+18, PS19, SHR18, SY18a, SWSW19, TZD+19, Wan17a, WLZ16, WGLZ16, XH16, XCL18, YWZS18]. **Distributed-observer-based** [LZM+18]. **distributed-order** [AM18b, DQ18]. **Distribution**

[MR19, MS15c, BEM15, DDM16, DD16b, DWT17, DL15b, GdS18, GSDH15, Gat18a, GST19, IAK15, JS19, JPY16, JDS18, LXJ+17, LJHA18, Liu19, LO19, LD19c, LTZ+17, MRS18, MSdC+18, NI19, ÖAD15, ÖÖAD15, PVV+15, SJ16, ZY18b]. **Distributional** [LL17b]. **distributions** [CLL+15, Zha19c]. **district** [BES19]. **Disturbance** [GWSC16, KSM+19, Wan19a, XGQW19, YLP19, LDSD19, LNWS18, LMZ+19, zMnZyZ15, QKGW18, YmZHC15]. **Disturbance-observer-based** [XGQW19, YLP19]. **disturbances** [CWL16, CPCQ17, DLXZ19, FW18a, GhDwZS17, HW17b, LSMT18, LLX+19, NPT19, PP18b, TCS15, WXXY19, ZZL17, ZJYD17, ZWO+19]. **disturbed** [FLYG18]. **Div** [EL19a, EL19b, EL19c, dFGAN19]. **divergence** [CDK15, JSM16, Kem16, PMS16, Zha15h]. **divergence-free** [Zha15h]. **Diverse** [HYZ+18]. **Diversity** [Moh19, ATV18]. **dividend** [ZH17, ZXD15]. **dividing** [TH19]. **division** [Kim18]. **divisor** [HHZ15]. **Dixit** [TES15]. **Dixon** [QYF+18]. **DMLPG** [ID19]. **DMP** [DY15]. **DNA** [DLS19]. **do** [Ber17, BF16a]. **Dochev** [Pro16]. **document** [GHZ19]. **Does** [SLS16, SSGG17, Tan17b]. **domain** [AYAA+15, AG15a, AL18d, ARK15, BNY15, BK18c, BRD15, BZ17, BL15, CL19a, CDL18, FLS+15, Gao17b, HMW16, KL16, KK17, KMP15, MSHG16, PWS17, SLLC19, SHHC18, TPS15, XCHW16, YWZ18, ZH15b, ZXC19]. **domains** [AG16, Bea15, BB19a, BDE+15, BÁR15, BVJ15, DA19, EMM17, GS17a, Gia15a, GOA19, HAC18, LB15a, OR18a, WHSS15, WWH17]. **domestic** [Haf17, MPHG15]. **Dominance** [HLFZ19]. **Dominance-based** [HLFZ19]. **Dominant** [DM18, BM19d, LZZT18, YLZT17]. **dominated** [CGW16, MW18]. **dominating** [GHM18, LYW18, SRGW15]. **Domination** [TZC19, BF16b, BS19c, CMSZ18, DH19a, Du17b, MCY19, SRT18, WWL18, YZYgG18, YWLL18]. **dominations** [HLL18]. **donation** [CCW17, CCW19]. **Doob** [ALL18a]. **door** [WWC+15]. **doped** [ZLH16]. **dose** [SNS+16]. **dot** [AÇ18]. **Double** [JBS15, LK19b, PW19a, Pet15b, ZWZ19a, BS19a, GKN15a, GKN15b, HM19a, HW17b, JS15, JLX15b, Kia15, Lam15, LZM+18, LLZ+16, LYZL18, LXZL19, LX19d, MLSX18, MGK+16, PHRB18, SJ19b, Sun15b, YDWZ19, YG18, YWLL18, ZXZB19]. **double-diffusive** [MGK+16]. **double-implicit** [YG18]. **double-integral** [LZM+18]. **double-integrator** [HW17b]. **double-Newton** [GKN15a, GKN15b]. **Double-step** [ZWZ19a]. **double-subpopulation** [JLX15b]. **double-walled** [Kia15]. **doubly** [GMOP18]. **Douglas** [BCH15]. **down** [Alk19, LD17, LLZD18a]. **down-and-out** [LD17, LLZD18a]. **downhole** [DWT17]. **downside** [SBLZ17]. **downward** [PHRB18]. **DPSS** [HMX15]. **DQ** [Tom15, Tom12]. **DQ-based** [Tom15, Tom12]. **drawings** [OFwCW19]. **Drazin** [CLT18, HLT15, HLT16, Kyr15, MD15c, Mos16, MD18b, RMSD16, SS15a, TB17b, Vis15, WMS17]. **Drazin-inverse** [TB17b]. **drift** [KPP18, MZS18, SS18b, TY18, WXM+18, YG18, ZZL18b]. **drift-implicit** [YG18]. **drilling** [MTB18, ZWM16, ZHWW15]. **Drinfeld** [SKBR18]. **drive** [XXZ+18]. **drive-response** [XXZ+18]. **driven** [AYAA+15, BS15a, BLJ+19, CS17, DWS19, GG15c, JMK17, Kim15a, Laz17, LOOGB18, LXTF18, LSLL19, Liu19, MDZ15, Maj18, MZM15, MP18, PRMC19, RWY19, SK15, SS18c, SP15, SZPH16, TM19, TB17a, TLZ17, WJ19, WY19, WLL16, XS19a, XPG15, XDG+19, XL19, YZ18b]. **drop** [BBGR15]. **droplet** [FS16, KRF17]. **dropout** [WSH+18, XCW19]. **dropouts** [HZK+19, HXW+19b, LCY16, SS19b,

TPL16]. **dropping** [SDP16]. **drought** [lZA+19]. **Drude** [QBNF19]. **drug** [EA15a, GNR+19, MSM15]. **drug-eluting** [MSM15]. **Dry** [ZCW+19b, LZ19c, MO16]. **drying** [ZKV+15]. **DS** [LXJ+17]. **DS-I-A** [LXJ+17]. **DSDSA** [GS19]. **DSG3** [NMNTBXVD15]. **DSMC** [FFG+16]. **DTM** [SSB18]. **dual** [CK17, CW18, DJL17, GG19a, JLL16, JPTL15, KHN19, PMSB15, QCH19, RD15, RCTZ18, YP18]. **dual-channel** [PMSB15]. **dual-CISTs** [QCH19]. **dual-phase-lagging** [DJL17]. **duality** [JG17]. **duals** [MK15c]. **duct** [HG18]. **due** [FTE19, Far18b, HRS17, KKG18, Pon18, XY15b]. **Duffing** [LR15]. **Dufour** [PMV16]. **duopolies** [MS15b]. **duopoly** [ANP16, AEP15, AAA15b, AAA16, CMG18, Els17, PL15c, Ued19]. **duplication** [MB15b]. **during** [CZ18b, Kim18]. **Durrmeyer** [AIP15, DD16b, GG15b, GAS17, KA15a, KIAG16, UDA15]. **dust** [Mis15]. **dust-acoustic** [Mis15]. **dusty** [CS19, HRS17, MSI17, SBH17]. **Dwell** [LZLW17, HXW+19b, LW17a, XXW+19, ZLLZ16]. **dwell-time** [HXW+19b, XXW+19, ZLLZ16]. **Dynamic** [AAA15b, BLA15, CCQS16, GLYT16, LYZL18, LMMR15, MN16, NS17b, TPS15, TPL16, ZLJ15, ABL15, ALP18, AH15, BK18a, BAE15, BCd15b, CXP16, CY15c, CST+15, DWZ15, FHV15, GWC+16, GXH18, Gon18, Hac17, HO15, HRS15, HI15b, Hua18, JAN16, KWH17, Kar19, KSM+19, LMZ+19, LGL19c, MG19, Pac19, Pai15b, PSSX17, RZR16, Reh18, RXQ19, RS15d, SZ19b, SRBA15, SH15c, TT18, UMF19, WR15, Wan17a, WA15a, WCH19, WRX+19, XCY18, Yua15, ZWK16, ZCW+19b, ZWL16]. **Dynamical** [ADMV19a, AADF18, HP15c, LJYH19, LXZL19, PRMC19, SSZL17, VLCT18, ZMA+18, ZYC18, AY16a, BGRT15, BM18a, CCTV15, CL16c, ES17b, Fan15b, GG16, GDL16, HST17, LHS18, LO19, LHX15, MWRT17, Moh19, Mon19, MNJM19, RVGS17, SSKA16, Slo15, SS15c, SLWX15, WDLL15, WY18, Wan19a, WHWW19, WZZT19, Wu15, bWzZjH16, XLJC18, XCCL18, YWZS18, YYS17, ZZL+18a, ZWHC15, Zha15a, ZW15b, ZZ16b]. **Dynamically** [NB15]. **Dynamics** [AMN19, CCTV16, DLJW15, DHMT15, Els17, FG15, HJ18, JAU15, LC15d, LB16a, LC16b, LYM18, PW19b, Pu15, SP19, SK19, SZJ19, SZT17, XD15, YW19a, ZYLY19, ANP16, ATN+19, AA16, ARR16, AM15f, BCST19, BCMT15b, BCMT15a, BMT19, BRM+19, dCCGV15, CMG18, CSWJ15, CWD+19, CM16, DSB15, DWTT17, Du19, DZ17b, DZ17a, EA15a, ET15, GKN15a, GKM16, GKN16, HD17, Hsi15, HXS+16, HZCY17, IT15, JGGK15, KZL19, Kha17, KCL19, KSA19, LKM17, LZZL15, LZL+19b, LW19a, DDF18, LXT17, LZ17d, fLLPY16, MM15b, MTMB17, MM16, MS15b, zMnZyZ15, MPB+17, OLZ19, PRL+15, PL15c, PSP17, Pöt19, QLF15, RRS+18, SSB15a, SA16c, SSGG17, SGM+16, SY18a, SRAC16, SG17, SSM+18, SZFS17, SG19b, SWA+19, TMM18, TBSR16, TRRP15, Vid18, Wan15a, WRW16, WLZ16, WGLZ16, WHC18, WD19, WC17, WV18, XLJC18, XWDW17, XJW17, XGZ17, XXZ+18, YSLS17, YLZT17]. **dynamics** [ZLZ+18, ZS15a, ZWY19, ZJ15b, ZLC+15]. **dynamos** [WZY+19]. **dysentery** [BMT19].

e-commerce [BM17]. **e-learning** [DCA15]. **early** [SRK18]. **earthquake** [FMRRT15, GKDHR19]. **Ebola** [ADY16, DCK+18]. **eccentric** [WC18, XX19a]. **eccentricity** [Du17b, HZL18, LZ19b]. **echo** [PAM19]. **Eckhaus** [WTSQ15]. **eco** [CDHK15, FHPV18, LPZL16, MLG18, Sah15]. **eco-epidemiological** [CDHK15, FHPV18, MLG18, Sah15]. **eco-epidemiology** [LPZL16]. **ecological** [CB19, Moh19, dSR15]. **economic** [HS15c,

LTC16, MMB15, TSA15, WH15, ZZH15]. **economics** [LZL19a]. **ecosystem** [HJ15, QTTL19]. **Eddington** [HLC+17]. **Eddy** [TT16, CLR15, KCZK15, KCWK15, KÇ18a, KM17a]. **Eden** [ADMV19b]. **Edge** [AV15, LX17, PJ18, QY17, WWW18, AC19, BM19b, CYY19, CXL16b, Che18b, CMM17, Far18b, GFWH17, GHZ19, HLX17, HHT19, KST15, LLM+18, Laz17, LY15a, LYS17, LWSM16, LT19, Mao17, PP12, PP15b, SY18a, WLQZ18, WZ18a, WWW19, XYZ18, YFLZ18, YL18, YW18b, Zha19a, ZM18a]. **Edge-based** [PJ18, LLM+18]. **edge-bipancyclicity** [LX17]. **edge-colored** [CMM17, XYZ18]. **edge-coloring** [WWW19]. **edge-colorings** [LT19]. **edge-connected** [ZM18a]. **edge-connectivity** [BM19b, YFLZ18]. **edge-directed** [LY15a]. **edge-disjoint** [Mao17]. **Edge-fault-tolerant** [LX17]. **edge-neighbor-scattering** [LWSM16]. **Edge-partition** [WWW18]. **edge-preserving** [GHZ19]. **edge-rupture** [LYS17]. **edge-Szeged** [WLQZ18]. **edge-version** [GFWH17]. **edge-Wiener** [CXL16b, KST15]. **edges** [QGH19, Rad17, SLW16b]. **edit** [DV15]. **Editorial** [Ano18o, Ano18a, Ano18b, Ano18c, Ano18d, Ano18e, Ano18f, Ano18g, Ano18h, Ano18i, Ano18j, Ano18k, Ano18l, Ano18m, Ano18n, Ano18p, Ano18q, Ano18r, Ano19a, Ano19b, Ano19c, Ano19d, Ano19e, Ano19f, Ano19g, Ano19h, Ano19i, Ano19j, Ano19k, Ano19l, Ano19m, Ano19n, Ano19o, Ano19p, Ano19q, Ano19r, Ano19s, Ano19t, Ano19u, Ano19v]. **editors** [RSGFV16]. **EEG** [BMDS17]. **Effect** [HZS15, JAU15, KK15c, LY18c, MB15b, Pan15, Sha12, Ued19, ATK+16, AO15b, ATN+19, DTM19, DSB15, ES15, FG18, HD17, Har16, HM19a, HYJ19, LLY19, LJG+19, LXD19, LFY18, MSI17, MMS17a, MS18b, MRR17, Mou15, MKN15b, PHRB18, PKHD18, PZ16b, Pon17, QZL18b, RHJ18, SRP17, SSG15b, SWSS18, VD16, WQ15, XP17, XY15b, YYX+19, ZBKS16, ZHW16, ZCLS18, ZCFW19, ZL19c]. **Effective** [PGLG17, KMBA18, QW19, TMM18, jXlZX18]. **effectiveness** [BMT19, WSXR19]. **effector** [DDD19, SRJ+15]. **Effects** [AAM19, dCCGV15, GST15b, KCL19, LZP18, LJR19, QTXY16, SH18b, GWW15, JZ15b, KG15, KG16, LSR18, LX19b, LWLM19, MGK+16, MS18a, PMV16, RZSS15, RNM15, RMD18, SMR15, SBH16, WF15a, WXP16, ZLH16, ZML+17, ZL19a, ZL19b, ZWZT18, dSVR17]. **efficacy** [EA15a]. **Efficiency** [GJNRG15, FXC17, LA15, LMMR15, VS19]. **Efficient** [BKW18, Bog18, CCY19a, CSV19, CJ18, DZW15, DG18a, EMO18, JO15, Kac15, Kan19, KM15a, KDTP18, Kue15, LWQ18, LW19a, LX19a, LYDH18, MA15c, PS15c, QTF+16, Sku15, Tan15b, Tan15a, Tu17, WNN16, WGL15, XMX15, ABC+16, AQ18, AS19a, AJC+18, BAM16, CJ15, CWL19, DA19, Deh16, DCS+19, EA15b, FWLC15, FCW+17, FP18b, GTBC18, GN19b, How15b, How16, HLL18, KG19, KD18, KBM16, LPZ19, LH19a, LLL18d, LS17b, MGL19, MD18a, MS17b, MP19a, OW18, PSZ18, RSKB16, RP18, RB15, Rub19, SBV15, SHC+17, SKBR18, SGKR19, TKDF15, TTD18, USCA15, WMLG17, WJWX18, jWgX18, Wu17, WLFH17, YZZ18]. **effort** [MS15c]. **Egalitarian** [Pla16]. **Eggenberger** [DDM16, DD16b]. **egress** [GRV15]. **Ehrlich** [Pro16]. **EIC** [YZZ16]. **EIC-graphs** [YZZ16]. **eigenfunctions** [Deh16, KKT19]. **eigenpairs** [GG15a]. **eigenparameter** [Tha15, ZjA19]. **eigenparameter-dependent** [ZjA19]. **Eigenvalue** [BM19d, BFIJ15, LH17a, LQ15, LJ15b, AK19a, BFJ+17, CSZ19, CEP15, Gia15a, Gia15b, GGHO18, HKL15, HLZ15, HYB17, HM19b, Ili18, JYSR18, KG18, Liu15g,

LLL17b, LPW15, Miy17, NJTP19, OA15, Pan18, SWL16, SD19b, TTP19, WS19b, WD15, XL18a, XBC19, YKZ15, YFY17, YZYgG18, ZY19, ZwX16, ZCEW18, dCSS17]. **eigenvalue/eigenvector** [GGHO18]. **Eigenvalues** [Won15, dF15, CD15b, Deh16, HTW19, JFT17, LGS+18, LLL19a, Lin15, LLTW19, PP18b, RG18a, Tha15, WDB18, YY15, ZW15a, Zha18a, dFKMM15]. **eigenvector** [GGHO18]. **eight** [FKV16]. **eighth** [BAM16, CN15b, CN16b, IH15, KKB15, NCS16, Sha15e, SA16c, SA16d]. **eighth-order** [BAM16, NCS16]. **Eikonal** [DO18]. **Einstein** [ID19, JJ15a, QFS17, WJWX18]. **Eisenhart** [ZH19a]. **either** [Mah15]. **EIV** [ZZ15c, ZZ14, ZZHT17]. **EJIIM** [BW15a]. **elastic** [AZL15, AJC+18, BKKN16, CD16b, lDqCWzH18, FFL16, GT15b, KFHH15, Lia15b, MC15c, NB19b, Rad15, RM16, SM15c, Ton18, TSPF18, WL16a, WE19, ZLL15b, ZZC15]. **elastic-fusion-coupled** [ZZC15]. **elastic-viscoelastic** [FFL16]. **elastically** [Kia15]. **elasticity** [AL18a, AAGZ19, BLK19, BCG19, cCpSkZ15, Che19, MC17, SCY19, Tch15, WHSS15, WZWD15, ZZLY15, ZF18, ZGZ16]. **elastodynamic** [DWRZ17]. **elastodynamics** [AJ17, HSS15, JLL16]. **elastomers** [Sin17]. **elastoplastic** [CSV19, NND+18]. **elastoplasticity** [MHCF15]. **electric** [Hsi15, LW15b, VVA+15]. **electrical** [ASKK19, LW18a, MNJM19]. **electrically** [BLJ+19]. **electricity** [MPHG15]. **electrified** [Alk19]. **electro** [FW18b, RRR19, RRR20]. **electro-osmosis** [FW18b]. **electrochemical** [KSKW+19]. **electrohydrodynamic** [RM19a, RMK19, SKS17]. **electromagnetic** [BRV18, Fau17, KSD+15, MMZ+17, WMZ19]. **electromechanical** [PP18b]. **electron** [Wan16b]. **electron-acoustic** [Wan16b]. **electronic** [CNK+18]. **electronics** [LPS19]. **electrorheological** [WF15a]. **elegance** [MD18c]. **Element** [QDH+18, AGZ15, Ade19, AJ17, ALZ16, BB18a, BY19, BdS19, BRV18, BTWY15, CKG19, CH18b, CLR15, CD16b, DFJ16, DRS18, GS17a, GM15a, GWK16, Gia15b, GWK15, HYB17, HL16, HZLY17, HLJ18, Hua15, IR16, JMW15, JAN16, KCZK15, KM15a, Kok15, KMZ19, KK17, Laa18, LX16a, LZL15a, LCW15, LJD17, LCL17a, LH17c, LZ18b, LML18a, LD19a, LL19b, LZ17e, LS19b, LT18a, LZ17f, MC15c, MKN15b, NRS19, Pan15, QZW19, QFTT15, RRW+15, SA16b, Sha12, SWL16, SLW16a, SW17b, SW17a, SZL+18, SY18b, SLL19, SJW16, SFC+17, SW17c, SDWG19, SH18b, TM19, Ton18, UKE15, WZM15, WQ15, WZWJ18, WA18, WZF+19, WSC19, XJW17, XLR17, XS19b, YZ18b, YCH18, YJK19, YZJ18, hY18, YCLS19, ZL15a, ZLL15b, ZZZ16, ZT16b, ZL17a, ZZ17a, ZZ18b, ZF18, ZC19b, ZZ19a, ZBH+15, ZY15c, ZCZM15, ZZC19a, ZS19b, ZCPM17, ZSF17]. **element-characteristic** [YCLS19]. **Element-free** [QDH+18, LZL15a, LCW15, LCL17a, LD19a, SW17c, WZF+19, XJW17, hY18, ZLL15b]. **elemental** [SNS+16]. **elementary** [CS19, JGBY16, Rui18, RLH15]. **elements** [ABGS15, AGZ15, AAGZ19, AJ17, AM15c, AV15, AP18a, cCpSkZ15, DEdlT17, HK18b, HMT15a, KM15a, KG16, KAMD18, KK16b, LY18d, MBHS18, MM17, MD15b, NKP16, SST18, SCY19, ZZCY16, ZS19b, dFGAN18, dFGAN19]. **eliminating** [ACRZ18]. **elimination** [APS16, SHC+17, She18]. **ellipsoid** [RS17b]. **Elliptic** [Luo15, Cov19, DH15, Gia15a, Gia15b, HL16, HZLY17, HM19b, Khl18, Kue15, LL15d, LWZ16, LML18a, LMMZ18, Mah15, ODP17, SZ16, TTK15, WZ15b, YCZ19, ZZZ15b, ZT16b, ZQG16]. **elliptical** [Bea15]. **Elman** [HWBL19, KŚK+18]. **eluting** [MSM15]. **Embedded** [KGS+15, ARK15, FKR15,

Jai18, MSM15, Pan15, Sha12]. **embedding** [ZCML19]. **embeddings** [RC16]. **EMC** [NKKS16]. **EMD** [LLz18]. **Emden** [IAW18, KF15, MFMK17, SK17a, Tsi19]. **Emergence** [CZ18b, CCW17]. **emergencies** [TD19]. **emergency** [CFS18, CZ18b, WWC+15, ZLLP18]. **EMI** [LLz18]. **emission** [LWZ19a, LXZL19, MNYL18]. **emissions** [ZWY19]. **emitting** [RMD18]. **emotional** [LWGS17]. **Empirical** [YYP18, IR18, LQZ+18, QZL18b]. **Enabling** [KK16b, SHHC18]. **enclave** [SI15]. **Enclosing** [DCT19]. **enclosure** [MKN15b, PBP19]. **enclosures** [WW16a]. **encompassing** [RWH15]. **encryption** [FMB+18, FMB+19, GMOGCCC15, LZKX19, SGFCRM+18, WDG19a]. **end** [DW17]. **ending** [NSN+18]. **endometrial** [HWBL19]. **endpoint** [Boy17]. **enemies** [GGM15]. **energies** [BM16, BHD18, CL15a, CL16b, LQW+15, MMG16, Wan16c]. **Energy** [BBCI18, BCR17, BCI15, FM17a, WYL15, AG15b, BES19, CWG15, CLY17, CCY19a, CvRvdM18, DMG15, DM16, DMG16, DGF17, FXC17, FKA17, Far18b, GT15b, GWX17, GR15b, HFK19, HP16, IB19, Jah17, JJ16, KS19b, LZ18b, LJL18, LH19a, LW19a, LPHH15, LWS18, MDZ15, MDHD18, MLT17, MSdC+18, MR16b, MRS19, QZL18a, RGH+15, SG19a, SLW15, XLYZ19, YWS18, YW18a, Yos19, ZLX19, ZCCL18]. **Energy-based** [WYL15]. **energy-conserved** [CWG15]. **Energy-conserving** [BBCI18]. **energy-dependent** [GR15b]. **energy-preserving** [CLY17, CCY19a, LJL18, LH19a, LW19a, LWS18, MDHD18, YWS18, ZLX19, ZCCL18]. **engine** [MZ15]. **engineering** [GH17, NCEGA15, WWR+15]. **Enhanced** [VK17b, APMM18, BJM16, KSL19, RM16, SNAR15, YLW19]. **enhancement** [FXC17, LJR19]. **enhances** [BR17, SLLZ19, WWW+17, ZSL17]. **Enjoying** [CBGGV17]. **Enlarging** [AG15d, MSHG16]. **ENO** [Liu17a, RR18b, SdA18]. **Enrichment** [NB19b, AGZ15]. **ensemble** [FTF16, VK17b, ZCL18, ZLK+19]. **ensemble-based** [VK17b]. **ensuring** [CS15b]. **entire** [BLNSF17]. **entrance** [ZWL16]. **entries** [LH17a, SS15a, SS17]. **Entropies** [CDK17a, Ras15, CD15a, CDS15, GDZ18, ID15, LQW+15]. **Entropy** [GIT15, CH18c, GWK16, GDRP+19, GST15b, HYJ19, RC17a, WTD+19, YSF16]. **entry** [GCH+19]. **Enumeration** [FZZ18, Yan17]. **envelope** [LLz18, PK15]. **envelopment** [SY15a, TB15]. **Environment** [GSD+17, DKDD15, JAU15, LZT+18, LZ19a, QZJY15, SPP17, YYZ19, ZSL17, ZYZ15, ZZL16b]. **Environmental** [CJG+18, MKMC15, SK19]. **environments** [GGM15, HHL+19, LC15d, WLS15, WXP16, ZW15c]. **EOQ** [JYVS15]. **EP** [MS19a, MD15b]. **Epidemic** [WYZ+17, ADY16, BW15b, CKW17, CJG+18, CCYT19, CJ18, DTJ18, DAQI15, FLMC15, ELP+18, GLM16, KM15d, LLL16a, Li15b, LZT+18, LYZ19, Liu15c, LZ15c, LC16b, LJS18, NY18, QLF15, QZJY15, SJ16, SZFS17, Wan17a, WLZ16, WWK19, ZLZ+18, Zha15e, ZG18, ZWZT18, ZWL+19]. **epidemics** [PRL+15, WGSX19]. **epidemiological** [BP17a, CDHK15, FHPV18, MLG18, Sah15, SKHA18, SHEBS19, XWZ15]. **epidemiology** [LPZL16]. **epilepsy** [PSJJ19]. **Epistatic** [FTF16]. **EPQ** [MBM16]. **equal** [Rad17, ZS19b, DGLE17]. **equal-order** [ZS19b]. **equalities** [LLP17]. **equality** [GZ15a, WCZ15, ZZLZ17, ZZ14, ZZ15c]. **equals** [AK18a]. **equation** [AKAA15, eMA15, eMBHA15, Ach19, AM18a, ABS15, AM15a, AAA+15a, AM15c,

AG15a, ACE19b, AAS+17, Ali15, AR15, AHY19, AL18d, ACG19, Ata16, AO15c, AHK+19, BCO15, BAV18, BMO15, BBCI18, BT15b, BAB18, Bas19, Bea15, BS17, BDGS15, BC15, BRD15, Boy17, BCI15, BC16, CVJ19, CCLS16, CLY17, CFR18, CCNQ19, CLX17, CJN19, CZP15, CGL15, CLJ+15, CCD18, CC18b, CXL18, CCY19b, CG19, CCZ15, CJK17, ÇT16, Cov19, Cui15, DS19, DT16, DBK15, DM18, DFJ16, DWTT17, DSSC19, DQ18, DC16, DO18, DN15c, EM16, EO18, EJF15, EJF16, ES17a, ET15, Fan15a, Fan18, FCM17, FZLT15, FLL17, FM18, FLL+19, GGL15, GM15a, Gao17a, Gao17b, Gao17c, Gao19, GMS19, GGHL15, GAB17, GSP15, GS15b, GN19b, GVA16, GT15c, GLL15b, GfSmL16, GR15b, GR17b, GB19, GM19, HAC18, HJMB18]. **equation** [HA16, HEA15a, HEA16, HLZ15, HK15, HW18, HPN15, HLIK19, HP15a, HAY19, HAH19, HGL19, HL15b, HLLT15, HGM15b, HXM18, HCY15, HYW+15, Hua16, HC18, HGH19b, II18, IS17, IT15, cJzS15, JZ19a, JLY18, JS19, JSLW17, JRM15, KKT15, KRB15, KCK16, KZ16, KAU15, KS16a, KM15b, KK16a, KXZ19, KD16, Kor18, KNT17, Kri18, KSV15, KR16, Kud16, Kud19a, KK17, KC18b, KMP15, LJZ18, LL19a, LP15a, LRF+18, LSfW15, LJL15a, LL15e, LG16, LL16a, Li17b, LG17, LZ18b, LJL18, LW18g, LM18, LZCL18, LLTL18, LR19b, LZ19d, LH19b, LJL19, LSZF18, LWW15a, Lin19, LLG+15, Liu15a, LSW16, Liu16a, LCL17b, LDH18, LLL18c, LW18h, LWS18, Liu18a, LL19d, LG19, LZZ+19, LR15, DPL18a, LFY18, LXZ19c, LZ19g, LM15, LHWG16, LT18b, MDH16, MZM16, MZ17, MM04, MS17b, MMIA19, MVS19, MVRV19, MMV16, MS16a, MR16a, Mis15]. **equation** [MD17, MMK17, MO15a, MS15d, MTJ15, MA15c, Mus18, Nag17, Nam19, NAM18, OPP18, OW18, ÖK19, OB18, Pac19, PKB15, Par15, PW19a, PG15b, PTBN19, Pi15, PJ15, PVL19, PFA15, PeO18, Pu15, QXW19, QDD15, QA19, RAH19a, RG15, Rem18, RZW18, S.15, SWUE19, Sab18, Sae17, SR15b, SJD+18, SDS18, SLC18, Sar17, SR17, SSA19, SR15e, SR16b, SzSC19, SS19a, SLW16a, SY17b, SW17b, SW17a, SZL+18, SPG17, SJW16, SPS16, SPST17, Sin18, SKBR18, SAT15, Sun15b, SW17c, Sun18, SE18, TES15, TSJ16, TZTG17, TLHC17, TTLX17, THM19, TTXZ16, TTK15, UKE15, UBT18, VD16, VD15, VK19, VDV15, VS17, WW16b, WNMC15, WTSQ15, Wan15d, WTXZ16, WMLG17, WTJ17, WWH17, WA18, WXW18, WW18, WDG19b, WJL19, WX16, Wei17, WWMX16, WMSP19, WD16, XCHW16, XX19b, Xu15c, YMD15, YL17, YMS16, YWS18, YLL18]. **equation** [Yan18b, YW19b, YWRP16, YWZ18, YB15, YZ15b, YZ15c, Yüz16b, ZV17, ZNV19, ZEF19, ZB17, ZP16, ZA16, ZWF15, ZJZ15, ZH15a, ZZC15, ZY15a, ZM15a, ZSX15, ZLWW15, ZWLZ15, ZMQ16, ZZY+17, ZYY17, ZZ17a, ZZY18, ZCXX18, ZZG18, ZZ18c, ZJY18, ZXZB19, Zha19c, ZCU15, ZZL18b, ZHW+18, ZMH18, ZEW19, ZY15d, Zho15b, Zho15a, Zho15e, Zho17, ZW15e, dlRGB16]. **Equations** [DGRR16, GSV18b, AB15a, ABC+16, AED15, AF18, ALL18a, AK16a, AR16a, AÖ15a, ABLZ15, ABL15, AÖ16, AZL16, AOH17, AHO18, AN15, ANT+16, ASHSC17, AL18b, AD16, ARB19, AEB18, AZ18, AH15, ARL15, ASA19, AZ14, AAKT15, AIG17, AST18, AM18b, AP19, APL15, ALP15, ARSV15, ABGL17, AIIK15, ACSS15, AR16b, AG16, AKKB17, AM18c, ABMA19, AP15, AK19b, AM15h, AE17a, AD17, AD19, AAMC19, AAH19, AKA19, AZ19, Bab16, BD17, Bag19, BÇS15, BW15a, BEM15, BM15a, BS16, BBF+18, BE19, BB18a, BD18, BAM16, BSZ16, BB15c, BB15d, BDSS15, BB16, BB19b, BdS19, Bog16, BKLW15, BGST16, BFR18, BH15, BHM15,

BJ19, BS19b, BdlRT18, BC16, BS15c, BR17, BK18d, BCD$^+$19, CT17a, CWG15, CS16a, Can15, CP15a, CP19, CPST16, CDK17b].
equations
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equations
[HFCS16, HRS15, HV19a, HARS15, HSAR19, HMF15, HJKP18, HL17, HH15, HS18, HS15b, HV19b, HMT15a, HZLY17, Hsi15, HM18a, HH18b, HM18b, HHY19, HMSS19, HHG19, IAW18, JJ15a, JDG18, JS15, Jia15, JYS16, JT17, JX19, JSG15, JISI18, JAN16, Kan15, Kan16, KJ15a, Kar19, KE16, KM17b, KNBA15, KDH19, KAH15, KL15, KJ15b, Koc15, KK16b, Kri18, KDG19, KAS16, KF15, LdCM19, LQ15, LJW$^+$15, LLY15, LC15b, LCS15, LWS15, LG15, Li16b, LWZ16, LR16a, Li17e, Li17a, LH17c, LZCW18, LW18d, LZ18a, LL18a, LSR18, LLX18a, LK19a, LXZ19a, LLW19, LR19c, Li19, Lia15a, LY15e, LBB18, LWW15b, LMF17, LVV18, LFL$^+$15, Liu16b, LZH16, Liu18c, LZ18f, LMMZ18, LZ19f, LHZM19, LFC$^+$19, Liu19, LMD19, LWW15c, LRH15, LJC16, MHN15, MDZ15, MG15, Ma17a, MX17, MDHD18, MD18a, Mah18b, MRE18, MPW15, MR15a, MHM15, MZM15, MYHS18, MAG15, Mi17].
equations
[MYH15, Mic15a, Mic15b, Mig15, Mig16, MNR19, MMZ19, Mil16, MH17a, MHZ18, MZS18, MH15a, MH15b, MH16b, MH16a, MH17c, MH17b, MS19c, Mis16, MSS15, MGMM17, MDZ17, MDH15, MK16, MKS19, MKN$^+$15a, MO15b, Mou15, NH17, NE16, NBK16, NB19a, Nas19, NRT16, NL18a, NI19, NCS16, NA19, NWNA15, NWN15, Obr19, OR18a, OS15, Oka18b, Oni18, OL19, Özb15, PS18a, PAE$^+$17, PZ17, PHM19, PMC15, PR15a, PWS17, PYZS18, PZ15, PST18, PRD19, Pol19, Por18, PBBF18, Pos17, Pöt19, PS19, PKS15, PKB18, PK18b, QLLY18, QZ15b, QTF$^+$16, QYF$^+$18, QZW19, Qiu18, RDLG16, RZD$^+$19, RWW15, RLZ19, RS15a, RC17a, Reh17, Reh18, RWH15, RzS15, RW17, RT18a, Reu15, RME18, RXL19, Rub19, RM18b, RC17b, SAC18, SuR15, SuRI15, SAA19, SR15a, SR15c, Sak19, Sap18, SMI18, SEKA16].
equations [SM16, SHR18, SN15a, SN15b, SH16, SSK15, SB15, SSB16, Sha16b, SA16c, SSA18, Sha15f, SM15d, SGM$^+$16, SC18b, SK17a, SJ18, SXS15, SS16, SGJS16, Sil16, SK17b, SPS18, SN18a, SN18b, SAS19, SRS17, SR19, SWY18, SY18c, SG15, Ste19, SDIS15, Su16, SM18, Sug17, SI19, SH15c, SzShG16, SX16, TMS15, TRP15, TMPG17, TZ18a, Tan15b, Tan15c, TZ19b, Tha18b, Tho17, Tom12, Tom15, Ton18, TBG16, TY16, TA16, USCA15, USCAAA15, Vab15, VRC15, VDV15, VDI17, WW16a, Wan15c, WZ15b, Wan15e, WZ15a, WHSS15, WM15, WL15, WZ16b, WFZ17, WSLC17, Wan17c, WZZ18, WJWX18, jWgX18, WXZ18, WXWX18, WDCJ19, WX19a, WY19, WR19, WZS19, WNN16, WN16, WAS19, WG15b, WX16, WY16, WL19c, WN15, WLFH17, WBL17, WSZ18, Xy16, XY15a, XY17, XM15, XHW18, XYG$^+$18, XW19, XPG15, XHW15, Xu17a, XL18b, Xu19c].

equations [Xu19b, XL19, XLW15, YÖ18, YDWZ19, YLLH19, YR15, YWO18, YGZ19, YTH19, YSL19, YYM19, YAIN17, YZ17b, Yil16, YG15b, YMMH15, YJSW16, YL19b, YMHW15, YNMW16, hY18, YL19c, Yüz15, Yüz16a, Yüz18, ZAP19, ZMBJ19, uDuI18, ZA16, Zei16, ZZ15a, ZBBW17, ZGGY19, ZS15d, ZSL15, ZS15b, Zha15f, ZAW15, ZY15b, Zha15b, ZWK16, Zha16d, ZMQ16, ZZCY16, ZGH17, Zha17a, ZSY17, ZL17a, Zha17c, ZJJ18, ZW18, Zha18b, ZKKZ18, ZMZ18, ZC19b, ZYSL19, ZS19a, ZC19a, ZRLX19, ZBH+15, ZCQ15, ZSY15, ZZ15d, ZCX17, ZL17b, ZZX18, ZLX19, ZYX19, ZS19b, ZYJ15, Zho15d, ZWT15, ZCC15, ZW15d, Zho15c, ZTW16, ZH16, ZYZW16, ZX16, ZLW18, ZCCL18, ZSY18, ZZ19c, ZSF17, ZLL18, ZT16c, ZK18, dFGAN19, dSH17, dSH15, fP15, uRIS17]. **Equi** [Cho18]. **Equi-Gradient** [Cho18]. **equidistant** [Pal15, Zha17b]. **Equilibria** [LLT19, SSM+18, BCd15b]. **Equilibrium** [Bor19, YLW16, AT15a, BMRS18, CP15c, FPUK15, HH16, HHP18, JK15, Jeo16, LHJ15, MN15, QLLY18, SMR15, SML+15, SPGP18, SCM19]. **equipped** [LWS18]. **equivalence** [BdlRT18, LLL+18b, LCOS19, Zho15d]. **Equivalent** [CDP19, GWSC16, SNS+16]. **equivalent-input-disturbance** [GWSC16]. **erbium** [ZLH16]. **erbium-doped** [ZLH16]. **Erdélyi** [Dar16]. **Erdos** [WYL19a]. **Ergodic** [ZJO+18]. **Ergodicity** [HC18, YYZ19]. **Ermakov** [MR15a, PST18]. **erosion** [SFC+17]. **Erratum** [EL19a, GR19a, MAK16, NN19, Sab18, VK17a]. **Error** [ALZ16, AHY19, DBJC17, GZW15, IZ16, JZ19a, LCW15, LB19, Oka18a, PSY+17, SAES19, dFGAN18, AQ15, AQ18, ASA19, And18, Bac15, Bag19, BÇS15, BBG19, BCNN19, BCG19, BF15, Bor15b, Boy15, CG15, CST18, CKW15, CH18b, CDL15, DA17, DKL15, EGB15, FK17, FM17b, GI15, GGHO18, HL16, HZLY17, KwC15, KAS16, LX16a, LZ17f, MH19a, MW18, MS15c, MNK19, NY15, RzS15, SSS17, SSA18, SY17b, SW17c, SC17, WXY15, WZ16a, WSZ16, WW18, WSC19, XH19b, YZ18b, YCH18, Yil16, YG15b, Yos19, Yüz15, ZL17a, ZCZM15, ZCCL18]. **errors** [PWFY18, Pöt19]. **escape** [WDLL15, WDLS18]. **escaping** [Nav17]. **Essential** [Zhu16]. **essentially** [HJMB18, WYLG19]. **estimate** [CCD18, GI15, GG19b, Yos19, YJW16, ZJZ15, ZCCL18]. **estimated** [GDS16]. **Estimates** [Mor15, Ade19, ASA19, ALZ16, Bac15, BCNN19, CG15, CGW16, CH18b, CCGV19, CKDC16, GG15a, GR15c, HL16, HZLY17, IZ16, JZ19a, LZ17f, NY15, NNA15a, Oka18a, PSY+17, SY17b, WSZ16, WW18, YCH18, ZL17a, ZCZM15]. **Estimating** [ÖAD15, ÖÖAD15, RZMB17, SJ16, DJLX17]. **Estimation** [GdS18, Han19, MS15a, RRTR15, SLLC19, UPMV18, Wan15e, ddGL15, BÇS15, CÁGGLP16, CST+15, CSL19, DLQ17, DCJ19, FDPP18, FvdMS15, Gav15, GZ18, GMPP18, HXW+19b, KS16b, KSP16, KAS16, LX16a, LPJ18, LW15b, LW18a, LSCK15, LLZD18b, LLZ+19, LGC19a, LGC19b, LDSD19, LPS19, LXW+18, MRC+18, MC15b, MC15c, MS15c, PWFY18, Pop17, QZL18b, SKKL17, SDP16, WL18a, WWMX16, XS19a, Yüz15, ZT16a]. **Estimations** [Ele15, GG15b, MHM15, MZM15, MNK19]. **estimator** [BBG19, BCG19, GGHO18, LW18a, XZZ+18, XH19b, ZWY+15a]. **estimators** [Zam19]. **Estrada** [LQG18, LGQL19, Sha15c, WX19b]. **estuary** [ddGL15]. **ETA** [CST+15]. **ethnic** [BMDS17]. **Euclidean** [CGG+18, CKDC16]. **Euler** [AJC+18, AM18b, ASS16, BS16, BN15, CJ16, DKKM15a, GLM19, Kim15c, KL16, KG17, LJL15a, Li16b, LYZ19, LL19c, LT18a, LSY15, Luo15, PBBF18, QLLY18, SHN16, TM19, Xu19a, YG15b, YNMW16,

ZGGY19, ZH19a, ZSY15]. **Eulerian** [GSDH15, JOÖ16]. **European** [ASV17, HS15c, LGO17, MZC19, RPB15, ZLC+18]. **evacuation** [CZ18b, GKDHR19, GW19, HZYW15, HZ17c, WWC+15]. **Evaluating** [BKZA18, GM17b, Gra18]. **Evaluation** [KWH17, SLC18, CXK19, Cho19b, DP15b, DKZ16, JGBY16, LWQ18, RLGGAV15, TG17, YZD15, YF17, ZHY16]. **Evaluations** [Xu19a, VMLO19]. **evaporation** [KRF17]. **Even** [ABLZ15, ABC+16, JZ15a]. **Even-order** [ABLZ15, JZ15a]. **Event** [CXW+19, PY19a, PY19b, SMZ+17, XPZ18, XZHX17, ZZZY17, ZDF17, CL19c, GSD16, LLC18, MLSX18, SRCA17, SWZL19, TFLZ19, WS19a, WRX+19, WXXY19, XD19, YLP19]. **Event-based** [PY19a, PY19b]. **Event-triggered** [CXW+19, SMZ+17, XPZ18, XZHX17, ZZZY17, ZDF17, CL19c, GSD16, LLC18, MLSX18, SWZL19, TFLZ19, WS19a, WRX+19, WXXY19, XD19, YLP19]. **event-triggered/self-triggered** [WS19a]. **Eventually** [CEP15, LLL17b]. **every** [JLL16, ZY18a]. **Evolution** [LMW+19, ACSS15, CS17, CGPT15, CST+15, DK15a, DOZ18, FFN18, FTF16, GZK16, GT15c, GE16, GSD+17, HARS15, HZYW15, HZS15, KSN15, Kur19, Li16b, LZP18, LY18c, LY15e, LZ15e, LL15f, LLB16, LWZ18, Mah18b, ÖAD15, Rem18, SS18b, SS16, SG18, TBG16, Wan15c, WM15, WG15b, XZL15, XL18b, XLW15, ZCLS18]. **Evolutionary** [BLA15, RSGFV16, Sch16, XTXF18, XFTX19, YF17, BK18a, BH15, CDZ+18, DLY+17a, DZY+18, GMOP18, KCSD+18, LJR19, LJ17, MWL+18, SWA+19, TES15, Tan15e, YLZT17, ZWY19]. **evolves** [KZT19]. **Evolving** [XS15, HZ17c, Sha15c, ZXC19]. **Exact** [BdlRT18, CJN19, Esl16, GCMR18, Kud19a, Kun16, ZS15e, eMA15, AIG17, CMW15, GGHL15, HARS15, KZ15, LL18a, LFY18, MZ15, Nas19, RMA15, Rui18, S.15, STVCC17, Sun15b, VDV15, YMHW15, ZA16, ZSL15, ZXZB19]. **exactly** [JFT17]. **example** [Rem18, ZMQ16]. **examples** [BCSG18]. **exchange** [MKMC15, MTCV+16, RXLM19]. **exchanged** [ZH19b]. **exchanger** [PHRB18, RSC16]. **exchangers** [GJR+15]. **excitable** [GO15b, PRA+19]. **exclave** [SI15]. **exdeg** [GA17]. **execution** [dNdOX+15]. **exist** [RP18]. **Existence** [AN15, AL18b, AK15b, DZ16, DO15, FFT15, GW16, GT15c, GZLL17, IJ15, IKMW15, KE16, KHN19, KAH15, LSfW15, LZ15e, LL15f, Lv18, MZM15, NRT16, SZ19b, SAT15, TES15, TNMR18, Vol15, WwQqTW18, XPG15, ZLL15c, ZZL15a, dSH15, BH15, CS16a, CZ15c, Dan15a, DL16, Ers16a, JS16, JX19, KM19, LY17, MDZ15, MHM15, MS16a, Neu16, NE15, RM15, SSA19, SNL19, Yos19, ZLW15, ZY18b, Zho15a]. **Exit** [CFS18, WDLL15, WDLS18]. **exits** [CFS18]. **Exogenous** [SSGG17]. **expanded** [LFL+15]. **Expanding** [AM15e, CSZ15, ZW15b]. **Expansion** [BMC19, AQ15, AK15b, BMR17, CL18, DQW+19, EAAM+15, FLS18, MRF18, ML15, Mil16, MV15, Par15, Zha15h]. **expansions** [BN15, BE17, CE15, CP15b, Che15a, Che16b, Che16a, CP17, CC17, CKSV19, Kan19, MH19a, WL16b, ZG15b]. **Expectation** [ARACCA+18, WJ19]. **expectations** [ZAZ19]. **Expected** [WGL18, LjL15b, Nad15, VEF19]. **experimental** [NFS+15, ÖÖAD15, PL15b, Rog19]. **Experiments** [BB15b, FM17b]. **Explicit** [CXL16b, CCY19b, FR16, HARS15, JH15, lJdW16, LY18d, QZ15a, Tsi19, Vab15, XZW+15, ZAW15, ZXZB19, BdS19, BLJ+19, Boy17, BMRS18, EKO19, FMC15, FCM17, FKR15, LL15e, Mil16, Oka18a, PST18, Pis18, RSKB15, TZ18a, TTXZ16, WSZ16, ZMZ18, ZLX19, ZYX19]. **explicitly** [Zha18b]. **exploited** [MMS18]. **Exploring**

[BS15a, CDZ+18, LW18d]. **exponent** [Our16, WLL16]. **Exponential** [BDGS15, BDSS18, CZS15, GWWL17, HT16, LJ15a, LCAA17, LSMT18, MDZ17, QBC19, RVGS17, SSZ+18, SCC17, Sun18, TY16, XKG15, ZYXF17, ZHWW17, ZZ18a, Zho15b, Ace19a, BPC15, BDSS15, BKW18, CDP19, CZM18, CnTVsL18, DKBS15, EÖ17, FvdMS15, GWW15, GZLL17, JHWZ15, JZ19a, JYS16, KE18, LY15a, LZZ15, LSZ+18, LZ18a, LZ15b, LZ17e, LDH18, Liu18a, LMD19, LS17b, MRC+18, MDG18, Nis15, PRA+19, RN19, Rez15, RM16, SID19, SN18a, SN18b, TSJ16, TF18, yWyLyY+15, WHX18, WDLZ19, WCH15, XC15, YSL19, YMMH15, Yu16, ZZL+18a, ZLW15, ZZC16, ZZX18, ZZ17b]. **Exponentially** [ZNV19, Arm19, EM15, FR16, Li19]. **exponentials** [Zha18d]. **exponentiation** [BLP17]. **exponents** [DH15]. **exposure** [Bhu15, SG17]. **expression** [HWBL19, KSS19, PBB18]. **expressions** [MDH16, Mor17, Nad15, NMM16, QZ15a]. **Extended** [BCM17, KSV15, LSZ+18, XZB+18, XZ18, XZZ+18, ZA16, AAGZ19, AP18b, CJ18, DHX+19, DGF17, DLY17b, LZ17b, LQG18, LL18a, LGQL19, LDH18, LCLZ19, ND15, SSZ+18, SHLL18, YMS16]. **extendible** [DVJ18]. **Extending** [AM17, DEdlT17]. **Extension** [Cat17, GGAVGGRC15, SQL16, AGM16, ACTV17, BA17, BB19a, CZLM18, DZ15, Eft15, GKM16, HW17a, LB15a, MCO19, RF18]. **Extensions** [Che15c, Luo15, MH19b, NMS+18]. **exterior** [LDL15, WWH17, YÖ18, ZQG16]. **external** [AAE19, DF18, FW18a, GST15b, HW17b, KA15c, LY17, TTV15, VVA+15, WXXY19, YmZHC15]. **Extinction** [CYLW15, CXMP16, KL15, ZMT15, AELH15, CDHK15, LXJ+17, LJHA18, SRJ+15, SRK18, Zha15e]. **extra** [WY17, WM18a, YFLZ18]. **Extracting** [TDA17]. **extraction** [AGC19, CNK+18]. **extraneous** [GKN16]. **extrapolated** [BS19b, LT18b, RW17]. **extrapolation** [Dok18, Li17c, LJC16, MH19a, SN18a, SN18b, WZ15b, YKZ15]. **extrema** [Van15]. **Extremal** [CL16b, DM16, FKA17, GT15b, GA17, LQZ16, LBRS18, LW18e, MRS19, Tep19, WX19b, ZL16b, BF16b, CWD16, CWZ17, GL18a, LLWX19, LWW19, PWS17, Wan17b, WWL18, WC18, YKLS19, ZY18a, ZAW15]. **extreme** [MNYL18]. **extremism** [San19]. **eye** [TSPF18]. **eye-fluid-structure** [TSPF18].

Face [GS19, BLNSF17, BST18, LVAB+16, LTC16, SHLL18, TWF+18]. **Facebook** [DW17]. **faces** [LVAB+16]. **facial** [KSS19]. **facilitates** [RCW+18]. **facilities** [ZLLP18]. **facility** [CRCVMS18, Mat15, MK15c, Pal15]. **Factor** [NL18b, BGS19, RSLL+19, ZGL15]. **factoring** [SD17]. **Factorization** [Gol19, TPCL15, DR19, HGM15a, LY15c, SFLM19, TA16]. **factors** [Bor15a, WC15b, XSS+17]. **fading** [LLZD18b, SP19]. **Faedo** [Mus18]. **failure** [HDG15, PK15, ZLDZ16]. **failures** [MCPO15, ZPZ+19, ZW19b]. **Faint** [CnTVsL18]. **fairing** [WZL15]. **Fairness** [WZL15, ZCLS18]. **Falkner** [Li17d, RSKB16, RR18a]. **Falkner-type** [Li17d, RSKB16]. **falsi}** [SM15d]. **Families** [MH19b, AT15a, AKKB17, BCMT15b, BCMT15a, CN16b, SCY19]. **Family** [HM17, AAGZ19, Akt15, ACDT18, AM15f, AK15d, BAM16, BC16, BCT15, CCTV16, CFSGM17, CN15b, CN15d, CN16a, CLMT15, CGMT16, CSTH17, Dob19, eFJY17, GT15a, GHL19, GKN15b, GKN16, GPHAPRW16, GS11, HH15, KKB15, KM15a, KDG19, LKM17, Li17d, LMMR15, NBK16, PV16, PIP19, QZ15a, RS15c, SDGU16, Sha15d, SSK15, SA16c, SK17b, SAS19, WAS19, Xu15c, ZS15d, ZX15]. **Fan**

[BHD18]. **Farmer** [PV19]. **Fast** [ASZD18, AV15, CYCW15, CMW15, DG18b, DPSS16, Khl18, Laz17, MSL15, MWH+18, Naa15, Pal15, SDWG19, TWF+18, ZLC+18, ZM15c, AKK15, CLJ+15, De 17, Fuk15a, Fuk15c, Fuk15d, Fuk15b, HM19b, JGBY16, KMZ19, LPZ19, LZ18b, OA18, PSP17, SNS+16, UKS+16, XS15, XW19, ZZL18b, ZMH18, ZWY15b]. **faster** [NSR+19]. **fatal** [ZWL+19]. **fate** [Tan15e]. **Fault** [Du17a, GSLC18, HYL19a, MLSX18, YYS17, CTT+19, DH17, DCJ19, LX17, LW17a, LZX19, LGCS19, LDSD19, LPS19, LZHC18, RHP18, RCRL18, SJWK18, WLH+18, XCY18, YLW19, ZLLZ16]. **Fault-tolerant** [YYS17, DH17, RHP18, SJWK18, WLH+18, YLW19]. **faults** [KLKU18, KRA+18b, LMW18, QY17, SKKL17, SJWK18, TFLZ19]. **Favard** [KTA15]. **FD** [GM17b, ODP17, PeO18, Su19]. **FDM** [LB19, WD16]. **fear** [Pla17, ZCFW19]. **feasibility** [QLZ15]. **feasible** [JPTL15]. **Feature** [BGSCGL19, VEF19, YSD+17]. **features** [TH19]. **feed** [SS19b]. **feed-forward** [SS19b]. **Feedback** [MA16, PFA15, XZL15, YSWZ17, CR19a, CXP16, CLXW17, CCQS16, CLCW17, DHX+19, DAQI15, DH17, GZC19, HYL19a, KSM+19, LLCR15, LLZ15, LJL15a, LZT+18, LMZ+19, Luo19, Pai15b, RXZW17, SAJ18, SZ15, SLZ+16, SS19b, SWSW19, SML18, SLL+16, TTZ+19, TPL16, TLL+18, Upa16, WLH+18, XCDZ19, XZCC15, XCL18, XZLL17, ZLDZ17, ZMMZ15, ZHWW17, ZW19b, ZXX+19]. **feedforward** [EOP17]. **Fejér** [SISÖ15]. **Feline** [CYLW15]. **FEM** [NMNTBXVD15, AV15, SY19]. **FeO** [KSKW+19]. **Fermi** [Fuk15c, Fuk15d, Fuk15b, NT19]. **ferromagnetic** [Ant18]. **fever** [PTA16, SG19b, TMM18, ZXC19]. **few** [Sza15, Zha19a]. **Feynman** [BHD18]. **FFT** [CDL15]. **FG** [LZL15a]. **FGM** [ABN+17]. **FGP** [Lac15]. **fiber** [HGH19b, LHHS16, LZWZ19, WQ15, ZLH16]. **Fibonacci** [AAF15, BBD15, CT18, MH16b, Sta17, WW17, YZ18a, YZ17a]. **fibration** [AMN19]. **fibre** [KKG18]. **fibre-reinforced** [KKG18]. **Fick** [HSS15]. **Fickian** [LR16b]. **fidelity** [XZB+18]. **Field** [RXLM19, AM15b, BTP17, BGP15, DS15, DWS19, HLJ18, ILPE17, JJ15a, JDL15, Kyr15, Liu16a, LRH15, MMZ+17, MGK+16, MPW15, PL15b, RRR19, RRR20, SV17a, VVA+15, WE19, WMZ19, ZHS18]. **fields** [Ant18, CZ15b, LL19b, QLLY18, YCD17]. **fifth** [AM18a, BdlRT18, CEHVT15, GfSmL16, HGH19b, Kud16, LZH16, SGMH16, Tal15, WTJ17]. **fifth-order** [BdlRT18, CEHVT15, GfSmL16, HGH19b, LZH16, Tal15, WTJ17]. **filariasis** [Bhu15]. **Filippov** [QTXY16, QTTL19]. **filled** [GYY15, GSDH15, SP15, SRP17]. **film** [BTH18, DS15, ZZ18b]. **films** [Alk19, BBGR15]. **Filon** [FMX15]. **filter** [DN15c, Gao18, GGZR16, LW18a, LW17a, LY18a, LSZ+19b, LXTF18, Nak18, PZ16a, WCZ15, XCY18, ZWY+15a]. **filtering** [AM19, AAHT18, CHL15, Kim19, LCY16, MC15a, PY19b, SZPH16, XXW+19, YKJY17, YCX+19, ZLDZ16, ZML+17]. **filters** [AAF15, ARACCA+18, BL15, GMPP18, MGPL15]. **finance** [TVK+16, WZ18b]. **financial** [HDG15, YSX15, ZLS16]. **find** [CN15c, HSAR19, KD18, MN15, NCS16]. **finders** [GKN15a, GKN16, LKM17, vLtTBI18]. **Finding** [CRC15, ZWXW15, AU15, AG15d, GL15a, How15b, KC18b, PH17, PV16, SB15, SM15d, SRBA15, ZA16]. **Finite** [Bas19, BR16b, BDH16, CYSY16, CGZ17, FMDZ19, HWY15b, HJKP18, HS15a, LX16a, LW17a, LXD19, LLLZ16, LLZ17, MFJZ15, RSC+17, RZHY16, SJWK18, SA16b, SYZP16, SGJS16, SJL16, SH18b, WZM15, WZZL16, WSLC17, WXX18, WDG19a,

WRX+19, WSYL18, WNW+19, YSL18, YZ18b, ZXS+18, ZCCZ19, ZBH+15, ZJ15b, Zha15i, ZFZK15, ZWO+19, AT15a, ABGS15, AGZ15, Ach19, Ade19, AJ17, ALZ16, AP18a, BB18a, BY19, BdS19, BGMS18, BTWY15, CXL15, CKG19, CHL15, cCpSkZ15, CZ15b, CGW16, CR18, CH18b, CCL+16, CZ17b, CSA18, CD16b, DJL17, DKZ16, DFJ16, DRS18, DC16, DEdlT17, EdLC18, FDPP18, FZLT15, GW16, GY15, GS17a, GM15a, GGHL15, Gia15b, GN15, GfSmL16, GS11, HJMB18, HEA15a, HEA15b, HYB17, HK15, HFCS16, HWY15a, HP16, HW17b, HK18b, HV19b, HL16, HZLY17, HLJ18, Ied15, JBS15, JDG18, JMW15, JAN16, KKT15, KCZK15, KZR17, KNK15]. **finite** [KM15a, Kok15, KXZ19, KAMD18, KK16b, KK17, KRA+18b, KS19c, Laa18, LSCK15, LCQ15, LR16b, LR17, LL17b, LJD17, LH17c, LZCW18, LW18d, LZ18b, LSR18, LR19b, LZ19c, LL19b, LZ17e, LY18d, LMW18, LS19b, LT18a, LZ17f, LT18b, MC15a, MJL16, MBHS18, Maj18, MVS19, MO16, MRQZ19, MC15c, MKN15b, Nak18, NKP16, NRS19, PSY+17, Pla15, PP19, QZCJ19, QZW19, QFTT15, RC17a, RGA19, SR15e, SY17a, SzSC19, SWL16, SLW16a, SW17b, SW17a, SZL+18, SY18b, SLL19, SJW16, STA+18, SFC+17, Su19, SCY19, TM19, Ton18, TZH15, UKE15, VS17, WZ15b, WMLG17, WLZY17, WZWJ18, WJWX18, WYLG19, WLQ+19, WSC19, Wei17, WLWD18, XLR17, XCL18, XS19b, YMD15, YCH18, YJK19, YW19b, YZJ18, YDLK15, Yos19, YLZT17, YLL+16, YWH15, ZEF19, ZB17, ZI18, ZWF15, ZL15a, ZS15d, ZZZ16, ZSS16, ZT16b, ZZCY16, ZML+17, ZSY17, ZL17a, ZZ18c, ZZ18b, ZC19b, ZZ19a, ZY15c]. **finite** [ZCZM15, ZL19a, ZL19b, ZZC19a, ZS19b, ZSY18, ZSF17, dFGAN18, dFGAN19]. **finite-buffer** [CSA18]. **Finite-difference** [WSLC17, JDG18]. **finite-horizon** [ZML+17]. **Finite-time** [CYSY16, CGZ17, FMDZ19, HWY15b, HS15a, LW17a, LXD19, LLLZ16, LLZ17, MFJZ15, RSC+17, RZHY16, SJWK18, SYZP16, SJL16, WZZL16, WXX18, WDG19a, WRX+19, WSYL18, WNW+19, YSL18, ZXS+18, ZCCZ19, ZJ15b, ZFZK15, ZWO+19, CHL15, CCL+16, DKZ16, FDPP18, HWY15a, HW17b, KRA+18b, LSCK15, LL17b, LMW18, MC15a, MJL16, QZCJ19, WLZY17, XCL18, YDLK15, ZSS16]. **Finite-volume** [BR16b, STA+18]. **finitely** [HHZ15]. **Fink** [Nis15]. **FIR** [LW18a]. **fire** [CFS18]. **Firefly** [ZBKS16, FPKF15, KSK+15, YZMM15]. **First** [KI15, KH17, Tua15, AG15c, BEM15, CL15a, CC18b, CNQRR18, IKMW15, Kud19b, LZS15, LLdM15, MS17b, MRE18, MMDG16, NEK18, Oni18, RSKB15, UHN+18, Xu15b, YY15, Yüz16b, Zho15d]. **first-order** [Oni18, RSKB15]. **Fiscal** [SD19a, QZL18b]. **Fish** [MM16, MMS18, PSM17]. **Fisher** [Ata16, Gat18a, HEA15b, QDD15, WJL19]. **Fisher-KPP** [QDD15]. **fisheries** [GLR+18]. **fission** [WTJ17]. **fitness** [DHY+18, ZHY16]. **Fitted** [TG16, FR16, LD18a, Li18, ZNV19]. **fitting** [GI16, KF19, LWPL16, MH19b, RS17b, SV15a]. **FitzHugh** [BTWY15, FLL17, GO15b, IWL17]. **five** [CH19, LAAZH19, SuSR16]. **five-vertex** [CH19]. **Fixed** [BT15b, ACS15, AKS15, Alf17, AM15h, Boi15, BST18, dCCGV15, CZ17a, DL17b, GK15, GKN16, Han19, HRS15, Jeo16, LR19a, LCAA17, LLTW19, MSL15, Nak18, PN15b, RDLG16, SSA19, SDK15, STD15, TTP16, WF15a, WC15a, WX19b, YLW19, YZYgG18, ZS16a, ZH19a, ZCW19a, ZYLY17]. **fixed-lag** [Nak18]. **fixed-rate** [dCCGV15]. **fixed-time** [LCAA17, YLW19, ZCW19a, ZYLY17]. **Flag** [DL18a, TZ18b]. **Flag-transitive** [DL18a, TZ18b]. **Flat** [MB15a, SSN15]. **flexible** [Abd15, AGM16, Ber15, CSV19,

KRA+18b, Pai15b, XJW17, ZCAN19]. **flight** [XCW19]. **flights** [PRD19]. **FLLOP** [MHCF15]. **floating** [WL16a]. **Flocking** [SWZL19]. **Floquet** [AK16a]. **Flow** [AwEE15, ZS16b, ATV19, AJMN18, AB15b, ATK+16, ÁL15a, AAM19, BKKN16, BAR18, BGP15, Bot15, BLJ+19, BVJ15, CSZ15, CKKF16, CT15, CT17d, DS15, DU18, DL15a, DL15b, EAY17, EM15, ERFE16, Ers16a, FFG+16, FFH+18, FFH+15, FF18, GGAVGGRC15, GAT18b, GCM+18, GYZC15, HM15a, HH16, HHP18, HAMA14, HP17, HRS17, HG18, Jai18, JMW15, JV18, KHN19, KKD17, KCKZ15, KFHH15, KSP16, KSZ15, LCQ15, LR16b, LWLM19, LZY16, Liu18b, LCW19b, LLL18d, DPL18a, MSI17, Mah19, MS17a, MKG15, MP18, MKRS16, MSL15, MNJM19, Neu16, NKNA16, PMC16, Pan15, PK18a, Pel17, Pon18, PP18a, QX17, RRR19, RRR20, RP16, RSC16, RM19a, RMK19, RSO+18, SST17, SS18a, SK15, SSB18, SSN15, SS18c, Sha12, SV17a, SSM17, SMG+18, STVCC17, SH15d, SH18b, WF15a, WXM+18, XP17, XYZK15]. **flow** [YJK19, Zei16, ZYLY19, ZWM16]. **Flower** [IAW18]. **flows** [BBG19, BTH18, BKL+18, CS15a, Cho18, CK18, DMA+19, DMSS18, EEG+16, Ers16b, EdLC18, GG18, Ili19a, KPG16, KMB16, Laa18, LTL16, LXL17, LS19b, MZS18, NB15, Qia16a, Qia16b, RDG18, Tha18a, VG18, WL16c, WLQ+19, WYD+18, Xu19e, Zei16, Zha18e, ZZ18b, ZZX19, ZM19]. **flowshop** [PGLG17]. **Fluctuating** [WW16c, Mou15]. **fluctuation** [FMRRT15, HRS17, KSK+15, ZCW+19b]. **fluctuations** [LYZL18, UPMV18]. **Fluid** [Ili19a, TBSR16, TT16, ZS16b, AHLR19, Awa15, BG18, BBG19, BY19, BGP15, Bot15, CSZ15, CCL+15, CKKF16, CT15, CT17d, DBV18, DWTT17, EAY17, FTE19, FF18, GG18, HAMA14, HMHA15, HRS17, HG18, IR16, Jai18, KHN19, Kud19a, KS19b, Laa18, LX16a, LWLM19, LXL17, LCW19b, LLL18d, LFY18, MSI17, Mah19, MKN15b, NM19, PK18a, Pon18, PP18a, RRR19, RRR20, RP16, RVE19, RL15, RSC16, RM19a, SST17, SSN15, SGM+16, SBH16, STK15, SCM19, TSPF18, WF15a, WL16a, Xu19e, Zha15a, ZLLA19, ZWM16]. **fluid-saturated** [RL15]. **Fluid-structure** [Ili19a, BY19, LX16a, STK15]. **fluidized** [MNYL18]. **Fluids** [ZS16b, DQ18, Kim15a, NS17a, RDG18, RG18b, WTJ17]. **fluoranthene** [LY15b, LY16a]. **fluoranthene-type** [LY15b, LY16a]. **flux** [Maj18, MZS18, PRA+19, Pov15, SS18b, WXM+18, XLR17]. **flux-splitting** [Maj18]. **fluxes** [LWLM19, Liu17a, QZL+17]. **FM** [SJ19b, SJ19b]. **FM/FM/1** [SJ19b]. **foam** [NDZ15]. **Fock** [Fau17]. **Fokker** [GDL16, GAB17, MW18, SR15e, XYG+18, ZJY18]. **fold** [APK15]. **folded** [NMNTBXVD15, QY17]. **folds** [SH18b]. **folk** [BMDS17]. **Follow** [DDF18]. **follower** [WV18]. **followers** [Ask18]. **following** [CL19c, FW18a, LZY16, MGCAPP16]. **followings** [BGS19]. **follows** [LZZ15]. **FOM** [LH19b]. **food** [Liu15d, LJHA18, MMS17a, Sah15, SSB15a]. **food-limited** [Liu15d]. **foot** [CDFP17, LWPL16]. **foraging** [AADLF15, BS15a]. **force** [BKT16, Dan15b, GST15b, KZL19, KM15a, KPP18, Kri19b, KG17, LW16, LH19a, Ma17a, SLW16b, TTV15]. **Forced** [HPN15, YWL19, AÖ15a, AÖ16, LL19b, SH15c]. **forces** [YD18]. **Forchheimer** [KZR17, LCW19b, XLR17]. **Forcing** [ZZ16a, AL19, Bot15, DH19a, GM19, HQ15]. **forecast** [FCW+17, WF15c]. **Forecasting** [YS16, CLHC15, Dok18, Lah18, LX19d, ZCW+19b]. **foreign** [ARR16, Haf17]. **forest** [CYW18]. **forests** [GL18a, LLST19, WTD+19]. **Foreword** [BKS18]. **Form** [SRBA15, BB19b, DPD18, EAAAS15, GS17a, HP17, Ili18, JSM16, Liu18a, LD19b, MNNP19, Nad15, PSPÁV15,

SH16, TG19, VK19, XZW+15, Khl18]. **formalism** [BHD18]. **formation** [DQW+19, FVMO15, IWL17, PL18, TLZ17, WXXY19]. **forms** [AADMM16, CN15a, CN19a, GT15b, HGH19b, JS15]. **formula** [BR16a, Ben18, BLM+16, Che18a, DeC19, DJLX17, EAAAS15, GK17, KDS16, LSM15, MP19b, PVV+15, SdR19, SRK+19, SKP16, Xu17b]. **formulae** [CRC19, Dan15b, PPV15, Reh17]. **Formulas** [Aca15, DHS19, ACK15, AHS18, BGMZ17, Che15a, Che16b, CP17, KA15b, PR15b, QM15a, QZL18a, SHA15b, SHN16, WCS16, XC15, YC15, ZLD18]. **formulated** [TPS15]. **Formulation** [AAC16, ABI19, BFR18, BM18b, KCWK15, KSL19, RSKB15, WYL15, WC17, ZF18]. **formulations** [Oli17]. **Fornberg** [RG15]. **Forward** [WY19, GR15a, SS19b, WZ18b, ZL15c]. **Forward-backward** [WY19, GR15a, WZ18b]. **forward-start** [ZL15c]. **forwards** [TNPL15]. **foundation** [AJC+18, Rad15, RM16]. **foundations** [LZL15a, ZLL15b]. **Four** [CCL+16, Sah19b, TTZX15, AKT19, CH19, DSAB16, HASC19, LA15, MDH15, MKS19, Mon19, SDAB17, SBL16, SuSR16, SGY+15, TH19, WWH16, WWW19]. **four-dimensional** [SGY+15]. **four-parametric** [LA15]. **four-point** [SBL16]. **four-strategy** [AKT19]. **Four-Tank** [CCL+16]. **four-vertex** [CH19]. **Fourier** [ALQ15, BN15, BDE+15, Boy15, CZLM18, DP15b, EO18, HZ17a, HGL19, JZ19a, MRF18, TQ18, WX19a, ZS17]. **Fourier-type** [HZ17a]. **Fourier/discontinuous** [EO18]. **fourth** [Ach19, AM15f, BLK19, BCMT15b, BCMT15a, CFG15, CLY17, Che16c, CN15d, DL18b, GKM16, HASC19, JSLW17, KKB15, KAI19, KNBA15, LKM17, LSfW15, LW18f, LJC16, MDHD18, Mah17, MAJR19, MK16, MMK17, MKS19, NBK16, PK18b, RLZ19, RW17, TBG16, XW19, XLW16, ZY15b, ZLX19]. **fourth-order** [Ach19, AM15f, BCMT15b, BCMT15a, CLY17, Che16c, DL18b, GKM16, HASC19, JSLW17, KAI19, LKM17, LW18f, LJC16, MDHD18, Mah17, MAJR19, RLZ19, RW17, TBG16, XW19, ZLX19]. **Fowler** [KF15]. **FPGA** [GCAA18]. **FR** [PR15a]. **Fractal** [KVZ16, SuSB15, ZTW16, BRD15, BÁR15, FMSG15, GT19, KCK19, RRT15, TWF+18, VV18]. **fractality** [MTCV+16]. **fraction** [CY15a, LSY15, Tan15e]. **Fractional** [AMO18, BC15, CDK17b, CCX15, DOR18, GBJ19, KS16a, LZ19d, LWW15a, MFC17, TT18, YW15, ZBBW17, ZZ15b, ZY15a, AB15a, AKAA15, ALL18a, ABHR15, AHO18, ARACCA+18, AN15, AAA+15a, ANT+16, AL18b, AEB18, AYD19, ARL15, ASA19, AZ14, AG15a, AAKT15, AT15b, AM18b, APL15, ALP15, AHY19, ALN16, AE17a, AJP18, Ata16, AS19b, AZ19, BGRT15, BT15a, BMO15, BD15, BAB18, BD18, Bea19, BS17, Ben18, BTWY15, BCD+19, BBD15, CVJ19, CGCK19, CH18a, CLL16, CLX17, CZP15, CXP16, CZLS18, Che15c, CLJ+15, CKW15, CWHY15, CC15, CW17, CGWW17, CZL18, CC18b, CWL19, CG19, CDL19, CJ16, CS16c, CVMGPPGC15, DK15b, DG15a, Dar16, DB18, DZW15, DCS15, DFP15, DPSS16, DOZ18, DWS19, DQW+19, EAAM+15, ES16, ET15, Esl16, FZLT15, Fen15, FBF18, FÖB19, FY18]. **fractional** [GCAA18, GDM16, Gao18, GD15, GK15, GZK16, GFG15, GS15b, Gra15, GT15c, GZ15b, GR17b, HLZ15, HMZ17, HW19, HFCS16, HH18a, HGH19a, HPN15, HA19, HL17, HS18, HHGC16, HAY19, HAH19, HLLT15, HYW+15, HCX+17b, HCX+17a, HLC19, HHG19, IKMW15, Isc16, JDG18, cJzS15, JLX15a, Jia15, JKK15, KSM+19, Kat15, KAI19, KDH19, KI15, Koc15, KPT16, KDG19, KS19b, Lac15, LL19a, LdCM19, LQ15, LJW+15, LLY15, LL15e, Li17b, LLC18, LZCW18, LW18d, LZ18b,

LW18g, LKZ18, LW18f, LLTL18, LK19a, LGC19a, LW19b, LXZ19a, LGC19b, LJL19, LY15e, LSZF18, LWW15b, LZ15e, LLG+15, Liu16b, LCL17b, LLL18c, LNWS18, LXZ19b, LL19d, LFC+19, LJ19, LO19, LL15f, LFY18, LZ19g, LM15, LHX15, LHWG16, MWWM15, MDHD18, MD18a, Mah18a, Mah18b, MGPPGCCV15, MYHS18, MS19c, MS16a, MO15a, MTJ15, Nag17, NH17, NE16, Nas19, NL18a, NS17b, NE15]. **fractional** [Ort15b, OL19, PAM19, PAE+17, PHM19, PWS17, PZ15, PTBN19, PJ15, PS19, Pov15, PKS15, PKB18, PRC+19, Pu15, QXW19, QW19, RWW15, RS15a, RG15, RzS15, RW17, RZW18, Rui18, S.15, SuR15, SuRI15, Sae17, SDS18, STB16, SHR18, STS15, SISÖ15, SzSC19, SZL+18, SY18b, SXS15, SS16, SSM+15, SMM18, Sin18, SKBR18, SKHA18, Sow18, SML18, SAT15, SzShG16, TB17a, TZ19b, Tar15, THM19, UBT18, VV18, VRC15, VBG+17, WW16b, Wan15c, Wan15e, WXY15, WIF15, WZ15a, WLZW15, WM15, WL15, WZ16b, WFZ17, jWgX18, WXW18, WXWX18, WY18, WDCJ19, WX19a, WR19, WXLL19, Wei17, WLFX15, bWzZjH16, Wu17, WBL17, XZL15, XHW18, XYG+18, XZ19, XW19, XX19b, XXZ+18, XL18b, XLL+19, XL19, YL17, YWL18, YW16, YMS16, YLHS17, YWO18, YZH+19, YAIN17, YmZHC15, YJW16, YWZ18, ZMBJ19, ZV17, ZNV19, ZEF19, ZT15, ZDK15, Zha15f, ZAW15]. **fractional** [ZLWW15, ZSZ17, ZZY18, ZYC18, ZLC+18, ZLD18, ZW18, ZWBC18, Zha18b, ZMZ18, ZJY18, ZLLA19, ZRLX19, ZBH+15, ZCQ15, ZHX+17, ZCX17, ZZL18b, ZLX19, ZL19a, ZL19b, ZZC19a, ZEW19, ZYJ15, Zho15c, ZX16, ZZ19c, uRIS17, GR15b]. **Fractional-order** [AMO18, CCX15, DOR18, KS16a, AKAA15, CZLS18, CWHY15, CC15, GCAA18, Gao18, HW19, KSM+19, LJW+15, LLC18, LK19a, LGC19a, LGC19b, LNWS18, LXZ19b, NS17b, SSM+15, WY18, WXLL19, bWzZjH16, XLL+19, YLHS17, YZH+19, YmZHC15, ZT15, Zha15f, ZSZ17, ZYC18, ZWBC18]. **fractionally** [RS15d]. **fracture** [CR18, ES17b, GLA+17, MPR+17]. **fractured** [LCW19b, RRT15]. **fragile** [DHX+19, KRA+18b, LSCK15, LGC19a, LTZ+17, MRC+18, RSC+17, TTZ+19, ZSS16, ZPM16, ZXX+19]. **fragmentation** [YWS+19]. **frame** [FMB+18, FMB+19, ILP+15, Kri19a]. **frame-like** [Kri19a]. **framelets** [SZ18a]. **frames** [Far16, Kri19a, LZ15a, MFC17, Sko17]. **Framework** [HWL+19a, CH18c, GZG+15, JJ16, LAVME18, LdCC15, Liu15g, NB15, YPZ18, ZX19]. **Fréchet** [AK15b, SGMH16]. **Fredholm** [Bag19, Sab18, AM15c, ASA19, Bab16, BS16, BSZ16, CJ15, DA17, DGZ16, ER15, EGB15, EMM17, FK17, GG15a, KJ15a, LHZM19, MM04, MS17b, MRE18, Mic15a, Mic15b, MH15a, MH15b, MH16b, MH16a, OR18a, OA15, PMC15, Par15, RME18, SR15a, SR15b, Tan15c, YTH19, Yüz15, Yüz16a, uDuI18]. **Free** [SRP17, ASHSC17, AKKB17, BE19, BKL+18, CP19, Cim18, CK18, DCW15, FA18, Fuk15a, wG15a, HRS17, HMT15b, LZL15a, LCW15, LHJ15, LCL17a, LY18a, LD19a, LL19b, LGL19c, Ma17a, Maa15, MGN18, MB17, NMNTBXVD15, Pan15, QDH+18, RA15, Sha12, SA16d, SLWX15, SW17c, WZ16a, WZF+19, WL19b, XJW17, hY18, ZZLZ17, ZLW19, ZLL15b, ZHJ+17, Zha18e, Zha15h, ZZL16b]. **free-matrix-based** [ZLW19]. **free-surface** [BKL+18]. **free-weighting-matrix** [ZHJ+17]. **freely** [CCL+15]. **frequencies** [SI19]. **frequency** [BM18a, BDE+15, BL15, BL18, CM17b, DH19b, GB19, KDS16, KCKZ15, LW18a, NC16, Oli17, SY17a, TPS15, Zad16]. **frequency-current** [CM17b]. **frequency-independent** [Zad16].

Fresnelet [FMB+19, FMB+18]. **fretwidth** [ACC15]. **Freud** [AHM16]. **Freud-like** [AHM16]. **friction** [WZY+19]. **frictional** [MG19]. **frictionless** [HMZ17]. **frictions** [JX19]. **Friedrichs** [BR16b, DB16]. **Fries** [ZAY18]. **Frobenius** [HM18b]. **frog** [LF15]. **front** [Zil15]. **fronts** [ZZM18]. **FRP** [MC15c]. **frustration** [CRC19]. **frustum** [MRR17]. **FS3D** [EEG+16]. **FSPL** [MR16a]. **FSSP** [UHN+18]. **Full** [vLtTBI18, CNQRR18, LL19c, Lia15b, LMZ+19, PL15b, Pla15, Por18, SB16, XCDZ19, ZXS+18]. **full-field** [PL15b]. **full-size** [SB16]. **fullerene** [GDRP+19]. **fullerenes** [AOS17, BHMS15, SZ19c]. **Fully** [LLL18c, ZWM16, BFR18, HYW+15, Ili19b, LRL18]. **fully-coupled** [Ili19b]. **Function** [JZ15b, YSWZ17, Abd15, AQ15, AQ18, AU15, ABMA19, AM18d, ACTV15, AAA15b, Bag15, BB15a, BT15a, BM19d, BH17, Bor15b, CEMR16, CST18, CP15b, Che15a, Che15b, Che16b, Che16a, CNQRR18, DK15b, Dan18, DD19, DDH18, DMH19, Ele15, Fuk15d, GYY15, GKN15b, GDS16, GST15a, GST19, GN15, Hag15, HSAR19, KCWK15, KCK19, Kha17, KwC15, KZZ15, KKG18, LR19a, LKM17, LY18a, LXJ+17, LSM15, MZ15, Mah18a, MRS18, Miy19, Mor15, ND15, NEK18, PSPÁV15, Qi15, QM15b, RLH15, SC18a, SIA+17, SS15a, SS17, SH16, SJ18, SS15b, SuSR15, SGG15a, SN18c, Su19, SGY+15, SQL16, TCY15, TZ18d, VDI17, Wan15e, WL16b, WHTW17, WJZF19, WLLL15, XS19a, YC15, YCZ15, YDCS15, ZLDZ17, ZCU17]. **function-to** [LKM17]. **Functional** [Pol19, AH15, BD17, CC15, CCZ15, Dis15, Du15, Fan15a, FB19, FZG19, GHW19, GD15, HA16, HRS15, HSAR19, JS15, JRM15, KB17, KAH15, KCKZ15, KKL18, LZ18a, LSR18, LDH18, LO19, MZM15, MH17a, MHZ18, MO15a, NHWZ15, OS15, PPV15, QZ15b, Reu15, RXL19, SWUE19, SSA19, SL15b, SH15c, WPL15, Wan17c, WZS19, WN16, XHW15, XL19, ZPRZ18, Zho15b, ZK18]. **functional-differential** [CCZ15]. **functional-integro-differential** [QZ15b]. **functionally** [DWRZ17, HSS15, LZL17, MB17, NND+18, Rad15, WZWD15, ZLL15b]. **functionals** [AR16a, AM18b, CEMR16, CWLA18, LJHW19]. **functions** [AKAA15, AGN15, ACK15, AIK15, AL18c, ALQ15, ASA19, ACKS16, ABA18, ALN16, AD17, APK15, Bab16, BM15a, BB15b, BM15b, BAB18, BMC19, BÁR15, Boy15, Boy17, BC16, CCLS16, CEMR16, CS16a, CM17a, CPST16, CE15, CCH15, Che15c, CP15b, Che15b, CGAL19, CNNA16, DCT19, Dan15a, DA17, DDSL15, DSDL19, DOR18, DT16, DÇO15, DLY17b, DMH19, Dzi15, EFL18, GA15, Gra18, GG15a, GJNRG15, HAC18, HR16, HLC+17, HH18a, HHZ15, IKHS16, Isc16, JNGB18, JGBY16, KKT15, KIAG16, KA15b, KVZ16, KNT17, LS17a, LH15, LL16a, LW18d, LLC19, LDSD19, Li19, Liu18a, MM04, MS17b, MS19b, MRQZ19, MNNA15, MH15a, MH15b, MH16a, MH17b, NR15, NL18a, NMM16, NMS+18, NLC19, NAM18, NNA15b, NB19b, ÖK19, RZD+19, Ras15, Rom19, SS18a, Sab18, SR15a, SA18b, SAM+16, SDGU16]. **functions** [SR15e, SISÖ15, SSN15, Sim15, SGG15a, SGG15b, TLX19, Uça16, Vil16, WA15a, WCS16, WWZ15, WBL17, XC15, Yüz16b, Zad16, ZMBJ19, ZS16c, ZL18, Zha15i, ZHS18, dlRGB16]. **functions-based** [ZHS18]. **fundamental** [AV18, DLCT18, TLHC17]. **fundus** [ARACCA+18]. **funnel** [Hus19]. **Further** [CLQ16, Du17b, EYE18, GWW15, JHWZ15, JSW+18, Kim15b, LS15a, WCH19, Qia16a, SGG15a, VDV15]. **fused** [LK19b]. **fusion** [KŚK+18, WTJ17, ZZC15]. **future** [ZAZ19]. **Fuzzy** [CXP16, MJSA19, APMM18, CHL17, CLZW19, DH17, DZC15, GSPH19, HLFZ19, KBR15, KB15, KSM+19, KRA+18b, LY15d, LZX15, LSLZ18, LZ18c, LGC19b, LXC+19,

LO15, MA16, PY19a, PY19b, RXZW17, RMB15, Rez15, WWHZ18, XD19, XCDZ19, ZLDZ17, Zha19b, ZZMS19, ZYZ15, ZW15c, ZWO+19]. **FX** [ZBL15].

G [KGGAV+18]. **GA** [Gar16b]. **Gabor** [ARACCA+18, LZ15a, PHSB18]. **Gaddum** [MCS+19, YCYL18]. **gain** [LX16b, YQT15, ZZC16, ZML+17]. **gains** [CLW18]. **galactic** [Nav17]. **Galerkin** [Pan15, AJMN18, ADSS16, AKK15, AM15c, AHY19, ACG19, AD19, BCG19, BTWY15, BVJ15, CG15, CKG19, CH18b, CDL18, DWRZ17, DK15c, DBK15, DKKR16, Dol15, DS16b, DF16, EKS+15, EO18, ET15, FY19, GM15a, GML18, GWK16, GM17a, Gia15a, Gia15b, GGHO18, GZW15, HSS15, HZLY17, Hua15, HYW+15, IH15, KCK16, KBK+16, KG16, KFHH15, KK17, LCW15, LWZ16, LJD17, LCL17a, LJL18, LD19a, LHLL19, Lia15a, LZ17e, LW18h, LL19d, LYY15, MMV16, MB17, Mus18, NRS19, Par15, PK18b, QLLY18, QZL+17, QDH+18, QZW19, SH15a, Sar17, SSN15, Sha12, SW17c, UKE15, UKK17, WSZ16, WZWJ18, WZWD15, Wei17, XJW17, YCH18, YX19a, YWZ18, hY18, ZZCY16, ZC19b, ZY15c, ZZC19a]. **Galerkin-finite** [LJD17]. **Galerkin-least** [DBK15]. **Galerkin-Petrov** [AJMN18]. **Galfenol** [KCK18]. **gallery** [SHLL18]. **gallery-based** [SHLL18]. **Game** [GLR+18, ANP16, AEP15, AKT19, Ask18, BM17, hCWW+15, CCW17, CDZ+18, CCW19, CZM+19, DY17, DLJW15, ESS16, ESES16, Els17, FXC17, GW19, GSD+17, HHR17, IÖ19, KEE17, LGL+19b, LJR19, LWWZ17, MS15b, PL15c, SLS16, TES15, Tan15e, Ued19, WWW+17, WHC18, WJ19, WWC+18, WH15, XTXF18, XFTX19, XDG+19, YF17, YFLF17, YLZT17, ZAZ19, ZHY16, ZSL17, ZWY19, ZZC+19b]. **Game-theoretical** [GLR+18]. **games** [AAA15b, AAA16, AE17b, BCd15b, CBGGV17, CYGL18, CP15c, DLD16, DJW19, DLY+17a, Du19, ES15, EEST16, GH17, HI15a, KCSD+18, LWZ19a, LZ17d, LGL19c, LJ17, MWL+18, MCZ15, MN15, NT19, NR18b, NR18a, PSSX17, RCW+18, RSGFV16, Tan17a, Tan17b, WWN+15, WJNW15, WLWA18, WZ18b, WV18, ZWL16]. **GameTheory** [CBGGV17]. **Gamma** [BB15a, KAG15, AM15d, Bag15, CE15, CP15b, Che15a, Che15b, Che16b, Che16a, LSM15, YC15]. **Gander** [PIP19]. **GAOR** [MLW18]. **Gap** [KwC15, FVMO15, NMNTBXVD15, SWSS18, YY15]. **GARCH** [lZA+19]. **Gardens** [ADMV19b]. **Gardens-of-Eden** [ADMV19b]. **Gardner** [FCM17, dlRGB16]. **Gargantini** [PV19]. **gas** [BKT16, CS19, DKL15, ERFE16, ET15, FFG+16, FS16, GR17b, KSV15, PFH+15, RZMB17, SBH17, SR15f, SSB15b, TB15, WLJ15, WXM+18, TD18]. **gas-kinetic** [PFH+15]. **gas-liquid** [KSV15, WXM+18]. **gasdynamic** [AIIK15]. **Gate** [BS19a]. **Gate-MOSFET** [BS19a]. **Gauss** [ASKK19, ALQ15, Dan15a, EHS17, HZ17a, LZH16, LZZ+19, She18, TTLX17]. **Gauss-type** [HZ17a]. **Gaussian** [DZ17a, HC18, Jar15, LPKS16, LO19, NLC19, NKL15, Tha15, WDLL15, WCS16, WLL16, YZ18b]. **Gaussian-wavelet-type** [NLC19]. **GBS** [BM15b, SIA15]. **GCA** [HDG15]. **GCI** [YLCF17]. **GCI-groups** [YLCF17]. **GDN** [ZZX18]. **GDN-stability** [ZZX18]. **gene** [HWBL19, PBB18]. **General** [DAS17, HW18, KAG15, PSPÁV15, SAJ18, ZL19a, ZL19b, ABGS15, AZ14, AVC+19, AK15c, AZ19, BE19, BMC19, BM18a, Boy17, BFIJ15, CM18, CZ17c, CT17d, DAQI15, DHS19, DC16, EAAAS15, FÖB19, JAN16, KZR17, KAS16, LY16a, LY18a, LRH15, MR15b, MJSA19, MAG15, PP15a, PR15b, PZ19, Pro16, QZL18a, Rah19b, RGA19, SJ19a, SG15, STD15, TYD15, TLZ+19, Won15, YKJY17, Zha15f, ZS16c, ZSY17, ZC19a, ZG15a, KJR+18]. **general-constrained** [LY18a]. **generalised**

[PBB18]. **generalist** [JAU15]. **Generalization** [SV15b, Xu17b, ACTV15, Dis15, DLY17b, EHS17, Isc16, KTA15, MM18a, OTE15, SL15a, SGG15b, ŚKK+18, YZ17a, ZWT15]. **Generalizations** [Dzi15, GDF+17, MMM18, Shi15a]. **Generalized** [Aca15, bBjJ16, BLM+16, CIPT15, Ely15, ES16, FPUK15, GT15a, GLL15a, HRS15, II18, Jeo16, jJ15b, JCX19, KM18a, Kim19, LLP17, Li17e, LZX19, Mac15, MGCAPP16, MS19b, Muk16, OB18, RT18a, RT18b, TW15b, WW17, YLLH19, ZY19, AED15, ACK15, ALQ15, AK15a, AO15c, BS16, BR16a, Ben18, BPR16, BMB15, BS15c, BCD+19, CL19b, CC16, CM15a, CMSZ18, CC19, CM15b, Cim18, CCGV19, DMP19, DLF15, DK15b, DS19, DT16, DYW15, DGZ15, Den15, DG18a, DÖA15, DM18, DD15, EAAAS15, ES17a, tFyZ15, FZLZ19, Fen15, FLT18, Flo18, Fuk15c, GLW18, Hag15, HAC18, HA16, HEA15a, HEA15b, HEA16, HLZ15, HP15a, HM18a, HXLC15, HWXC17, HM18b, ILP+15, JK15, JPY16, JSW+18, Kat15, KM15b, KwC15, KR16, Kud16, KF15, Lam15, LW15d, LQW+15, LY15c, LTY16, LZ17b, LMYW17, LGL19a, LZLG19]. **generalized** [LZ19e, LWW15b, LL17c, Liu15a, LSW16, LLX18b, LJ15b, LFY18, LHX15, MWWM15, MGL19, Mal15, MZM17, MYH15, MP19b, MDG18, MD15c, Mos16, MD18b, NL18b, PSZ18, PÖB15, QDD15, RM18a, Rez15, RMSD16, RC17b, SAC18, SFLM19, STB16, SS17, STS15, SHLW16, SSZ+18, Sil16, SGG15a, SGY+15, TXM15, TTP16, Tur18, UDA15, WCS16, WTXZ16, WK16b, WYCZ17, WTJ17, WXLL19, WHWW19, WG15b, XL18a, XM15, XzXqT+15, YLCW18, YW18b, YZ18a, YX19b, YwFW+19, YZ17a, YYP18, YWZ18, YZ15b, ZLW19, ZPZ+19, ZH15a, ZLL15a, Zha16d, ZHJ+17, ZCXX18, ZXZB19, ZL17b, ZH19b, ZS15e, ZC18, ZZL15b, Zhu16]. **generalizing** [BC16]. **generally** [XKG15, XGQW19, YSL18, ZKKZ18]. **generated** [AAKT15, TZS17]. **generates** [DLH15]. **Generating** [CS16a, ZCU17, CM17a, Liu15b, Sim15, Vil16, ZZ17b]. **generation** [BB15b, CMW15, MPHG15, OFwCW19, RLGGAV17, Rom19, SGFCRM+18, Tan15a, XS15, YG15a, ZCL18, ZBME16]. **generations** [Ter15]. **generator** [BB18b, Kok15]. **Genetic** [BKZA18, CWD+19, DKM17, FFN18, FLCSV18, HXW+19b, IKHS16, JPZ+19, KLZT15, LABK15, LS15b, LZG16, MMG15, Sch16, SBG+17, ZZZ15a, ZXDP18]. **Genocchi** [HASA15]. **genome** [DKM17]. **genomics** [AGC19]. **genuine** [GM15b]. **genus** [LG18]. **Geo** [KGGAV+18]. **geodesic** [BM19c]. **geodetic** [GIK19]. **geographic** [GSV17, Ort15a]. **geographical** [KEE17]. **Geometric** [ZZW17, Ewa16, GFWH17, HARS15, LW19d, MMM18, RS16b, SG19a]. **geometric-arithmetic** [MMM18, RS16b, SG19a]. **geometrical** [CK18]. **geometrically** [LZL17]. **geometries** [BBGR15, GCM+18, MCZ15, TBSR16]. **Geometry** [Den15, KG16, CZ15b, GLS19, HW17a, KZA19, KSA19, LB15a, SR15f, WLQ+19]. **geostrophic** [CCD18]. **Gersgorin** [KG18]. **Gersgorin-type** [KG18]. **Gezhouba** [YJYH15]. **Ghorbani** [Das16, DIS17]. **Gibbs** [ACRZ18, BCD15a]. **Ginzburg** [KL15, YMD15]. **girth** [LLTW19]. **given** [BF16b, CWD16, CWZ17, CGJZ18, CZ17c, DLZ18, DMH19, Gou18, HLX17, HHT19, LCM19, LP16a, MBW19, Pos17, SISV19, WWL18, WLQZ18, ZL16b, ZWZ19b]. **giving** [GlH+19, uRAD19]. **Glaisher** [WL16b, You15]. **Global** [CZLS18, CWFL15, CGAL19, DGZ15, EA15a, EO15, FW18a, FLMC15, FLYG18,

GS17c, HQ15, HXS+16, JGGK15, JL15, JX19, KM15d, LJW+15, LLZ15, LZT+18, LL16c, MLT17, MLG18, MDG18, Raz15, SSB15a, SSS17, SL15b, Tan15d, WZAF15, WLZ16, WHX18, WTUZ15, XWZ15, XGZ17, YSWZ17, YSLS17, YL19a, Yu16, ZS15a, Zha16c, ZG18, ZFL18, Zho15a, ZLL18, CFSGM17, Dai16, FHV15, FIG+19, GYY15, GIS18, IT15, JG17, KwC15, KM18b, LSZ+18, LH19b, fLLPY16, Naa15, bOqGyK+15, Prz15, SCZ+17, Wan17a, WHX15, WF15c, bWzZjH16, Yos19, ZLW15, ZLZ16, ZWaY18, ZBME16]. **Globally** [WDLZ19, WCH15, JLL15b, KG19, LS15b, TTK15, YSL19]. **gluing** [Kue15]. **GMDH** [SBG+17]. **GMHSS** [DS19]. **GMRES** [LH19b, Xu19e]. **go** [CD15d]. **goal** [PABA15]. **Godunov** [CT15, CT17d, Zei16]. **Godunov-type** [CT15, CT17d, Zei16]. **Golden** [AAF15, CIPT15]. **Goldstein** [PRD19]. **Gompertz** [Zha15g]. **good** [LHG18, LT19, SC17, WY17, WX18]. **goods** [AEP15, BM19a, hCWW+15, CCW17, CYGL18, CCW19, Du19, GlH+19, HI15b, LJR19, LWWZ17, WWW+17, WHC18]. **Gordon** [Tho17, jWgX18, WX19a, XZ19, Can16, JSLW17, LLL18c, MVRV19, Nag17, PFA15, RS15a, SLC18, SLW15, SC18b, Sun15b, ZXZB19]. **Gordon-Maxwell** [SC18b]. **Gordon-Schrödinger** [SLW15]. **Gorges** [YJYH15]. **Gosper** [Che16b]. **Goto** [UHN+18]. **Gould** [KR15]. **Gould-Hopper** [KR15]. **governance** [HCS19]. **governed** [CH18b, HZLY17, LZ19d, Tan15b]. **governing** [CW17, LW15a, RM19a, RMK19, ZLC+18]. **government** [Haf17]. **Gower** [QG19, STJS16]. **GPU** [EdLC18, GG18, GWK15, GWPA18, PS15c]. **GPU-based** [PS15c]. **GPU/CPU** [GG18]. **GPU/CPU-based** [GG18]. **GPUs** [FFGRSV19]. **Grad** [EL19a, dFGAN19, EL19b, EL19c]. **Grad-Div** [EL19a, dFGAN19]. **grade** [Awa15, DBV18, SST17]. **graded** [BZ16, DWRZ17, HSS15, LZL17, MB17, NND+18, Rad15, SzSC19, WZWD15, ZLL15b]. **Gradient** [Bej17, Cho18, FLMR18, AB18, AKA19, BPR16, CL16a, CGWW17, CRZ19, DCW15, Dai16, DLH15, Dor16, HM18a, LP15c, MKRS16, Nak15, Rad15, RMA15, WSdSY15, WAS19, WY15b, XP17, XS19a, YDWZ19, YLNL15, YUK19, ZJZ15, dSRTZ18, CFR18]. **gradients** [LHHS16, Tha18b]. **grafts** [TBSR16]. **granular** [YM18]. **granularity** [YwFW+19]. **Graovac** [Das16, DIS17, KST19]. **Graph** [ADG19, DESS15, GDZ18, GWXZ18, WTD+19, BM19a, BCD18, CRC15, CHL18, CC19, CLWM19, DMG15, DV15, DSM15, DFSC15, Far18b, FHLL19, FTF16, GFWH17, GKS16, GDL19, GFD16, GDF+17, tHBSfY19, HH17, HL18, ID15, II17, JYF19, KB18, KM15a, KST15, KS19a, LQW+15, LMYW17, LGS+18, LGL19a, LZLG19, LAAZH19, MCS+19, MB15b, MMG16, PTO19, PJ18, QGH19, RC16, Rét19, SLF18, SY15b, SX15, TS18, Tra18, WY17, WGL18, WZ18a, WCD17, WZC17, XZC16a, XLYZ19, YL18, ZW19a, Ino16]. **graph-based** [BM19a]. **Graph-theoretic** [GWXZ18]. **graph-theoretical** [KM15a]. **graphene** [ZZLY15]. **Graphic** [YYL19, ZY18a]. **Graphical** [CGPR15]. **graphics** [PH17]. **Graphs** [CH19, KMS18, STD15, SISV19, AÇ18, ADMV19b, Alf17, AG15b, AK18a, APPE17, AVC+19, ASZD18, ACP19, AC19, AH18b, ATX19, BLNSF17, BM19b, BRM+19, BKKBS19, BS19c, CYZ17, CYY19, CRC19, CL15a, CL16b, CWD16, CWZ17, CZ17a, CLL17, CMSZ18, Che18b, CYW18, CR19b, CC18c, CLSS19, CT17b, CT17c, DM16, DMG16, Das16, DL17a, DGF17, DH19a, DVJ18, DSAB16, DSZY19, DIS17, Dob19, ES17b, FWZ19, FT18, FZZ18, FHK+19, GW16, GLW18, GA17, GA18, GS16, GS18a,

GDRP+19, GPRCTRY19, GIK19, GHM18, GZhL+19, GXCY19, GWX17, GL18b, Gut17, Gut18, HLX17, HHZ18, HV19b, HTW19, HLL18, HD16a, HLW15, HWL+19b, HHT19, HKM18, Ili18, IB19, Jah17, JFT17, JQL15, JLW18, JYSR18, Jin17, JHL19, Jur17, KKTY17, KST16b, KMA16, LLM+18, LLMS16, LLS15, LTY16, LWG16, LYW17, Li17f, LYS17, LLW17, LH17b, LWM17, LQG18]. **graphs** [LG18, LLL18a, LZ18e, LGQL19, LS19a, LCM19, LZ19b, LAAZH19, LL16b, LP16a, LW17b, LD18b, LZH19, LLTW19, LWZ15, LZ17g, MB19, MNJW19, MBW19, MK15a, MSdC+18, MRS19, MD18c, NZZ16, OGC19, QZD16, QY15, SDAB17, Sha15c, SWG+17, Sta17, SX15, SRT18, SJL17, SGDX18, SD19b, TLLD19, TZC19, Tep19, TX18, TDS15, TZS17, Tur18, VZ18, WTZL18, WTD+19, Wan16c, WLQZ18, WWW19, WX18, WYL19a, WC18, WL18b, WS19c, XZC16b, XX19a, XLG18, XGG18, Xu19d, Yan17, YFL16, YSY+17, YW18b, YFH19, YEMRV17, YQ15, YQT15, YFY17, YQD17, YLQ17, YHY+18, YKLS19, YSZ19, Yue16, YWLL18, Zha19a, ZWL18, ZLSX18, YZZ16]. **gravitational** [LJK15, QLLY18, SRH15]. **gravity** [Dim16, MS18a]. **gray** [CLHC15]. **Greed** [Pla17]. **greedy** [ZTW19]. **Greeks** [JO15]. **green** [WC15b, CCLS16, KKG18, LJD17, PSPÁV15]. **grey** [LX19d]. **Grid** [BBGR15, JO15, RAV15, Boy15, How15a, KVS15, LR16b, PBMP15, Qiu18, RDG18, RG18b, SH16, SY17b, VVD15, YX19a, ZWF15]. **gridding** [GYZC15, LB15a]. **grids** [AP18a, Bac15, BNY15, BDH16, CJK17, CLR15, FM18, KCZK15, KJR+18, LR19b, LR19c, PSY+17, RC17a, RV16, SCY19, TZH15, Wil18, YW19b]. **GRLW** [HEA15a, HEA16, KZ16, LM18]. **Gröbner** [SS15a]. **Gronwall** [Fen15, LW19c, ZAP19]. **Gross** [Kri18, MDH16, WMLG17, WJWX18]. **Grossberg** [EO15, LCAA17, PRC+19, ZDPZ15]. **grossone** [CPS18, Mar16, De 18]. **ground** [Hac17]. **groundwater** [YCLS19]. **Group** [HI15a, LM15, MFMK17, Ste19, eMA15, ACP19, AC19, CSZ15, DHW+19, FHV15, Fio15, Fio16, GLL15a, GS16, GZD19, HAC18, HI15b, HH17, lJdW16, KM15d, Liu15a, Luo19, LJL16, QTTL19, RWY19, SJD+18, TRRP15, WY17, WWK19]. **Group-separations** [HI15a]. **groups** [ACKS16, BMDS17, Bra15, DL18a, GS18a, HZYW15, JK15, LLL19b, ML17, RS19, YLCF17]. **growing** [Arm19]. **Growth** [YSWZ17, AM15a, BBD15, JAU15, LMF17, LDH18, PS16, RRTR15, SAES19, SD19a, TSA15, TY16, TÖGE18, XSLW17, XWZ15, YYM19, ZK18]. **Grüss** [APTS15, LT15, STS15]. **Guaranteed** [YJMH18, XD19]. **Guo** [RZD+19]. **Gupta** [Mal15]. **gymnast** [ZLWS15]. **gyrostat** [ILPE17]. **gyrostatic** [RMD18].

H1N1 [LLL16a]. **H7N9** [XSS+17]. **Haar** [Bag19, AND17, EGB15, Hsi15, PJ15, SuR15]. **Hadamard** [SISÖ15, AT15b, BGMZ17, CGCK19, Che15c, Gav15, MWWM15, NNA15a, PWS17]. **haemodynamics** [Tor16]. **Hager** [WAS19]. **Halanay** [YWL15]. **Halanay-type** [YWL15]. **Haldane** [DDD19, Kha17]. **Hale** [BB19b]. **half** [ABLZ15, ABL15, CDJ19, CMT+18, CC18c, DK16, Fuk15b, Gao17c, HV19a, HXM18, MSM15, MKS19, NR15, Reh17, SST17, SZJ19, WLZ19a, YJY16, ZDK15]. **half-arc-transitive** [CC18c]. **half-boundary** [Gao17c]. **half-embedded** [MSM15]. **half-integral** [NR15]. **half-line** [HXM18]. **half-linear** [ABLZ15, ABL15, CDJ19, DK16, HV19a, Reh17]. **half-planes** [YJY16]. **half-quadratic** [WLZ19a]. **half-saturated** [SZJ19]. **half-step** [MKS19]. **Hall** [EAY17, FAHZ16, WL16c, YZ17b, YL19c].

Hall-MHD [YZ17b]. **Halley** [AKKB17, CCTV16, KBM16, LSZ15, NBK16, Sha15e, WK16a, WK16b]. **Halley-like** [NBK16]. **Hamilton** [Hua16, Ied15, WYL19a]. **Hamilton-connected** [WYL19a]. **Hamiltonian** [ABI19, Ely18, FLYG18, HMD19, HGL19, KC18c, LWS18, LJS17, LHX15, Lv16, MD15a, MD18a, MM18a, NC16, SMZ15, SZ17, SZ16, VZ18, WG15b, YY17, ZZZ15b, ZY19]. **Hamiltonian-conserving** [HGL19]. **Hamiltonian/skew** [ZY19]. **Hamiltonicity** [JYF19]. **Hammerstein** [DN16, AD16, AST18, CB17, DN15b, DA19, MRQZ19, Mic15b, MM18b, MO15b, SR15a]. **Hamming** [ZGH17]. **hand** [ACMT15b, ACMT15a, Kac15, LWPL16, YZ19]. **Handling** [PMS16, AY16a, AP19, CCW19, ZLZ+19]. **Hankel** [CLQ16, CSZ19, DÇO15, IS16, Mah18a, NCEGA15, XMX15, ZCEW18]. **Hansen** [KKB15]. **hantavirus** [XZG19]. **haptotaxis** [MT15]. **Harary** [HLW15]. **hard** [MZC19, Sun18, ZYH15]. **hard-to-borrow** [MZC19]. **hardening** [VB15]. **Hardness** [LLW17]. **hardware** [KTD15, KDTP18]. **Harmonic** [APK15, Sin17, Che18a, Ele15, GST15b, KM17a, Lam15, LR16a, MNNA15, MV15, PAK15, SA18b, ZQ18, uRAD19]. **harmonically** [Che15c, Isc16]. **harmony** [MJSA19, ACC15]. **Hartwig** [DKM15]. **harvest** [SSB15a]. **harvesting** [AO15b, AA16, DL17d, EFL18, HL15a, LLZ+16, LB16b, LYM18, PSM17, QD18]. **Hassell** [XZCC15, ZS15c]. **Hausdorff** [FMSG15]. **having** [CNNA16, Kac15]. **Hayat** [PK18a]. **HB** [PW19b]. **HB-AFT** [PW19b]. **HBV** [XSLW17]. **HBVMs** [ABI19]. **HCNNs** [Yu16]. **HD** [SPGP18]. **HDMR** [BB15b]. **health** [DKN16]. **Heat** [BST18, Mah15, ZT15, ZS16b, AwEE15, ABS15, AB15b, ATK+16, BKLW15, CKG+16, DJL17, DBV18, DL15a, EAY17, EM15, GJR+15, HJMB18, Har16, HLIK19, HMHA15, HCY15, HLH17, KHN19, Kun16, LP15a, LCL17a, MVS19, MPPP19, MKMC15, MR16a, NM19, PHRB18, PMV16, Pan15, Pov15, RZMB17, RMM19, RSC16, Sha12, SV17a, Ste19, Su19, TPS15, TY16, XCHW16, Xu19c, YDWZ19, YM18, YWYS18, Yan18b, YX15, ZjW19, ZL19a, ZL19b, ZS17]. **heat/mass** [HMHA15]. **heated** [GSDH15, HAMA14, Mah15, PK18a]. **heater** [MS18b]. **heating** [AKR15, BES19, KK15b]. **Hedging** [WL16d]. **height** [ATK+16]. **Heiles** [ILP+15]. **Heine** [PR15b]. **Heisenberg** [Pu15]. **Hele** [ÁL15a, CS15a, CK18, Kim15a]. **helical** [Ers16b, NKNA16, TBSR16]. **helicopter** [Ili19b, LZZL15]. **helioseismology** [CDP19]. **Helmholtz** [AAMC19, BRD15, CXL18, KMZ19, SJD+18, TLHC17, WWH17]. **help** [IKHS16]. **hematocrit** [AAM19]. **hematopoiesis** [DZ16, GS15a]. **hemivariational** [LL15f, MG19]. **Hénon** [ILP+15, dSSB+16]. **Hepatitis** [KIZ18, WM18b]. **hepatocyte** [XSLW17]. **herd** [TS15]. **Hermicity** [HWZ17, RWH15]. **Hermite** [ACD18, AH18a, AK18b, BGMZ17, BCD15a, Che15c, DDH18, Gav15, GR15b, Han15b, Lu15, LYY15, MWLL17, NNA15a, PC16, SISÖ15, ZjW19]. **Hermite-Legendre** [ZjW19]. **Hermite-type** [MWLL17]. **Hermitian** [CY16b, DS19, tFyZ15, Liu15f, Liu18c, XL18a, YQ15, YLQ17, ZLL15a, ZY19, ZWT15, ZZL15b]. **heroin** [FLMC15, WWK19]. **Hessenberg** [MR15b]. **heteroclinic** [CFSGM17]. **Heterogeneity** [Lu19, NR18a, LWSX18b]. **Heterogeneous** [HCY+18, DLJW15, HS15a, HZYW15, HZS15, KLW15, KKG18, LL15b, LZM+18, LYDH18, LZY16, MM15b, Mah19, MS15b, MKMC15, WY18, YJMH18, ZSK+19,

ZZL16b, dNdOX+15]. **Heun** [EJF15, EJF16, II18, Ras15]. **heuristic** [DKN16, KM19, WHX15, YJYH15]. **heuristic-adjusted** [YJYH15]. **Heuristical** [Kem18]. **heuristics** [MFF15]. **hexagonal** [CXL16b, LQZ16, MB19, MSI17, Rad17, RV16, Van15, YLWF15, YLWF16, ZAY18]. **HFMD** [LWPL16, WXP16]. **hierarchical** [AKK15, AP18a]. **Hierarchy** [WDZ17, CJ17b, Kud19b, MM18a, STL17, WG15b, ZW15b]. **High** [Cho18, DJL17, HMD19, JSM16, KNK15, KK15b, KS19c, LJD17, LW18h, MK16, Por18, QLLY18, TSZ19, Ton18, WLQ+19, YCZ19, ZB17, Zha17a, ZZM18, ZLD18, AAH19, BCMT17, BB18b, BS15a, BM18a, Cat19, Che16c, CN19b, CLMT15, Deh16, DG18b, FMDZ19, FR16, FFTB16, GCH+19, GL15a, HAC18, HM19b, cJzS15, KCKZ15, LZ16, LMMR15, MH17c, NSM16, PZ17, PP19, PV19, RSLL+19, RME18, RV16, SAES19, SFC+17, SzShG16, VVA+15, WWH17, WW18, WR19, WXXY19, Xu19c, YGZ19, YU15, YLH+19, ZZ18c, ZZX19, ZY15c]. **high-accuracy** [PZ17]. **high-dimensional** [NSM16, RSLL+19]. **high-frequency** [KCKZ15]. **high-index** [Deh16]. **High-order** [DJL17, HMD19, KNK15, LW18h, Por18, ZB17, ZLD18, BCMT17, Che16c, DG18b, FMDZ19, cJzS15, LZ16, MH17c, PP19, PV19, RME18, WW18, WR19, WXXY19, YGZ19, YLH+19, ZZ18c, ZZX19]. **high-performance** [FFTB16]. **High-speed** [KK15b, GCH+19, YLH+19]. **Higher** [ASHSC17, AKKB17, KBM16, SN15a, USCAAA15, ZCU15, AZL15, ABA18, BÁR15, CDL15, DK16, DS16b, GKN15b, GDS16, HQ15, Han18, HK18a, KD18, Liu16b, LMMZ18, LD19b, PRD19, SEKA16, SGM+16, Tan15a, XY15a, XY17, XC15, YWH15, ZAP19, ZLH16, ZMH18, ZZ16c, ZJO+18]. **higher-dimensional** [YWH15]. **Higher-order** [AKKB17, KBM16, ZCU15, AZL15, ABA18, CDL15, GKN15b, HK18a, LD19b, SEKA16, SGM+16, Tan15a, XC15, ZLH16, ZZ16c]. **Highlighting** [FP18b]. **highlights** [ATV16]. **Highly** [FG18, BAM16, CZ15a, FMX15, FLS18, GNW15, HZ17a, LX19a, LX19c, LP16b, SM19, XMX15, YMMH15, ZYY17, ZYX19]. **highway** [Hac17]. **Hilbert** [BAK19, GFG15, HMS15, HXM18, LW18c, MCI16, SD19c, Wan15c, XL19]. **Hilfer** [AEB18, GT15c, WZ15a]. **Hill** [CCLS16, WHX15, Zho15e]. **Hille** [Kar19]. **Hilliard** [CJK17]. **Hindmarsh** [BK18b, GJX+19, LWZ+19b, PRA+19]. **Hirota** [RC17b, TZTG17]. **historical** [WJNW15]. **history** [Kan15]. **Hitting** [BKKBS19, WGL18]. **HIV** [EA15a, FQMR19, LXT17, MK15b, PC17, SG17, WLZW15, WGLZ16, WJHA17, XGZ17, YSLS17]. **HIV-1** [FQMR19, LXT17, WGLZ16]. **HJB** [BH15]. **HLLC** [DPL18a, Pel17, SLdLD16]. **HLLC-type** [DPL18a, Pel17]. **HMGB1** [WM18b]. **HMM** [LSZ+19a]. **HODLR** [SDWG19]. **Hohenberg** [BAV18, KR16, ZEF19]. **hold** [OLZ19]. **Hölder** [HMGC18, LSZ15, SGMH16, ZS14]. **hole** [MWY15]. **Holling** [CY18, NS17b, WPL15]. **Holm** [HGL19, YX19b]. **Homoclinic** [ZY15b, CFSGM17, LSfW15, Lv16, SNL19]. **homogeneous** [BMM19, BAK19, BB15c, CGPR15, HV15, LJYH19, LZL15b, LLdM16, Mah19, PBP19, PSPÁV15, Sun18, TM18, WL16d]. **Homogenization** [RL19, HK18b, RL15]. **homotopy** [HR18, Liu16a, SRJ+15]. **Hood** [HMT15a]. **Hopf** [WL18a, AYAA+15, AMN19, AVCCGAVDL15, CGC19, DKP16, JS15, LWL+18, MHX17, PW19a, TS15, TXG15, WPL15, WF15b, XJZ+15, XWZ15, YL19a, YLL15, ZT16a, ZXW16, ZZH15]. **Hopfield** [LZ15b, RN19, ZwX16]. **hopper**

[GWPA18, KR15]. **Hopping** [FFGRSV19, MZ17]. **horizon** [Ied15, ZML+17]. **horizons** [MN16]. **horizontal** [BKLW15, GLYT16, Kim15a, Tha18b]. **hormetic** [LX19b]. **hormonal** [LY17]. **Hosoya** [DSM15, GDRP+19]. **host** [HJ18, MMK18, WLS15, WW16c]. **hot** [KRF17]. **house** [dCCGV15]. **household** [MPHG15]. **housing** [HW15]. **hp** [DS16b, JA17]. **hp-cloud** [JA17]. **hp-discontinuous** [DS16b]. **HSLA** [DDY15, JDL15]. **HSS** [LZ19e, RWW15, YLW15, ZCC15]. **HSS-like** [RWW15]. **hull** [NSR+19]. **Human** [CLR16b, dNdOX+15, CDFP17, HJP16, LWGS17, SNS+16, SG18, STVCC17, SCZ+17, SH18b, VEF19]. **Humbert** [WW17]. **humoral** [BF16a, LXT17]. **humour** [TSPF18]. **Hungarian** [RKQ19]. **Hunter** [GLW15]. **hunting** [LLL16b]. **Hurwicz** [YJK19]. **Hurwitz** [BB15a, SGG15a, TCY15]. **Huxley** [ÇT16, HEA15b]. **Hybrid** [BS16, EH15, JISI18, LTQF19, LS16, LXTF18, MR15b, Pan18, PCS17, WYLG19, AK16a, AJ17, AY16a, BL18, CXL15, DN15a, EH14, FR16, Gar16b, GG18, GYZC15, HDG15, HM15b, IS16, JIS15, JDS18, KSN15, KXZ19, KLZT15, Li17a, LZ17e, LYZL18, LHS18, LXZL19, MHZC15, MM04, MS17b, MAJR19, NFS+15, NRS19, PGLG17, Rad15, RS17a, RXL19, Sab18, SH15b, SGKR19, SDK15, SGY+15, TH19, WS19a, YFW+17, YMMH15, YJYH15, ZZ19a, ZCW+19b, SR15a]. **Hybrid-delay-dependent** [LTQF19]. **Hybrid-driven-based** [LXTF18]. **hybridizable** [KCK16]. **hybridized** [CDL18]. **Hybridizing** [PTO19]. **hydraulic** [CS18, RRT15]. **hydrodynamic** [FK18a, RRR19, RRR20, SS18a]. **hydrodynamical** [Pu15]. **Hydrodynamics** [GSP15, FLL+19, JMK17, YL19c]. **hydroelastic** [WL16a]. **hydrogen** [FG18]. **hydrogeophysical** [SH19]. **Hydrological** [KSP16, WF15c]. **hydromagnetic** [RMD18]. **hydrostatic** [BKL+18, EdLC18]. **Hyers** [AO19, BCO15, Nam19, Oni18, WL15, ZSS15]. **hyper** [BGMZ17, LZKX19, SZ16, Tra18, WL18a, WD19, ZT16a]. **hyper-chaotic** [WL18a, WD19, ZT16a]. **hyper-elliptic** [SZ16]. **hyper-rectangle** [BGMZ17]. **hyper-Wiener** [Tra18]. **Hyperbolic** [BNS16, CN19a, DGRR16, Ade19, AHP19, ACSS15, Bac15, BB19a, BDH16, CGM16, CH18b, CN15a, GY15, GLL15a, HSSH18, Kem16, LJC16, MZM16, Mar16, MMV16, MTB18, MFMK17, NKS18, OFwCW19, QZL+17, QDH+18, SR16b, SW17a, SuSR15, SuSR16, SPS18, Vab15, YU15, Yüz16b, Yüz18, ZZM18, ZY15c, ZHS18]. **Hyperchaotic** [GMOGCCC15, MPB+17, WZK15]. **Hypercomplex** [Fau17]. **hypercube** [EMM17]. **hypercubes** [CMM17, LX17, LHG18, QY17, XYZ18, YFLZ18, ZH19b]. **hyperdissipation** [YL19c]. **hyperelastic** [FLCSV18, Laa18]. **hyperfactorial** [WL16b]. **hypergeometric** [ACK15, ALQ15, BMB15, Cas15, II18, JDS18, KA15b, MNNA15, MMS17b, SS15b, WCS16]. **hypergraphs** [GL18a, GLQ+18, KLQY18, LZ18d, LMZW16, ZM18a]. **hyperholomorphic** [BRD15]. **Hypermonogenic** [AOS19]. **hypernetwork** [CLHC16]. **hyperplanes** [BGMZ17]. **hypersingular** [DO17, LWQ18, LX19a, LX19c]. **hypersurface** [Kac15]. **hypothese** [AG15c]. **Hypothesis** [MR19]. **hysteresis** [BMC19, NEK18]. **hysteretic** [YZZ18].

I-type [RM18b]. **i.e** [LHX15]. **IC** [Liu15b]. **IC-colorings** [Liu15b]. **ice** [GZG+15]. **IDAEs** [Pis18]. **Idea** [Rui18]. **ideal** [DP15a, GG18, Haz16, Liu15b, RDG18, SLF18].

ideals [AL19]. **identical** [CLZW19, LLCR15, XLJC18, dSVR17]. **Identification** [HL15d, LWSX18a, MRQZ19, DLJT16, GPRCTRY19, NEK18]. **identify** [FHPV18, WR15, WC15b]. **identifying** [CCYT19, Lai15, SJ18, XX19b]. **Identities** [ZL18, DÖA15, HASA15, KK15a, YZ18a]. **identity** [Bag15, Net15]. **IDRA** [LZZL15]. **II** [CY15a, Kim18, LB15a, NS17b, Sug17]. **III** [DDdF16, WPL15]. **Ikebe** [MR15b]. **ill** [CPST16, GS17b, JSG15, SGJS16]. **ill-posed** [CPST16, GS17b, JSG15, SGJS16]. **illicit** [GNR+19]. **illustrative** [TB15]. **ILU** [Xu19e]. **Image** [FLMR18, GK16a, HGM15a, LY15a, LZKX19, ACK15, ASKK19, AHLR19, AY16b, ABB+18, CC18a, CCX15, DG18a, DG18b, DMR15, EGH+19, FMB+18, FMB+19, Guo16, HW19, Han19, KGS+15, LL16a, LL17a, SPW15, SGFCRM+18, SDK15, Świ15, yWyLyY+15, WDG19a, WLZ19a, ZPRZ18, ZHW+18]. **images** [ARACCA+18, ABB+18, DHW+19, GHZ19, LJL16, TM18, TH19]. **imaginary** [AL18d]. **imaginary-time** [AL18d]. **imbalance** [KCKZ15, ZLZ+19]. **imitation** [BN18, ZSW+17]. **IMLS** [ZLL15b]. **immanantal** [YQ18]. **immeasurable** [Zha19b]. **immersed** [ÁL15a, GYZC15, LLL18d]. **immersed-boundary** [GYZC15]. **Immune** [dNdOX+15, BF16a, CWFL15, DDD19, DHMT15, KN19, KPLC15, KLZT15, QZJY15, RLM19, SRJ+15, WGLZ16, WJHA17, YJ19]. **immunity** [LS15b, LXT17]. **immuno** [RLM19]. **immuno-chemotherapy** [RLM19]. **Impact** [BK18b, BKT16, hCWW+15, HL15c, MKRS16, MPHG15, WWN+15, ZCFW19, AE17b, DMSS18, FFL16, LW15b, MSI17, SHHC18, SG19b, Tan15e, WGSX19, WWC+15]. **impacts** [BBGR15]. **impatient** [Amm15, CLC+19]. **Impedance** [NKKS16, AL18a, ASKK19]. **impeller** [CKKF16]. **imperfect** [LPJ18]. **imperfections** [RM19b]. **Implementation** [GSP15, VS17, ABMBR15, ARK15, CSV19, EdLC18, FFGRSV19, wG15a, JSG15, PLL16, UHN+18, XW19, Xu19e, YWRP16, YCD17]. **implementations** [PS15c]. **implemented** [KDTP18, TKDF15, TD18]. **Implementing** [Ma15a]. **Implicit** [Laa18, Obr19, SC17, TZ18a, YDCS15, ASS16, BdS19, BMRS18, CLJ+15, CWL19, CDL18, CJ16, DC16, FM18, GLM19, Gua19, HJMB18, HW19, HP15a, Ied15, JIS15, KLZ19, KK16b, LDH18, LW18h, LT18a, MK16, MMK17, MKS19, OL19, TM19, VBG+17, WW16a, WSZ16, XZ19, Xu19e, YCH19, YG18, ZB17, ZZL18b]. **implicit-explicit** [BdS19, BMRS18, WSZ16]. **implied** [CLL+15]. **Imposing** [ANEP19]. **imprecise** [Sku15]. **improper** [CR19b, GGAVGG+18]. **improve** [AADLF15, XCCL18]. **Improved** [AP15, CXZZ18, GHW19, GQC15, LLP17, MNK19, NJTP19, RZSS15, RR18b, Sha15e, SGM+16, WLX18, WLZ19a, WJZF19, Zha15c, ABLZ15, Dan15a, KZL19, LCW15, Li17d, LQZ+18, LLz18, LCW19a, LMZ+19, LJHW19, MFF15, RAV15, SSK+19, SSB16, SM15d, WK16a, WZC+18, WZF+19, WZK15, ZHY16, ARS15, UKE15]. **Improvement** [wG15a, Zam19, CXW18, MY19, Oka18b, ZBKS16]. **improvements** [DBJC17]. **Improving** [AD15, AM15c, DGZ16, DMS+18, GGAVGG+18, GE16, KZ19, NRY16]. **impulse** [GWW15, LPZL16, LZKX19, Nak18]. **impulses** [AB15a, AOH17, AHO18, FZG19, GD15, JS16, JYS16, LK19a, LZ19f, LWSO19, RRRR16, SZ19b, YLHS17]. **Impulsive** [ANT+16, GZ15b, LYH19, ZMC19a, ZS19a, AÖ16, AZ18, CLL16, CR19a, CWL16, DL17d, DG15b, GWW15, GhDwZS17, GZK16, KSN15, LSAR15, LSR18, LZCL18, LXD19, LLW19, LWW15b, LC15d, Liu16b, LZ18f, LXZL19, LD19c, MPS15, RZSS15, RVGS17,

RZHY16, SM15b, SLLC19, SS16, SML18, SAT15, SLL+16, TLGX15, WIF15, WA15a, WLG17, WZS19, WCH15, WNW+19, XTXW15, XD15, XZL15, XWDW17, XXZY19, YL17, YWO18, YWZS18, YFW+17, YYZ19, ZLHH15, ZSL15, ZS15b, Zha15f, ZYXF17, Zha17a, ZSY15, ZCX17]. **impurities** [SZO16]. **incidence** [BW15b, CKW17, LC16b, LJS18, SZJ19, TZC19, WLZ16, uRAD19]. **incident** [ARB16]. **Inclination** [MGK+16]. **inclined** [Alk19]. **Including** [CFSGM17, Cas15, JAN16, PN15a, STVCC17]. **inclusion** [ABHR15, BCH15, CL16a, SDK15]. **inclusions** [AL18b, BT15a, CLL16, DK15a, GMOP18, LZ15e, LWSO19, LLB16, Mah17, MM18b, NE15, TPS15, TB17a, WIF15, YW16]. **incommensurate** [HCX+17a, MGPPGCCV15]. **incompatible** [AMCMFJ15]. **incomplete** [AQ15, BB15a, JGKL16, KPP17, LSZY17, SY17a, SQL16]. **incompletely** [CCW17]. **incompressible** [AJMN18, BBG19, BFR18, Bot15, BS19b, DL16, Ers16b, HP17, JMW15, Laa18, LXL17, NS17a, NKNA16, Qiu18, SJW16, WYD+18, WLFH17, Xu19e, YCH18, YL19c, ZFL18, ZSF17]. **incorporating** [CYLW15, LZ15c, YSLS17, ZCFW19, ZWL+19]. **incorporation** [BAE15]. **increase** [Far18b]. **increased** [AKL19, NT19]. **increasing** [Bor15a, DCR15, Li19]. **Incremental** [RWW18, LS19b]. **Indefinite** [NHWZ15, CR15, FZL19, LJ15b, PS15a, PS15b, SL15a, TXM15, WA15b]. **independence** [ZC19c]. **Independent** [CDK17a, CYCW15, Bou18, BS19c, CYW18, Kar19, LMW+19, PAM19, SRT18, WTZL18, Wan16a, Zad16]. **Index** [QYF+18, ATV18, ADA18, AK18a, AOS17, AG17, AAH19, BBF+18, BKL+17, CXL16b, CLL17, CT17b, CZ17c, DD16a, Das16, Deh16, DV15, DDdF16, DIS17, Dim17, Ely18, FT18, GA17, GKS16, Gou18, HLX17, HKS19, HD16a, HLL16, HHT19, JLW18, KST15, KST16a, KKST16, KST16b, KKST17, KMS18, KST19, KZ19, LL15a, LY15b, LQG18, LBRS18, LGQL19, LCW+18, LP16a, LL18b, LA15, LMMR15, MB19, MBW19, MMDG16, MMM18, QTF+16, Rét19, RS16b, Sha15c, SWG+17, Shi15a, STD15, SGDX18, SISV19, Tep19, Tra18, Wan17b, WWW18, WLQZ18, WC18, YCYL18, YW18b, YwFW+19, YKLS19, ZWZ19b, ZCW+19b]. **index-aware** [BBF+18]. **indexes** [II17]. **India** [SG19b]. **indicator** [Hua16, ZSXW18]. **indicators** [HDG15, WLX18]. **indicatrix** [Sah19a]. **indices** [ARB16, AMCMFJ15, BHMS15, BCD18, BF16b, CXL16a, CWD16, DGNA15, DESS15, DSAB16, GFWH17, JQL15, LLMS16, LQW+15, LY16a, LZ19b, LP15b, Pal17, Pal19, QZD16, Rad17, Rét19, SDAB17, SIA16, SX15, WWL18, WX19b, WCD17]. **indirect** [CYLW15]. **Individual** [LZ17d, hCWW+15, GCLG15, LWSX18b]. **individualized** [SKCS15]. **individuals** [LSX19]. **Induced** [FW18b, DMH19, FTE19, FLL17, GJX+19, GRS+15, LWSX18b, LLY19, MMZ+17, MM17, PY19a, PZ16b, QTXY16, QGH19, SSM17, STK15, SH18b, VVA+15]. **Induced-charge** [FW18b]. **induction** [KK15b, PKHD18, Sar17]. **industrial** [ZKV+15]. **industry** [KWH17, Sah19b]. **Inequalities** [CP15b, Che15a, Che15b, AED15, AÖ15a, AÖ16, APTS15, BGMZ17, BAK19, Bou18, CDK15, Che16a, CNNA16, DAS17, DD19, DK16, ES16, Fen15, GJNRG15, GDF+17, GSVK17, HT16, Ied15, Isc16, KB15, KwC15, Lam15, LQW+15, LW19c, LT15, LL15f, MNNA15, MPP17, Nis15, NNA15a, NNA15b, QM15a, QM15b, STB16, STS15, SISÖ15, Wan15e]. **inequality** [Che15c, DAS17, DLY17b, Gav15, GZ15a, HKS19, Jan15, JPTL15, KKAK15, KST15, LZH+18, LJHW19, LjL15b, MG19, SZ19a,

SLS+18, Uça16, WZ16a, WwQqTW18, XZZ+18, XCCL18, XS19b, YWL15, ZAP19, ZLW19, Zha18a, Zha15i]. **Inertia** [YQT15, JT17]. **Inertial** [BCH15]. **inertias** [YJMH18]. **inexact** [AM15g, Bot15, CC16, DLF15, HMX15, HM15b, RMA15, SL15a, WCZ15, WZ16a, ZM15c, ZM18b, BF15]. **inf** [dFGAN18, dFGAN19]. **inf-sup** [dFGAN19]. **infected** [LLL16b, SG18, WLS15]. **infection** [AVCCGAVDL15, FQMR19, GXH18, MMK18, MK15b, PRMC19, SSGG17, TXL19, WLZW15, WJHA17, WM18b, WSXR19, XSLW17, XGZ17, YW19a]. **infections** [IYM19, WXP16, WLG17, XZG19]. **Infectious** [FJ19, ARV18, GRS+15, QTXY16, ZG18]. **inference** [YCD17, YYP18]. **Inferring** [WWW+17]. **Infinigons** [Mar16]. **Infinite** [Dob19, BT15a, BB19a, Boy15, CLL16, CJ17b, DK15a, EO15, Gao17c, GSV18b, JYS16, Kan19, KA15c, LJ15a, LSR18, MAG15, Oka18a, PWS17, WN16, XL18b, YL17, YWZ18]. **infinite-dimensional** [WN16]. **Infinitely** [Lv16, CTT+19, ZZL15a]. **infinitesimals** [Cal18, GGM18]. **infinities** [Cal18]. **Infinity** [OP19, BGP15, GK17, GLN15, LGK15, Mi17, PSPÁV15]. **inflatable** [SRBA15]. **inflation** [EG17]. **inflow** [Neu16, SH18b]. **Influence** [AJ15, GB19, HWL+19a, SMI18, XLL+19, BAR18, HS15c, LY17, LMW+19, OTH16, PG15a, SK19, WLJ15]. **Influences** [Uzu17]. **influential** [BGS19, LWSX18a]. **influenza** [CX19, LLL16a, MMK18, SZJ19, XSS+17, ZSW+17]. **information** [CCW19, DGL+15, Fan15b, GST15b, JGKL16, KEE17, LMW+19, MS15a, MWL+18, Ued19, ZLZ+18, ZLLP18]. **informed** [AJ15]. **infrastructure** [SSM+18]. **Inheritance** [Ban18]. **inhibitor** [YJ19]. **inhomogeneous** [Cho19a, Fio16, HGH19b, HL15d, LZWZ19]. **Initial** [LLY15, MTJ15, eMA15, AOH17, AHO18, AMO18, DHQ19, Ghe16, HXM18, LJZ18, LL15b, LD18a, Li18, MVS19, RSKB15, RS17a, RR18a, SM19, Sow18, TES15, TG16, Tan15e, VK15, VK17a, WZ15a, ZJJ18, ZZC19a, MAJR19]. **Initial-boundary** [LLY15, HXM18, SM19]. **initial-value** [RSKB15, RR18a]. **initial-value-problem** [eMA15]. **initialization** [TKDF15]. **initializing** [KDTP18]. **initials** [MWRT17]. **initials-dependent** [MWRT17]. **initiated** [RPJ+18]. **injecting** [LZKX19]. **injection** [MKN15b, RP19]. **injection/suction** [MKN15b]. **Injective** [SY15b]. **Inner** [PHRB18, HP15b, PS15a, RVGS17, SRCA17, TLZ+19, XCL18]. **inner-outer** [TLZ+19]. **innovation** [YZD15]. **innovative** [lJdW16, JH17, SFC+17]. **inpainting** [LL17a]. **Input** [GZD19, LHS18, AL15b, CLXW17, CYSY16, DZC15, DCJ19, FLYG18, GW15a, GWSC16, GXLL19, LSLZ18, LC15d, LLX+19, MAR15, NT16, NHWZ15, Pai15a, Pai15b, QBC19, SZ15, SLLC19, SML+15, WDLZ19, XD19, XZLL17, ZZLZ17, ZZL17, ZFZK15]. **input-delay-dependent-free-matrix** [ZZLZ17]. **Input-to-state** [GZD19, AL15b, GW15a, QBC19, ZFZK15]. **Input-to-state-KL-stability** [LHS18]. **inputs** [CSL19, LLZD18b, LL18c, ZCW19a]. **insecticide** [SWA+19]. **insight** [LXW+18, SRK+19]. **insights** [FP18b, ZGH16]. **inspired** [HJP16]. **Instability** [GO15b, AYAA+15, ELP+18, HM19a, HGH19b, Kim15a, LLY19, PZ16b, SKS17]. **instance** [ZLZ+19]. **instance-based** [ZLZ+19]. **instantaneous** [AB15a, AOH17, AHO18, GD15, PP18b, SZ19b, YWO18]. **insulated** [PK15]. **insurance** [dCCGV15, KM19, PP15a]. **Integer** [MCY19, FNS19, Fuk15b, JXW15, NC16, SD17]. **integer-factoring** [SD17]. **integers** [Acu15, AFK15, BM15b, KS18, KAG15,

Liu15e, SIA15]. **Integrability** [VK19, Fer15, FG19, RM18b, Tal15, WTXZ16]. **Integrable** [HA16, MR15a, Bra15, LXZ19c, MM18a, UBT18, Xu15c, XLW15]. **Integral** [EJF15, KI15, WWH16, ZC18, AED15, AQ18, AR16a, ABHR15, AIK15, AN15, AD16, AM15c, AST18, AE17a, AD17, AD19, AAMC19, Bab16, Bag19, BM15a, BSZ16, BB15c, BC15, BST18, Bou18, BHD18, CM17a, CGL15, CJ15, CD16a, CXL18, CZ15c, DAS17, Dar16, DN15b, DN16, DA17, DA19, DL17b, DGZ16, DÖA15, DJ15, ER15, EGB15, EMM17, FK17, FMX15, FLS18, Fuk15c, Fuk15d, Fuk15b, GT15a, GLM19, GVA16, GM15b, GG19a, GSVK17, HA16, HSAR19, HS18, HT16, Hus19, Jan15, KKT15, KJ15a, KE16, KAH15, KKD15, KSN15, LZS15, LW16, Li16a, Li17c, Li17e, LW18c, Li19, LW19c, LZM$^+$18, Liu18a, LHZM19, LJHW19, LP16b, LCOS19, MHN15, Ma15a, Ma17a, MM04, MS17b, MRE18, MS19b, MMV16, Mic15a, Mic15b, MNNA15, MH17a, MHZ18, MM18b, MH15a, MH15b, MH16b]. **integral** [MH16a, MH17b, MS19c, MS16a, MO15a, MO15b, NCEGA15, NE16, NR15, NNA15b, NE15, OR18a, OA15, ÖK19, PHM19, PMC15, Pan18, PPV15, QZL18a, RAH19a, RDLG16, RZD$^+$19, RMM19, Rui18, Sab18, SAC18, SR15a, Sak19, STB16, SSA19, SZ19b, Sha15d, SSA18, SS15b, SRS17, SR19, Tan15b, Tan15c, TTK15, Wan15e, WDZ17, WXXY19, WX16, Xy16, XZZ$^+$18, YÖ18, YCZ19, YTH19, YYM19, ZAP19, uDuI18, ZLW19, ZAW15, ZZMS19, Zho15d, ZW15e, fP15]. **integral-algebraic** [BM15a, SR19]. **integral-type** [Li16a]. **integrality** [DVJ18]. **integrals** [AHS18, BGMZ17, Che15c, CZ15a, DO17, ES16, GGAVGG$^+$18, HZ17a, Isc16, KB15, KMP19, Kan19, Kat15, Kud19b, LWQ18, LX19a, LX19c, LLdM15, LCOS19, MH19a, MP19b, STB16, STS15, SISÖ15, SHA15b, XMX15]. **integrated** [CLT$^+$15, HDG15, KEE17, SZT17, XTXW15, ZGH16]. **integrating** [SGKR19]. **integration** [BVJ15, GBJ19, GPHAPRW16, GBS15, JSLW17, JISI18, KS16a, KOR19, KPLC15, PS18b, Reh18, RXQ19, SSS17, SH18a, Tan15a, Tan15c, Tsi19, YWH15, ZX19, ZGZ16]. **integration/differentiation** [GBJ19]. **integrator** [HW17b, JZ19a, MAJR19, PAM19]. **integrators** [KE18, TSZ19, TZ19a]. **integrity** [PG15a]. **integro** [AED15, ANT$^+$16, AL18b, AEB18, AIG17, AP19, ALP15, BT15a, BS16, Bog16, CR19a, CH18b, DZ15, DO15, GAB17, HJKP18, HZLY17, tHBSfY19, KJ15b, KAS16, LX15, LX18, LY15e, LBB18, LFL$^+$15, LMD19, Ma17a, MMV16, MH17c, NL18a, OS15, Oka18b, Par15, PWS17, QXW19, QZ15b, RME18, SR15b, SR15c, Sak19, SM16, SPS16, SPST17, SAT15, Tom12, Tom15, WZ16b, WC16, WXWX18, WY16, Xu17a, Xu19b, YL17, YYM19, Yüz15, Yüz16a, ZM15b, ZM17, dSH15]. **integro-difference** [WC16]. **integro-differential** [AED15, AL18b, AEB18, AIG17, AP19, ALP15, BT15a, BS16, CR19a, CH18b, DO15, GAB17, HJKP18, HZLY17, tHBSfY19, KJ15b, LY15e, LBB18, LFL$^+$15, LMD19, Ma17a, MMV16, MH17c, NL18a, OS15, Oka18b, Par15, PWS17, QXW19, RME18, SR15c, Sak19, SM16, SPS16, SPST17, SAT15, Tom12, Tom15, WZ16b, WXWX18, WY16, Xu17a, Xu19b, YL17, YYM19, Yüz15, Yüz16a, dSH15]. **integro-differential-difference** [KAS16, SR15b]. **integro-parabolic** [Bog16]. **integro-splines** [LX18]. **integrodifference** [Pöt19]. **integrodifferential** [ASA19, CGL15]. **integrodiffetential** [Pac19]. **intelligence** [CYGL18, FLS$^+$15, SA16a, WL19b, ZCW$^+$19b]. **intensity** [YYWH19, YLZT17]. **interaction** [AKR15, AADF18, BY19, Dan15b, GG19a, HL15c, HHL$^+$19, Ili19b, Ili19a, KFHH15, KZT19, LX16a, LJK15, MM15a, MMIA19, Moh19, STK15, TLZ17,

TSPF18, Wan19a, ZAZ19, ZZC15]. **interactions** [BR17, CCL+15, CS19, DDD19, HJ18, LLT19, LZWZ19, MZS18, Mou15, WW16c, YJ19]. **interarrival** [MCPO15]. **interception** [MS15c]. **interconnected** [CHL15, FXXC19, GZC19, KLKU18, LW17a, RZHY16, XZLZ17]. **interdependent** [LWZ18, WWW+17, ZL19c]. **interest** [CLR16a]. **interface** [Ade19, ÁL15a, CM18, DL15a, Hua15, Laa18, LZ17a, MKMC15, NY15, PSY+17, uIHA18, WHSS15, WQ15, ZW15a]. **interfaces** [Kim15a, RZMB17, ZM19]. **interference** [HYJ19]. **Interior** [Sar17, ALP18, Che19, GWY15, JPTL15, PCS17, WS19b]. **interior-point** [JPTL15]. **interleukin** [DDD19]. **intermediate** [AKT19, JA17]. **intermittent** [FYZ16, FYSC18, GWXZ18, JZ19b, LZjy18, LS19c, LCLZ19, WHTW17, ZHWW17, ZZC+19b]. **internal** [BR15, Har16, KRB15, LY17, NM19, RS15d]. **internally** [GSDH15]. **International** [ZS16b]. **Internet** [Cao19, PW19b]. **interpolant** [Han15c]. **interpolants** [Lu15, SST15]. **Interpolating** [Rom19, SW17c, LCL17a, SA19, SN15c, TW15a, WZC+18, WZF+19]. **Interpolation** [LLG+15, ACD18, Arà16, Bej17, BCD15a, BK18d, Cat17, Dis15, DQW+19, Erb16, GW15b, Han15b, Han18, HP17, KCK19, LLO16, LX15, LY15a, LC15a, LQZ+18, LLz18, LY18d, LHZM19, MZM16, RPB15, RV16, Seg18, SSN15, SJ18, SRK+19, SV15a, WD16, XZB+18, YLH+19, ZYY17, Zha17b, ZZG18, ZjW19, Zhu18]. **interpolations** [AH18a, YDCS15]. **interpolator** [LW15b]. **Interpolatory** [ZZS+19, ACRZ18, DJLX17, LC18, SDGU16, SuSB15, TTZX15]. **interpolatory-corner** [TTZX15]. **interpretations** [HARS15]. **interruptions** [JBS15, PL15a]. **intersecting** [KH17, ZZW17]. **intersection** [Far18a, HW17a, Wil18]. **intersection-complete** [Wil18]. **interspecific** [WXLL19]. **Interval** [NJM+18, BH17, CHL15, CZS15, CCQS16, CGZ17, DPL+18b, Eft15, GSVK17, Hua18, JSW+18, LLP17, LH17a, Li17c, NMS+18, PZ15, Pop17, RG18a, Sha15f, SLS+18, YWS+19, ZMQ16, dSH17]. **interval-valued** [DPL+18b]. **intervals** [LLL19a, Oka18a]. **intervention** [XTXW15]. **interventions** [WSXR19]. **intracellular** [DZ17b, DZ17a, LXT17]. **intraguild** [HD17]. **Introducing** [Ano19w, AKT19]. **Introduction** [Gol15, HSAR19]. **intrusion** [Xu15a]. **intuitionistic** [HLFZ19]. **intuitive** [APMM18]. **invalidate** [ZSW+17]. **invariance** [HST17]. **Invariant** [DZL15, WXZ18, WL19c, AAF15, ASM16, BGSCGL19, GMPP18, KKD15, LAVME18, LPHH15, RRW+15, Rui18, RC17b, SJD+18, SS18b, TQC15, yWyLyY+15]. **invariants** [DMG15, GFD16, LD18b, LLJ19, Van15]. **Invasibility** [WWW15]. **invasion** [KKS+16, Li15b, QFTT15]. **inventory** [BS15b, CLT+15, PL15a, WQK15]. **Inverse** [CZ18a, GH17, GWY15, HLIK19, ZDJ19, BR16a, BCNN19, CFdCdS18, CKDC16, DYW15, DDM16, DBV18, DD16b, Fuk15d, GZZL17, HP17, HLT15, tHBSfY19, JH15, lJdW16, JDS18, KSN15, Kur18, Kyr15, Kyr17, LLMS16, LC15a, LW18g, LHHS16, Liu18b, Ma18, MS19a, MC17, MWH+18, MD15c, MD18b, OP19, PSZ18, PS15b, PLL16, RMSD16, SdR19, She18, SJ18, Slo15, TB17b, Vis15, WMS17, Wan18, WS19b, WD15, XBC19, YX15, ZJY18, ZjA19, ZY19, ZwX16, ZCPM17, ddGL15]. **inverses** [CEG+15, CLT18, Den15, FLT18, HLT16, HS17, MGL19, MZM17, Mos16, PS15a, SS15a, SS17, SKP16, XZS16, ZL15b, ZS15e, ZC18]. **Inversion** [Awa15, SKK19, ASKK19, AM18d, CH18a, De 17, GST19, Lia15b, MSH15, NCEGA15, RZW18, SH19, Yan18a, dFY15]. **inversions** [JH17]. **invert** [LG19]. **inverting** [MR15b].

investigate [Ant18]. **investigating** [Rui18]. **Investigation** [ATK+16, ANGC17, BBD15, ŚKK+18, ZWL+19, BTP17, DDD19, FLL17, GR15b, IR18, IS17, NKNA16, RG15, SKS17, WLJ15, WX19a]. **investigations** [ASASM16, GCH+19]. **investment** [DLJW15, HW17c, LZZ15, WRZ19]. **investment-consumption** [HW17c]. **investments** [ARR16]. **investor** [XTXF18, XFTX19]. **inviscid** [PMC16, RDG18]. **Invited** [TT16]. **involution** [RD15]. **involutions** [BR16b]. **involved** [RR18b]. **involving** [AK16a, ANU16, All18b, AM18b, AJP18, Bag15, Ben18, Bor15a, DH15, GG16, HWZ17, HLT15, HSSH18, KAI19, KM18a, KK15a, LJ19, MNNA15, Mor17, MD15c, NMM16, SGG15b, WHSS15, bWzZjH16, XC15, Xu17b, YWO18, ZS16a, ZL18, dlRGB16]. **Ion** [CM16, BdS19, Wan16b]. **ion-** [Wan16b]. **ions** [KSKW+19, Mis15]. **iOS** [DLCV17]. **iota** [FKA17, YW18a]. **irrational** [LXZ19b]. **irregular** [DA19, Dob19, Gut18, Prz15, WLQ+19]. **irregularities** [MCS+19]. **irregularity** [ADG19, ACP19, AC19, BLNSF17, CHL18, Rét19, TLLD19, XGG18]. **isentropic** [CT15, QLLY18, SS18b]. **Ising** [dFKMM15]. **isochronous** [TPCL15]. **Isogemetric** [ADSS16]. **Isogeometric** [HMT15a, RSAF16, CNK+18, SDWG19]. **isolated** [XJZ+15]. **Isolation** [dSVR17, Chy16]. **isometries** [MD15b]. **isometry** [YLX18]. **isothermal** [DL16, KF15, PBBF18, SBH16]. **isotropic** [NB19b, ZLL16, ZjW19]. **issue** [BKS18, DGRR16, LLL+18b, ZS16b]. **issues** [BCI15]. **Itô** [ALL18a, RN18, SAS19, XKWG15, YSL18, YYM19, ZKKZ18]. **Itô-type** [YSL18]. **item** [BS15b]. **items** [RZR16, SCB15]. **Iterated** [ESS16, CEMR16, ES15, GVA16, Pac19, Red19, XZC16b, ZAZ19, ZTW19]. **iteration** [AKS15, ABA18, CR15, CY16b, CG19, DLBQ19, EHS17, FFT15, Gon18, GJNC18, Gua19, HSAR19, HM15c, KM17a, KM17b, LCZ19, LZZ+19, MR15b, NH17, PN15b, RWW15, SGMH16, SPKC16, TTLX17, TLZ+19, WN16, WL17, WZLP18, WC17, XL15, ZLL15a, Zha15b, ZWZ19a, ZVL19, ZWT15, ZCC15]. **iteration-complexity** [Gon18]. **iterations** [Bot15, CCC+17, GK17, Jar15, LPZ19, PWS17, VS19, ZAW15, ZCU17]. **Iterative** [AHO18, ARGF15, HWL+19a, KC18b, LL15b, LWSO19, MM18b, AOH17, ASHSC17, AJC+18, ACDT18, AG15c, ABMA19, ACTV15, ACTV17, BCST19, BCMT15b, BCMT17, BCT15, CCTV15, CP15a, CP19, CB17, CEHVT15, CGMT16, CS15b, EAAM+15, GL15a, Guo16, HP15c, HM15d, HM18b, HM18c, HMT15b, JK15, JLX15a, JSG15, KJ15a, KZZ15, LL15c, Lia15b, LA15, LT18b, Maa15, MC17, MSHG16, Mic15a, NWNA15, NWN15, PG15b, PKB18, PIP19, PV19, RAV15, RS17b, RB15, SN15a, SS19b, SGJS16, SMM18, SLTH15, SG15, TTP16, USCA15, USCAAA15, UKS+16, WSZ18, XY18, Xu15b, YW15, YJK19, YZZ18, Yun15, ZYH15, ZD17, Zha18a, ZM16, ZS19b, ZZL15b, ZSF17]. **iteratively** [ASKK19]. **Ito** [WXW18]. **IV** [Dim17]. **IVP** [RSKB16]. **IVPs** [FR16, Kac15].

Jacobi [Ied15, BS17, Hua16, Lia15b, LZZ+19, SK17b, Sin18, SRS17, TTLX17, WD15, WW19, XBC19, dFKMM15]. **Jacobi-collocation** [SRS17]. **Jacobi-type** [Lia15b]. **Jacobian** [MSL15, YG15a]. **Jacobsthal** [TW15b]. **Jain** [DD16b, OTE15]. **Jakimovski** [SV15b]. **Janowski** [SA18b]. **Jaulent** [GR15b]. **Jeffreys** [dDSI19]. **Jensen** [CDK15, KKAK15]. **jerk** [RHJ18]. **Jimbo** [LL18a]. **job** [Abd15, ZXDP18]. **jobs** [MTY16, RKQ19, WYW16]. **join** [CC19]. **joining** [SJ19b]. **joins** [OGC19]. **Joint**

[CLW18, RZR16, SH19, LYXL15, SHLL18, YLX18]. **Jordan** [Nis15, She18]. **Josephson** [ZMA+18]. **judgment** [Lu19]. **Jumarie** [DQW+19]. **jump** [AV18, dCCGV15, CHL15, CYSY16, CL16d, DHX+19, GHQ17, HXW+19a, HZK+19, JGX15, JGKL16, JSW+18, Kim19, KML19, KPP17, LSCK15, LWZ16, LSZY17, LQC+18, LSZ+19a, LDS+18, LXC+19, LZHC18, MC15a, MJL16, NY15, SYZP16, SY17a, SMZ+17, SWSW19, VMLO19, Wan16a, WMZ16, WLZY17, WHWW19, XKG15, XSSW19, XGQW19, YSL18, YKJY17, YLP19, YYS17, ZLDZ16, ZS16c, ZSS16, ZKKZ18, ZCAN19, ZCCZ19, ZMC+19b, ZBL15, ZYWW16, ZDF17, ZXX+19]. **jump-diffusion** [dCCGV15, ZBL15]. **jumping** [CZM18, GLQ+18, KBR15, WLH+18, XKWG15]. **jumps** [CLW18, Gao19, KLZ19, LKZ18, LC15c, LB15b, LB16a, LB16b, LXZL19, MHM15, MZM15, MDZ17, PYZS18, QD18, TRP15, YYWH19, Yue19, ZYZ16b]. **junction** [WHSS15, ZMA+18]. **junctions** [BMT18]. **Jungck** [PN15b]. **just** [HTW19]. **juvenile** [LPL17].

K-SP [SNAR15]. **Kac** [PRD19]. **Kadomstev** [VK19]. **Kadomtsev** [EO18, RC17b]. **Kalantari** [GK17]. **Kalman** [AAF15, AAHT18, Gao18, ZWY+15a]. **Kamenev** [BMO15]. **Kamenev-type** [BMO15]. **Kansal** [CN15d]. **Kantorovich** [Acu15, AFK15, BA17, CZ16, DDM16, DPD18, IAK15, Kaj18, MNK19, SIA15, Sil16]. **Kanwar** [CN15d]. **Karamata** [Reh18]. **Karman** [AJC+18]. **Kato** [WL16c]. **Katugampola** [VV18, ZBBW17]. **Kaup** [KI15, MM18a, Xu15c]. **Kawahara** [HP15a]. **Kawarada** [Bea19, PS18a]. **KdV** [eMA15, Bas19, BdlRT18, HHG19, KXZ19, Kud19b, OW18, RC17b, WTXZ16, ZM15a, ZZ18c]. **KdV-like** [ZM15a, WTXZ16]. **Keeler** [LR19a]. **keep** [KZT19]. **keeping** [Kri19a, WWN+15]. **Keller** [OL19, ZZZ16]. **Kernel** [LS17a, ASASM16, AP19, BMDS17, BAV18, DWTT17, DWT17, FB19, GQC15, GFG15, HS15b, KMBA18, LWT+15, LLW19, Li19, ÖK19, Pan18, Par15, QXW19, SAA19, TG16, WZ16b, XMX15, YTH19, ZW15e]. **Kernel-based** [LS17a, BMDS17]. **kernels** [And18, ANEP19, BAK19, FMX15, FDPP18, FÖB19, KKT19, LX19a, LX19c, NL18a, PHM19, RF18, Xu17a]. **kernels-based** [FDPP18]. **keyhole** [PKHD18]. **keys** [ZXDP18]. **Khattri** [CN16a]. **killed** [Arm19]. **kilns** [ZKV+15]. **kind** [AM15c, DA17, DGZ16, FK17, HK18a, LL15b, LR15, MS17b, Mic15a, Mic15b, PMC15, Sak19, TZS17, YCZ19, YTH19, YX19a, Yüz16b, ZL15b, ZX16]. **kinds** [KLQY18, LLL+18b, LPZL16, MRE18, ZC19c]. **kinetic** [FWLC15, PFH+15, ŚKK+18, dFKMM15]. **kinetics** [MP18, NH17]. **King** [Eft15, GKM16, LMMR15, MNK19, RA15]. **Kinkelin** [WL16b, You15]. **Kirchhoff** [CHRD16, FT18, HLX17, HLL16, HHT19, LP16a, MB19, QZD16, YCYL18, Zha16a, ZZL15a, Zho15a]. **Kite** [DL17a, TS18]. **KL** [LHS18]. **Klein** [Can16, Nag17, SLC18, SLW15, SC18b, Tho17, jWgX18, WX19a, XZ19]. **knapsack** [MFF15]. **Kneser** [BM19b, BHRW16, DB17]. **knots** [KF19, LX18, ZS16a]. **Knowledge** [WWDW17, BAE15, KPP17, RLGGAV15, WWSM19, WWC+18]. **knowledge-based** [RLGGAV15]. **known** [LSZ+19a, QG16]. **knuckleball** [ALDHA+17]. **Kobayashi** [QBNF19]. **Kober** [Dar16]. **Koiter** [FA18]. **Kolmogoroff** [Fio15]. **Konhauser** [ÖK19]. **Kopel** [CMG18]. **Korea** [LLL16a]. **Korovkin** [BLS15]. **Korteweg** [AO15c, AM18a, DKKR16, Gao17b, HXM18, Kud16, Mis15, SGM+16, SzSC19, WTJ17]. **Kotera** [WXW18]. **KP**

[eMA15, ZZC15, ZSX15]. **KPP** [QDD15]. **Krasnoselskii** [AK15b, BZ15, GK15]. **Krasovskii** [CWLA18, GHW19, KKL18, LJHW19, NHWZ15]. **Krein** [GLS19, LSZ+19b, ZZL16a]. **Kriging** [XZB+18]. **Kronecker** [AZ19, AZ14, AY16a, BLK19]. **Krook** [Kri18]. **Kruger** [SPGP18]. **Krugman** [TES15]. **Krylov** [BKW18, LHLL19, VS17]. **Krylov-based** [BKW18, VS17]. **Kudryashov** [GR17b, TTXZ16]. **Kummer** [GST15a]. **Kundu** [WTSQ15]. **Kuramoto** [BT15b]. **Kurchatov** [AR16b, CP19, CSTH17, HVR17]. **Kurchatov-type** [CSTH17, HVR17]. **Kutta** [ABI19, BdS19, FT17, TZ18c, TSZ19, TZ19a, AAH19, CWL19, FT16, FKR15, HMD19, LZ16, Li18, MD15a, QZL+17, RN18, TLL16, Tan18, Tsi19, WY16, YNMW16, ZS15b, Zha17a, ZS19a, ZZX18]. **Kutta-Nyström** [FT16]. **Kuznetsov** [PKB18].

L [BG18, FFGRSV19, KBK15]. **L-BFGS** [FFGRSV19]. **L-shaped** [KBK15]. **labeling** [GZhL+19, MK15a, YHY+18]. **labelings** [LMS19]. **labelling** [DSZY19]. **labyrinth** [WLJ15, ZBKS16]. **Lacunary** [Haz16, NP18]. **LAD** [LK19b]. **ladder** [KSD+15]. **lag** [Nak18, SAES19]. **lagging** [DJL17]. **Lagrange** [AM18b, Erb16, IKMW15, KM15a, LZZL15, LZY+17, LY18d, LHZM19, NS15a, SBL16, WLZ19b]. **Lagrangian** [BFR18, GSDH15, JOÖ16, JM18, KBK15]. **Lagrangians** [SK17b]. **Laguerre** [ÖK19, DOR18, YWZ18]. **Lainiotis** [AAF15]. **Lake** [KSK+15]. **Lakshmikantam** [RZD+19]. **Lambert** [Miy19]. **laminar** [ATK+16, SH15d]. **laminar-turbulence** [SH15d]. **laminated** [AM15b, KCWK15, LZL17, MRF18]. **Landau** [KL15, RZMB17, YMD15]. **Lane** [MFMK17, SK17a, Tsi19]. **Langevin** [WL15]. **language** [ARK15]. **Laplace** [Awa15, CH18a, CCJ15, GIT15, JPY16, LXZ19b, Mi17, MSH15, NCEGA15]. **Laplacian** [FFT15, HLZ15, All18b, CHRD16, CCC19, CZ17a, CT17c, DMG15, DM16, DMG16, DVJ18, DFSC15, GW16, GS15b, HTW19, HLL16, Jia15, LS15a, LH17b, LWM17, LGS+18, LMZW16, LPHH15, Lv18, MB15b, SD19b, Wu17, XZC16a, XZC16b, XHW18, XLS18, YQ15, YFY17, YLQ17]. **Laplacian-energy-like** [LPHH15]. **Laplacians** [GFE19, HL18, MB19, ZDK15]. **Large** [FFTB16, CYZ17, CK17, CSZ19, CLSS19, DCW15, FA15, GT15a, GZ18, JYF19, KÇ18a, KST16a, LG15, LWGS17, LCW+18, Mi17, Neu16, NY15, PR15a, QTF+16, TTD18, WHC18, WWHZ18, XZLZ17, ZW15d, ZCEW18]. **Large-scale** [FFTB16, CLSS19, DCW15, FA15, LG15, LWGS17, PR15a, WWHZ18, XZLZ17, ZW15d]. **largest** [CL15a, Ili18, SD19b, WS19c, YKZ15]. **laser** [PKHD18]. **Lasso** [LK19b]. **last** [SK17b]. **Lattice** [DSSC19, NB15, SK15, Tar15, AHLR19, CCL+15, DPL+18b, DZD+16, FZZ18, GYZC15, HMSS19, KRF17, Kri18, Kri19b, LLMW18, LCS15, LY18b, LSW16, MHR18, Wan16b, WSLC17, WL19a, WYD+18, WZZT19, ZZ16b, Bor19, RSC16]. **lattice-Boltzmann** [CCL+15]. **lattices** [AHG15, BGMS18, BP17b, BCFR18, LPHH15, LP15b, WWW+17]. **Lavrentiev** [JSG15]. **law** [CP15d, Liu17a, OTH16, ZS17]. **laws** [AIIK15, AZAM15, BDH16, Gla19, GL15b, HSSH18, KRB15, LFY18, Maj18, Mos16, NKS18, QZL+17, XLW15, ZY15c, dlRGB16]. **Lax** [BP17b, Kud19b, TQC15, XLW15, ZY15c]. **Lax-type** [BP17b]. **Layer** [BKZA18, AL18a, ABN+17, BKL+18, DS15, EAY17, EM15, FXC17, GQC15, HAMA14, HHL+19, KKG18, MS18a, MKRS16, Pan15, PK18a,

SKS17, Sha12, SMR15, SV17b, WL16a, XP17, XCHW16, Zha18e, ZG15b, ZXD15]. **layered** [ZZLY15, ZLL16]. **layers** [LZ15d, LZ17e, PCS17, SN18a, SN18b, YDWZ19, YWH15, ZL16a]. **layout** [Mat15, Pal15]. **LBV** [And18]. **leader** [Ask18, FW18a, DDF18, MGCAPP16, WV18]. **leader-follower** [WV18]. **leader-following** [FW18a, MGCAPP16]. **leaderless** [HW17b]. **leaderships** [BM19a]. **leading** [HGG16, YLLH19]. **leads** [NT19]. **leaf** [TH19]. **leafless** [YL18]. **leakage** [LC16a, MRC+18, NR16, RZSS15, SM15b, WCHW19, ZSZ17]. **leaky** [LWWL19, PAM19]. **Leapfrog** [AOS17]. **leaping** [LF15]. **Learning** [BRM+19, APMM18, DCA15, HHL+19, KSS19, KSA19, LL15b, DDF18, LWSO19, MNYL18, bOqGyK+15, SS19b, TD18, Tsy19, WWDW17, XY15b, YW15, ZLZ+19, ZZMS19]. **Least** [AM16, MO15b, Nak18, RS17b, YZ15b, CPP15, DBK15, FB19, FLL+19, HGM15b, HM18a, HXLC15, HM18b, JT17, JYSR18, JCW+15, KJ15a, KF19, LY15a, LCW15, LLC19, MLW18, VS19, WZC+18, WZF+19, YSD+17, YFY17, YZYgG18, YWH15, ZS16a, ZJJ15, ZWLZ15, ZZHT17, fP15]. **least-square** [LCW15, WZC+18, WZF+19]. **Least-squares** [Nak18, YZ15b, CPP15, HXLC15, JT17, KF19, LLC19]. **leaves** [TH19]. **Lebesgue** [Zha17b]. **Lecar** [LTUZ15]. **Leffler** [CZLS18, KKMS16, LJW+15, LW18d, LK19a, ÖK19, SC18a, YLHS17, Zha19c]. **left** [LQ15, LJ19, RBB19]. **left-looking** [RBB19]. **leg** [QZ15b, TZ18a, Wan17c, ZZ19c]. **Legendre** [DN16, SR15a, AKAA15, AMO18, AM18b, DN15b, DOR18, HS18, IH15, KS16a, LW18h, MYHS18, PS19, RME18, SS18a, SR15b, SR15c, Xy16, ZMQ16, ZjW19]. **Legendre-collocation** [AMO18]. **Lehmer** [TCY15]. **Leidenfrost** [KRF17]. **Lemma** [KJR+18]. **length** [DDdF16, Dim17, HRLGÁ18, MWL+18, SH18b]. **length-** [MWL+18]. **lengths** [KPG16]. **Leon** [FMC15]. **Lerch** [SGG15a]. **Leslie** [QG19, STJS16]. **leukemia** [RMCG19]. **Level** [EGH+19, ALZ16, BS15a, CCGP16, Chi15, DH19b, DL15b, FM18, GSV15, GSV18a, HDG15, KSK+15, KLZT15, KMP15, Lac15, LWZ16, LL16a, LXL17, LJR19, MBM16, MVS19, MC15c, MMK17, MKS19, SSS17, WEH18, WV18]. **level-disjoint** [GSV15, GSV18a]. **level-set** [DH19b, LXL17]. **levels** [Mou15]. **Levenberg** [Che16c, HMF15, WZ16a]. **Levi** [TZTG17]. **Leviatan** [SV15b]. **Levy** [MDZ15, CWD+19, CDL15, GDL16, HC18, KPP18, LZZ15, LC15d, LB15b, LB16a, LB16b, LXZL19, Liu19, Maj18, MHM15, QD18, WDLS18, XPG15, XHW15, ZYZ16b]. **Lévy-type** [KPP18]. **Lexicographic** [CPS18, BS19c, HHZ18, LH19c, Mao17, SDAB17]. **liability** [HW17c]. **library** [WWR+15]. **Lichiardopol** [MY19]. **lid** [GG15c, SK15, SP15]. **lid-driven** [GG15c, SK15, SP15]. **Lie** [eMA15, ACE19b, ASM16, BCSG18, Bra15, CSZ15, DOZ18, EHdLS16, HAC18, Nas19, SJD+18, TTXZ16]. **Lie-group** [HAC18]. **Liénard** [JS16, RM18b, SK17b, Sun15a, TPCL15, YD18, YL19b]. **Liénard-type** [SK17b, TPCL15]. **life** [Elm15, MHZC15, MMB15]. **life-cycle** [MHZC15]. **Lifetime** [GCLG15, Nad15]. **lift** [ZH19a]. **light** [MHR18]. **like** [AHM16, ACMT15b, AM15g, AG16, AM18c, CZP15, CXL16a, CCY19b, DSZY19, EHVV15, GKN16, GOA19, GJNRG15, HVR16, HYJ19, KM17b, Kri19a, KC18b, LH19b, LPHH15, LZ17g, NBK16, QLZ15, RWW15, SLWX15, WTXZ16, WH18, WGSX19, WN16, WF15b, WBL17, LM19, Zha15b, ZM15a]. **likelihood** [WWMX16, YYP18]. **Limit** [Ber17, HV15, LLdM15, LLdM16, YD18, DY17, Fer15, GLN15, GYC19, Jar15, KL16,

KCKZ15, LZS15, QX17, Sun15a, YY17]. **limited** [Dan18, DGL+15, GR19b, Liu15d, LWZ18, QTXY16]. **limited-information** [DGL+15]. **limiting** [ZSK+19]. **Limits** [CCGP16]. **Line** [WCZ15, BFJ+17, BK18d, CMR17, GKS16, HMF15, HXM18, LWQ18, LG15, LZ15a, LW16, LGL19a, NZZ16, NKKS16, NRAEC19, PZ16a, RMA15, SX15, TX18]. **line-search** [NRAEC19]. **Linear** [AHP19, ACP19, HGL19, Kri18, LZ18f, SSG+15a, SDP16, WZ18b, ZS16a, AwEE15, AF18, Ade19, ABLZ15, ABL15, Agr15, ANGC17, AZ14, AIG17, ASS16, ARSV15, ACC16, AJP18, AZ19, BS16, BMO15, BDSS15, BDSS18, BB19b, BCG19, CT17a, CR15, CCNQ19, CFSGM17, CJN19, CXP16, CLXW17, CDJ19, CWHY15, CYSY16, dCM16, CW17, CCL+16, CL19c, CvRvdM18, CPS18, CNQRR18, CXW+19, DLBQ19, DQH18, DHQ19, DB16, DBV18, DK16, DKBS15, DHS19, DZ15, DL17c, DLXZ19, Du17a, DEdlT17, ER15, EAAM+15, Ely18, EMM17, FP18a, FZL19, Fio16, FFTB16, GA15, GZC19, GGHL15, GMOGCCC15, GCMR18, GSP15, GLN15, GSD16, GZ15a, GSVK17, HN14, HV15, HV19a, HHZ18, HP15b, HST17, HLL16, HM18b, JT16, JT17, JLL15b, JKK15, KJ15a, KRS18, KOR19, KBK15, KPT16, KAMD18, KLZT15, Lac15, LLP17, LWT+15]. **linear** [LSZ+19b, LL19b, LLW19, LSL19a, Lia15a, LZ17c, LLZ17, LZL15b, LB19, MM15b, MTY16, MGL19, MCY19, MM04, MC17, MW18, MLW18, MH15b, MH17c, MH17b, MK16, MKS19, MH19b, Nak18, NN19, Oni18, PMV16, PHM19, Pop17, Pos17, PK18b, QZW19, RNM15, RP18, RLZ19, Ras15, Reh17, Rem18, Sab18, SCR+15, SM16, SHR18, SR15e, SZ19a, SMZ15, Sha15f, SY17a, SLLC19, SG15, SGG15a, SML18, Sug17, Sun18, SLS+18, SCY19, TM19, Tch15, TN19, TB17b, VD16, VMLO19, VK15, VK17a, WY15a, WZ16a, WS16, WHTW17, WZZ18, WH18, WDG19b, WYLG19, WLZ19a, WZLP18, WN15, XPZ18, jXlZX18, XSSW19, Xu19d, YPZ18, YZ19, YZ16, YYP18, Yüz15, Yüz18, ZLLZ16, ZZ14, ZS15b, ZZ15c, ZGL15, ZMQ16, ZD17, ZZHT17, ZF18, ZWZ19a, ZJYD17, ZZL18b, ZM15c, ZM18b, ZYJ15, ZZL15b, dSH17, vLtTBI18]. **Linear-quadratic** [WZ18b, ASS16]. **linearisation** [MRR17]. **linearity** [Kur19]. **Linearization** [MGMM17]. **Linearized** [Li17b, BPR18, Gua19, ZZQ18]. **Linearly** [BMRS18, BS19b, HP15a, PW19a]. **lines** [SDS18, YRA15]. **linguistic** [YZD15]. **link** [DJW19, GM15b, LSX19, ZLWS15]. **linked** [FHM16, SCB15]. **links** [Chy16, LSCK15, SWSW19]. **Liouville** [AYD19, ARL15, CZ18a, CD15c, Deh16, FFT15, GZZL17, HL17, KMT16, MNR19, PSPÁV15, PS15b, WBL17, YW16, ZW15a, ZLD18, ZjA19]. **Liouville-like** [WBL17]. **Lipschitz** [ALL18a, BÁR15, GJNRG15, KG19, NT16, NPT19, TY18, TTK15, XPG15, YCH19, YLCW18, YSL19, ZZL16a]. **liquid** [Alk19, BBGR15, DL16, GR17b, Jai18, KSV15, QX17, Qia16a, Qia16b, RMD18, WXM+18]. **Lissajous** [Erb16]. **List** [HWL+19b, CRCVMS18, CCW17, Xu19d]. **Lithium** [BdS19]. **Lithium-ion** [BdS19]. **Liu** [GCAA18]. **LMI** [CLXW17, LSAR15, MRC+18, WZYS15]. **LMI-based** [LSAR15, MRC+18]. **load** [DF18, MSL15, VVA+15, WR15]. **loaded** [WE19]. **loading** [FFL16]. **loads** [NND+18]. **Local** [ABMA19, BGSCGL19, BF15, CLY17, DL16, HL15a, KBK+16, LM18, NAM18, PZ16a, PeO18, RXQ19, SMR15, YX19b, YHY+18, AJMN18, AM17, ACG19, AD19, AAMC19, BES19, CEHVT15, DWRZ17, DS16b, ES16, FFGRSV19, GI16, GZW15, HVR17, HSS15, Hua15, KGS+15, KK16b, LJD17, LL17c, LF15, MA15b, MSHG16, MS16a, MB17, MRR17, PS16, QZL18b, RRV15, RLH15, RRW+15, SMI18, STB16, SST15, SGMH16, SC17, WZ16a, WSZ16,

WZWD15, Wei17, WYZ+17, YMS16, YWS18, YCH18, YDCS15, ZWF15, ZSL17, ZM15b, ZM17, ZZL15b, DKKR16, SST18]. **Local-in-space** [YX19b]. **local-support** [GI16]. **Localization** [LVV18, AK15b, CEP15, LLL17b]. **localizations** [KG18, KMR18]. **Localized** [ZZBS16, ZHS18]. **locally** [ACKS16, BLM+16, GSLC18, JM15, TTK15]. **locating** [GHM18]. **location** [CRCVMS18, GWC+16, GKDHR19, MK15c, ZLLP18]. **location-allocation** [GKDHR19]. **location-routing** [ZLLP18]. **Lockage** [YJYH15]. **locking** [FA18]. **locking-free** [FA18]. **locomotive** [Hsi15]. **locus** [CGG+18, SWA+19]. **Lodge** [MV15]. **Log** [ZC19c]. **Log-concavity** [ZC19c]. **Logarithmic** [ROGS16, AD17, AAMC19, CZ15a, CXW18, ZBL15]. **logical** [ZZ16c]. **logistic** [CCH15, EYE18, HM15a, HC18, KSN15, LDD15, LB15b, Wan15d, XD15, XSLW17, XWZ15]. **Logit** [LWWZ17]. **Loizou** [PV19]. **lollipop** [Tur18]. **Long** [Che18b, Kan15, AG15a, BAB18, BS19b, GM15a, GHN+16, HEA15a, HEA16, SSG+15a, SW17c, TT18, WXZ18, WDG19b, YWRP16]. **Long-time** [Kan15, BS19b]. **long-wave** [WDG19b]. **long-wave-short-wave** [WXZ18]. **longest** [PP12, PP15b]. **longest-edge** [PP12, PP15b]. **longitudinal** [ZZBS16]. **looking** [RBB19]. **loop** [LXZ19b]. **Lorentz** [LW16, LH19a, QBNF19]. **Lorenz** [LK15, SNL19, WF15b, ZS15a]. **Lorenz-like** [WF15b]. **lose** [DZD+16]. **loss** [SZ18b, SBLZ17, WRZ19]. **losses** [CLW18, XPZ18]. **lossy** [QBNF19]. **lot** [MMB15]. **Lotka** [GIS15, HJ15, KZ15, Liu15d, LC15d, MWY17, QD18, SRK18, Vad19, Wan15f, YWL19, ZJ15a, ZJO+18]. **Love** [GM19]. **Low** [Pel17, STA+18, HZ16, KDS16, LL17a, QX17, SRH15, WHM+19, WL17, XS19b, Zhu15, LWK15]. **Low-Mach** [STA+18]. **low-rank** [HZ16, WHM+19, WL17, Zhu15]. **lower** [ABQ15, AK16b, GLW18, Jah17, JLW18]. **lowest** [ZS19b]. **loxodromic** [Nam19]. **LPS** [Rub19]. **LQG** [AM19]. **LRBF** [ZHS18]. **LRBF-PSM** [ZHS18]. **Lu** [LK15, ZLZ16]. **lubrication** [ACG19]. **Lucas** [CT18, SR16a, YZ18a, YZ17a, ZS15e]. **Lump** [MMIA19]. **Lump-type** [MMIA19]. **Lupas** [Sha15d, DP17, IAK15, KS18]. **Lur'e** [LZH+18, RVGS17, SLZ+16, ZZLZ17, ZCX19, YWS+19]. **Lurie** [ZG15a]. **Lyapunov** [AR16a, AÖ15a, AÖ16, CWLA18, DK16, DG15b, GDM16, GHW19, ILP+15, KKL18, LZY+17, LJHW19, NHWZ15, WHTW17, WJZF19, WLL16, WBL17, ZLDZ17]. **Lyapunov-Krasovskii** [LJHW19]. **Lyapunov-type** [DK16]. **lymphatic** [Bhu15]. **lymphocytic** [RMCG19]. **Lyness** [DGZ15]. **Lyra** [SR15f].

M [Amm15, PK18a, SJ19a, YLW16, ZWD15, Amm15, SJ19a, YLW16, ZWD15]. **M/M/1** [Amm15, YLW16, ZWD15]. **M/M/1/K** [SJ19a]. **MAC** [LR19c]. **Mach** [Pel17, QX17, STA+18]. **machine** [CS16b, GYY18, HSKHA15, KLW15, KSK+15, KSS19, MNYL18, PN15a, XY15b]. **machinery** [HYL+19b]. **machines** [ZXDP18]. **machining** [Han16, MJSA19]. **Maclaurin** [SHN16]. **macro** [HS15c]. **macro-economic** [HS15c]. **Macroeconomic** [TT18]. **macroeconomics** [Vol15]. **made** [VB15]. **Madja** [WL16c]. **magic** [MK15a, MWH+18]. **magnetic** [Ant18, BMC19, BGP15, DS15, JL15, MJ19, MGK+16, MS18a, MNJM19, NEK18, PRA+19, QBNF19, RRR19, RRR20, RPJ+18, Sar17, SV17a]. **Magneto** [JMK17, GS17c, LL16c, OTH16, SS18a, SMG+18, YL19c]. **magneto-hydrodynamic** [SS18a]. **magneto-hydrodynamics** [YL19c].

Magneto-hydrodynamics-driven [JMK17]. **magneto-micropolar** [GS17c, LL16c]. **magneto-porous** [SMG+18]. **magneto-thermoelastic** [OTH16]. **magnetoelastic** [GB19]. **magnetoelasticity** [GB19]. **Magnetohydrodynamic** [SS18c, LTL16, WLFH17, ZSF17]. **Magnetohydrodynamics** [EL19a, BLJ+19, EL19b, EL19c, Kem16, SJW16, YJK19]. **magnetoplasma** [Mis15]. **magnetostrictive** [KCK18]. **magnitude** [FMRRT15]. **Maheshwari** [CN15b]. **Maheshwari-based** [CN15b]. **Mahony** [HAC18, ZP16, Ghe16, Kan16]. **main** [JFT17]. **Mainardi** [BT15a]. **mainland** [WXP16, XZG19]. **majorant** [BF15, Sil16]. **majorization** [CGJZ18, GA17]. **majorizing** [AK15c]. **makespan** [GYY18]. **making** [GLL15a, GOH18, HJP16]. **malaria** [CWFL15, FG15, KCL19]. **male** [YSLS17]. **management** [CLT+15, LZL19a, LWW15a, MN16, PCW15, SZT17, WC15b]. **manifold** [ACE19b, Val15, WFZ17]. **Manifolds** [CB19, ACD18, BF15, NKP16, SA19]. **manipulators** [MND+15]. **Mann** [SPKC16]. **manufacturer** [Haf17, ZWY19]. **manufacturing** [CLHC15]. **many** [HHZ15, Kan19, LLL19c, Lv16, MN15, RP18, ZZL15a]. **map** [BB15b, ZQ18]. **mapping** [DBV18, DLY17b, PL15b]. **mappings** [AT15a, AK19a, ARGF15, APK15, BCO15, Nak15, PAK15, PN15b, SPKC16, SKA16, TTP16, ZBR15]. **Maps** [BMGMC17, APMM18, CB17, EYE18, HP15c, IZ16, Len15, MF17, MFOP17, MPB+17, Naa15, NJM+18, dSSB+16]. **marching** [WSZ16]. **margin** [CS16b]. **marked** [GCLG15]. **market** [FHM16, TDA17, ZLS16]. **marketing** [GLR+18, RRS+18, SRAC16]. **markets** [PP15a, YSX15]. **Markov** [Bir15, CCR18, CYSY16, CP15c, DLCV17, DHX+19, GHQ17, HXW+19a, JSW+18, LSCK15, LSZY17, LQC+18, LSZ+19a, LDS+18, SPP17, SYZP16, SY17a, SWZ+19, Sku15, SMZ+17, SC17, VMLO19, WMZ16, WLH+18, WRX+19, WHWW19, WC17, Xu15b, XSSW19, YYS17, YCD17, ZCCZ19, ZXD15]. **Markov-dependent** [SPP17, ZXD15]. **Markovian** [CHL15, CGZ17, CZM18, Fan17, HL15b, HZK+19, JGX15, JGKL16, KBR15, KKD17, Kim19, KML19, KPP17, LXC+19, LXJ+17, LYM18, LZHC18, MC15a, MJL16, Obr19, OL15, PD15, QG16, QZCJ19, Sha16a, Shi15b, SWSW19, Wan15b, Wan16a, WLZY17, WZS19, WL16d, XKWG15, XKG15, XGQW19, YSL18, YKJY17, YLP19, ZPZ+19, ZLDZ16, ZSS16, ZKKZ18, ZCAN19, ZC19a, ZMC+19b, ZH16, ZYWW16, ZDF17, ZXX+19]. **Marquardt** [Che16c, HMF15, WZ16a]. **marriage** [PZJ17]. **Maruyama** [LC15b, LYZ19, LT18a, RN19, RT18a, YG15b, ZGGY19, ZSY15]. **mask** [HM17]. **masks** [CZ17b]. **mass** [HMHA15, PMV16, Ste19, ZLW18]. **mass-conserving** [ZLW18]. **Massively** [MHCF15]. **Master** [LPKS16, LG19, SLZ+16, VS17]. **master-slave** [SLZ+16]. **matched** [LZ17a]. **Matching** [YL18, BNY15, CLC+19, CLR16b, CL15a, CL16b, CWD16, CWZ17, FHLL19, LWG16, QZD16, ZL16b]. **Matchings** [CDK17a, FZZ18, Jin17, SGDX18, WTZL18]. **Material** [DL15b, ANU16, HK18b, HL15d, OTH16, SA18a, WWR+15, XRB17]. **materials** [DWRZ17, DL15a, DNC+17, FLCSV18, HSS15, KMR18, LWWL19, NB19b, NEK18, Van15, WZWD15, YWYS18, Zha16b]. **Math** [MAK15a, MAK16, Sab18, Tom15, VK17a, WL18a]. **Mathematica** [ABMBR15]. **Mathematical** [Ant18, BG17, CLP+18, KN19, MK15b, Par18a, PBB18, Pon18, QZL18b, RRR19,

RRR20, SG17, SI15, TXL19, ZGH16, Zha16b, uRAD19, ARV18, AAE19, BKAAM15, CDHK15, CWFL15, CC17, CD16b, DW17, GNR+19, GRS+15, HTZY17, KCL19, LHJ15, NSN+18, Neu16, PZLZ15, RMCG19, San19, SP15, SRP17, SRAC16, SCZ+17, Tor16, Vid18, YJ19, ZZZ15a, ZDZ15, ZHWW15]. **Mathematics** [Ano19w, AZ19, Bag19, DN16, DSDL19, EL19a, FMB+19, LLZD18a, Pan15, PK18a, PP15b, Pon17, RRR20, Rho19, SN18a, YLWF16, ZZ15c, ZL19b]. **Mathieu** [GGL15, MS19b, SI19]. **Mathieu-type** [MS19b]. **MATLAB** [AV15, CSV19, DRS18, Kok15]. **matrices** [AF18, AAKT15, APS16, AV15, AH18b, BR16a, BCR17, CÁGGLP16, CEG+15, CSZ19, CN15a, CLT18, CEP15, CKDC16, DK15b, DP17, Den15, EÖ17, FLT18, Fio15, GLS16, GGZR16, HWZ17, HHZ15, JXW15, JH15, JZ15a, JH17, KWGRP16, Kur18, LH17a, Lin15, LCJ15, LLL17b, LZZT18, MR15b, NC19, OP19, PÖB15, Pos17, RM15, RG18a, SZ18a, SS17, She18, SML+15, SPST17, SPS18, SKK19, SCN15, Tan15a, TXM15, Tan15c, Vis15, WY15a, WS16, WZC+18, WNF19, WW19, WZLP18, XZS16, XBC19, YG15a, Yor15, Zha18a, ZY19, ZL15b, ZS15e, ZVL19, ZwX16, ZCEW18, dF15, dFKMM15, dFY15]. **Matrix** [BPC15, DLD16, TG17, TG19, YQD17, AKAA15, Ace19a, AZ14, AU15, AM15h, AE17a, AZ19, BS16, BD15, CCGP16, CCY19b, CD16b, CT18, CFdCdS18, DLBQ19, DGF17, DS19, DR19, DG15b, EEST16, GGMPC15, GBJ19, Gua19, GZ15a, Hag15, HZ16, HS18, HS17, HGM15a, HM18a, HM18b, IB19, IÖ19, lJdW16, JT17, KS16a, KM15b, KOR19, KA15c, KZZ15, KK15a, KK16a, KC18b, KKL18, LWS15, LW18d, LK19b, LH19b, Liu18c, LZZ+19, LZH+18, MNNP19, Miy19, MSL15, NE16, NB19a, PSZ18, PG15b, PSPÁV15, PS19, RWH15, RM16, SC18a, SIA+17, SID19, SMZ15, SPS16, SWY18, SY18c, SDWG19, TTLX17, TF18, WD15, WY15b, WL17, WZLP18, WLZ19b, WSZ18, XL15, XM15, XLYZ19, YQ15, YLQ17, YZ15b, Yua15, YZ15c, ZZLZ17, ZLW19, ZGL15, ZWLZ15, Zha16d, ZHJ+17, ZWL16, ZDJ19, Zhu15, ZT16c, ZZ16c, dCSS17]. **Matrix-Tree** [YQD17]. **matrix-vector** [GZ15a]. **max** [CCGV19]. **max-product** [CCGV19]. **Maximal** [FLT18, HP15b, HFK19, KST19, MR16b, RGH+15, SG19a, Wil18, ZLSX18]. **maximally** [ZM18a]. **maximise** [SISV19]. **Maximization** [ARACCA+18, HWL+19a, AJ15, Els17]. **Maximizing** [Gou18]. **Maximum** [ARL15, HV19b, RzS15, WXY15, WWMX16, CYZ17, CYW18, FT18, GYY18, HM15a, HSKHA15, HLW15, KST16a, LPW15, SWG+17, SX16, TDS15, WYW16, WWW19, XX19a, YSY+17]. **maximum-flow** [HM15a]. **Maximum-norm** [WXY15]. **Maxwell** [MM15a, CWG15, CDL18, NI19, PMS16, SC18b, YZJ18, ZCCL18]. **MCC** [ZZ19a]. **McKean** [WWMX16]. **MDCK** [Kim18]. **Mdm2** [PBB18]. **Mean** [DWS19, FHM16, LKZ18, LRH15, RN19, WWZD16, ZSY15, ZYX19, Bor15b, BCD+19, Fio15, Gao19, KHN19, LC15b, LMD19, MS15a, NM15, PYZS18, RN18, SS19a, WDLL15, WDLS18, Xu15b, ZBL15, uRAD19]. **Mean-field** [DWS19, LRH15]. **mean-reversion** [ZBL15]. **mean-semivariance-CVaR** [NM15]. **Mean-square** [LKZ18, ZSY15, LC15b, PYZS18, RN18]. **means** [ACTV15, ABB+18, BE17, CIPT15, DGN16, CVMGPPGC15, Jar15, RRTR15]. **measles** [BMT19, PRL+15]. **measure** [ATV16, AKT19, BPC15, BMR17, CS17, DR19, HSAR19, KAH15, RAH19a, ZLWW15]. **measured** [ZZL17]. **measurement** [CSL19, HYJ19, LPJ18, PWFY18, SDP16, XXW+19]. **measurement-delay** [CSL19, SDP16]. **measurements** [DPL+18b, JZ19b]. **measures**

[ADG19, CDK15, DSM15, DESS15, DCS+19, II17, KE16, LZX19, SH19, WXZ18, WL19c]. **measuring** [DV15, MD18c]. **Mechanical** [AL18a, AZL15, FFL16, KK15c, LHHS16, TTV15, VPS15, YLW19]. **mechanics** [IR16, ZJJ15]. **Mechanism** [Kim18, Chy16, DZD+16, FHV15, HXW+19b, KTD15, LY18c, LMW+19, TKDF15, WWDW17, WWSM19, ZHY16]. **Media** [KIZ18, WE19, ARV18, CDP19, DK15c, EB16, GO15b, GZW15, Har16, HZ17b, KS19b, LR17, LWGS17, LYDH18, LRL18, LZ15c, Liu18b, LCW19b, MHR18, PRA+19, RL15, Zha18e]. **Median** [SM15a]. **mediated** [BF16a, WGLZ16, ZY16]. **medical** [APMM18, QTXY16]. **medium** [GB19, Jai18, KSD+15, MSI17, NM19, Pan15, RNM15, SSB18, Sha12, SMG+18, SCM19, YJW16, YCLS19, ZLL16]. **Mehler** [PR15b]. **Meir** [LR19a]. **Mellin** [DL17b, Kat15]. **melodic** [BDBKV19]. **melt** [SZO16]. **Melting** [AAE19, PHRB18]. **membership** [CGAL19]. **membrane** [AZL15, CM16]. **membranes** [Xu19b]. **memductance** [SAM+16]. **memories** [MAG15]. **Memory** [CFdCdS18, SLLZ19, YFLF17, ASHSC17, AKKB17, CCTV15, Che15f, GSPH19, Kur19, LG16, LLX18a, Liu19, LA15, LTZ+17, PC17, PSP17, RXZW17, RMB15, SP19, SLTH15, TT18, UKS+16, WC17, Xu19e, ZL19c, ZL19a, ZL19b]. **Memory-based** [SLLZ19, YFLF17, RXZW17]. **memory-saving** [PSP17]. **Memory-usage** [CFdCdS18]. **memristive** [CZLS18, FYSC18, LC16a, LGC19a, LGC19b, MPS15, SAM+16, TDL+17, WCHW19, XZ18, ZZZY17, ZZ18a]. **memristor** [BPC15, CLPY18, GZLL17, LSZ+18, LCLZ19, SCC17, WDG19a, XZLL17, YZH+19, ZMA+18, ZYC18]. **memristor-based** [BPC15, CLPY18, GZLL17, LSZ+18, LCLZ19, SCC17, XZLL17, YZH+19, ZYC18]. **MEMS** [KS16b, Zho17]. **Menger** [ACS15]. **Menten** [MMS17a]. **menus** [RLGGAV17]. **merging** [WGL15]. **Meromorphic** [LL18a, LH15, SS17]. **meromorphically** [SGG15a]. **mesh** [BCNN19, BDH16, DN15a, GAT18b, JSM16, Kok15, KKS+16, MK16, PP19, Raz15, TMS15, UKK17, YNMW16, ZL16a, ZZ18b]. **meshes** [BLM+16, BZ16, DEdlT17, Gia15b, KK16b, LZ17e, PP12, PP15b, SzSC19, SZL+18, STA+18, ZSY17, ZSY18]. **Meshfree** [LHZM19, EMM17]. **Meshless** [HHG19, LZL17, uIHA18, uDuI18, AD17, AD19, BLJ+19, DWRZ17, HS15b, HSS15, KC19, LRL18, LLG+15, MZM16, MB17, SJ18, WZWD15, ZYY17, KBK+16]. **messages** [LdCC15]. **meta** [GI16, MFF15]. **meta-heuristics** [MFF15]. **meta-model** [GI16]. **metachronal** [FTE19, Pon18]. **metacirculant** [CZ19]. **Metadomotic** [MMG15]. **metagenomic** [KZ19]. **Metaheuristic** [KM18b, MMB15]. **metaheuristics** [PGLG17]. **metal** [NND+18]. **metaphysiological** [HXS+16]. **metapopulation** [FJ19, MTMB17]. **Method** [KI15, LjL15b, Rog19, ABMBR15, eMA15, eMBHA15, AF18, AKS15, Ace19a, AJ17, AJC+18, ASKK19, AD16, ARB19, AD15, AJMN18, ANGC17, AMO18, ASASM16, AHLR19, ACE19b, AAS+17, AP19, ÁL15a, AV18, AM16, ALZ16, AHY19, AL18d, AND17, ACMT15b, ACMT15a, AM15e, AG15d, AK15c, AR16b, AM17, ACG19, AD17, AKA19, AADMM16, Bac15, BAV18, BS16, BBF+18, BBG19, BAB18, Bas19, BD18, BY19, BMT18, BNY15, BdS19, BKW18, BAR18, BF15, Bog16, BZ17, BPR16, BES19, BLJ+19, BTWY15, BBD15, BG17, CGPR15, CGJV16, CL19a, CG15, CCL+15, CR15, CY16a, CCNQ19, CCJ15, CLX17, CC16, CL16a, CKG19, CLJ+15, CKW15, CD15b, Che16c, CD16a, CGW16, CW17, CR18, CZLM18, CXL18,

CG19, Chi15, CDL18, CN15d, ÇT16, Cim18, CD16b, CJ16, CEHVT15, CXW$^+$19, DCW15, DLF15, DWRZ17]. **method** [DLBQ19, DA19, DL17b, DGZ16, Deh16, DS19, DH19b, DBV18, Dol15, DS16b, DLH15, DFJ16, Dor16, DLCT18, DWTT17, DWT17, DQW$^+$19, DL15b, DF16, ER15, EHS17, Eft15, EKS$^+$15, EAAM$^+$15, EKO19, ET15, EMM17, EA15b, EE18, FA15, FSW16, FZLT15, FG19, FBF18, FY19, FGPR18, FP18b, FLL$^+$19, GY15, GS17a, GYY15, Gao16, GZZL17, GLM19, GWK16, GGM18, GM17a, GQC15, GS17b, GN15, GM17b, Gol19, GWK15, GN19b, GVA16, GAT18b, Gua19, GE16, GZW15, GYZC15, GG19b, Hag15, HAC18, HHP18, HEA15a, HEA15b, HEA16, HZ16, HYB17, HP17, HVR17, HS18, HHGC16, HAY19, HSKHA15, HSS15, Hsi15, HLLT15, Hua15, HM15b, HYW$^+$15, HM19b, HMGC18, HHG19, Ied15, ID19, JOÖ16, JA17, JSM16, JK15, JDG18, JLY18, JMW15, JSLW17, JSG15, JIS15, KKT15, KC19, KCZK15]. **method** [KLZ19, KBK$^+$16, KZ16, KRF17, KJ15a, KM15a, KM15b, KM17b, KBK15, KZA19, KNBA15, Khl18, KK16a, Koc15, Kok15, KXZ19, KFHH15, KVS15, Kri18, Kri19b, Kue15, LX15, LLMS16, LPZ19, LY15a, LWQ18, LOOGB18, LW15b, LCW15, LW15d, LZS15, LWK15, Li16b, LW16, LWZ16, LL16a, LR16b, LR17, LL17a, LZ17a, LCL17a, LZCW18, LZ18b, LJL18, LQZ$^+$18, LLz18, LSLZ18, LML18a, LD19a, LM19, LR19b, LZ19d, LCW19a, LL19b, LYH19, LLW19, LHLL19, LJL19, Lia15b, LYXL15, LRL18, LVV18, LSZ15, LLG$^+$15, LFL$^+$15, Liu15a, LY16b, Liu16a, LXL17, LW18h, LMMZ18, Liu18b, LL19d, LS19b, LFC$^+$19, LMD19, LLL18d, LWW15c, LHX15, LYY15, LHWG16, LT18b, LPW15, MZ15, Ma15a, MGL19, Maa15, MDHD18, MD18a, MA15b, Mah18b, MS17a, MS17b, MHR18, MMV16, MYH15, Mia17, MP19b, Mic15a, Mic15b, MH16b, MD17, MNNP19, MDZ17, MB17, MDH15, MSL15, MS15d, MO15b, MRR17]. **method** [Nag17, Nak15, NMNTBXVD15, ND15, NFS$^+$15, NHWZ15, NRAEC19, NAM18, NEK18, ODP17, OS15, Oka18b, OPP18, Pan15, Par15, PC16, PZJ17, PSY$^+$17, PJ15, PVL19, PSP17, PKS15, PK18b, QBNF19, QDH$^+$18, QFTT15, RKQ19, RNM15, RSKB15, RSKB16, RS17a, RWW15, Raz15, RW17, RXQ19, RVE19, Reu15, RMM19, ROGS16, RME18, RGA19, RM19a, RMK19, Rui18, SS18a, SAC18, SuR15, Sae17, SAA19, SH15a, SR15b, SR15c, SDS18, SM19, SLC18, Sar17, SA16b, SR15e, SSN15, SL15a, SH16, SR16b, Sha12, SB15, SM15d, SPW15, SLW16a, SY17b, SZL$^+$18, SY18b, SLL19, SK17a, SGJS16, SJW16, Sil16, SPS18, SGKR19, SDK15, SRS17, SHHC18, STK15, SNL19, SG15, Su19, SM18, SLL$^+$16, SW17c, SDWG19, TM19, TSJ16, TRP15, TMPG17, TZF15, TG16, Tch15, Tha18a, Tha15, Tho17, TLHC17, TLZ$^+$19, Tom12]. **method** [Tom15, Ton18, TTK15, UKE15, USCA15, USCAAA15, UKS$^+$16, VLCT18, VRC15, VK15, VK17a, VBG$^+$17, VDV15, VS19, WNMC15, WSdSY15, WZ15b, WZM15, WHSS15, WZ16a, WS16, WZ16b, WMLG17, WHTW17, WLLK17, WZWJ18, WA18, WXWX18, WZC$^+$18, WW18, WLWA18, WZF$^+$19, WX19a, WR19, WSC19, WJL19, WNN16, WN16, WZWD15, Wei17, WW19, WY15b, WLLL15, WZLP18, WL19c, WHX15, WC15b, WD16, WLWD18, Xy16, XZB$^+$18, XM15, jXlZX18, XHW18, XCHW16, XX19b, XLR17, YDWZ19, YR15, YZD15, YLW15, YBZ18, YCH18, Yan18b, YJK19, YTH19, YW19b, YX19a, YZJ18, YKZ15, YG15b, YS16, YJSW16, YWZ18, YP18, YZZ18, hY18, YCLS19, YWH15, Yüz15, Yüz16a, ZMBJ19, ZA16, ZWF15, ZGGY19, ZL15a, ZLL15b, ZGL15, ZLL15a, Zha15b, ZZLY15, ZT16b, ZZCY16, ZZY$^+$17, ZGH17, ZD17, ZL17a, ZZ17a, ZCXX18, ZZG18, Zha18b, ZZ18b, ZJY18, ZF18, ZC19b,

ZYSL19, ZWZ19a, ZZ19a, ZCW+19b]. **method** [ZjW19, ZZ19b, ZCU17, ZBH+15, ZY15c, ZSY15, ZHS18, ZZQ18, ZM15c, ZQG16, ZVL19, ZLK+19, ZS14, ZWT15, ZW15d, ZYWW16, ZX16, ZZL15b, ZW15e, ZT16c, ZZ16c, uRIS17, Bor19, DGLE17, JO15]. **method-based** [DCW15]. **methodology** [CPS18, Laa18, VDV15]. **Methods** [ABI19, DGRR16, ABC+16, ABD16, ASHSC17, ALP18, AKK15, AHP19, Ali15, ACDT18, ADG16, AG15c, AM15g, AM15f, AG16, AKKB17, AM18c, ABMA19, AP15, ASV17, ACTV15, ACTV17, AP18b, AAH19, Bab16, BMDS17, BBCI18, BCMT15b, BCMT15a, BAM16, BCMT17, BSZ16, BB19a, BK18c, BM19d, BST18, BRV18, BDH16, BCT15, BK18d, CFR18, CCTV15, CP15a, CP19, CY16b, CJ18, CGWW17, CH18b, CWL19, CN15b, CN15c, CN16a, CN16b, CN19b, CvRvdM18, CGMT16, CSTH17, CRZ19, DN15b, DN16, DJL17, DL18b, DKKR16, DMR15, EB16, EHVV15, FT16, FT17, tFyZZ15, Fan15a, FMX15, FB19, FKR15, FR16, GM15a, GML18, GHL19, GAB17, GKN15b, GKM16, Gia15a, Gia15b, GGHO18, GPHAPRW16, GR19a, GL15a, GIS18, HKL15, HMD19, HH15, HVR16, HP15c, HL16, HZLY17, How15b, How16, HH18b, HM15d, HM15c, HXLC15, HM18c]. **methods** [HHT19, HMT15b, Jeo16, JZ19a, JISI18, KZR17, KCK16, KWGRP16, KM17a, KBM16, KSL19, KDTP18, KKS+16, KG16, KD16, KMZ19, KC18b, KDG19, LWZ19a, LLL16a, LL15d, LC15b, LB15a, LG15, LZ16, LZ17b, Li17c, Li17d, LJD17, LSjL17, LKZ18, LD18a, Li18, LW19a, LX19a, Lia15a, LZH16, LZ17e, Liu17a, LLL18c, LZ18f, LZZ+19, LS17b, LA15, LZ17f, LJS17, LK18, MHN15, MD15a, MSHG16, MRF18, MLW18, MH17a, MK16, MMK17, MKS19, NCEGA15, NE16, NBK16, NCS16, NSM16, NRS19, Obr19, OR18a, OB18, Pan18, PR15a, PL15b, Pel17, PH17, PV16, Pro16, PIP19, PV19, QFS17, QLLY18, QZ15b, QDD15, QZW19, Qiu18, RP18, RR18a, RN18, RN19, RS15a, RA15, RT18a, RB15, RG19, SST17, SuRI15, SM15a, Sap18, SHR18, SN15b, Sha15e, SSK15, SB15, Sha16b, SA16c, SLTH15, SE18, TZ18a, Tan15b, TLL16, Tan18, TZ18c]. **methods** [TSZ19, TZ19a, TTLX17, TG17, TG19, TB17b, Tsi19, UKK17, VS19, WCZ15, WDLL15, WY15a, WK16a, WSZ16, WK16b, Wan17c, WZZ18, WH18, WAS19, WY16, WTUZ15, XL15, XY15a, XY18, XS19b, YZ18b, YLNL15, Yos19, Yue19, Yun15, uDuI18, ZV17, ZNV19, Zam19, ZSA+15, Zei16, ZJJ15, ZS15b, Zha17a, Zha18a, Zha18c, ZX19, ZLZ+19, ZS19a, ZRLX19, ZCQ15, ZCZM15, ZZX18, ZYX19, ZM16, ZCC15, ZZ19c, ZSF17, dFGAN18, dSRTZ18, vLtTBI18]. **Metric** [GHM18, LZ17g, ACS15, GGM18, JJ15a, KKTY17, LR19a, Laz17, LZCW19, RDLG16, RHP18, YEMRV17]. **Metric-locating-dominating** [GHM18]. **metrics** [DCK+18]. **metro** [YYX+19]. **Mexican** [FMRRT15]. **Mexico** [MTCV+16]. **MFS** [MC17]. **MGPBiCG** [XM15]. **MHD** [BLJ+19, BAR18, BGP15, CXW18, EM15, FAHZ16, JL15, PMV16, PP18a, SSB18, WL16c, YZ17b, YB15, ZWaY18, ZL17b]. **mHealth** [CDZ+18]. **Michaelis** [MMS17a]. **micro** [BM18a]. **micro-polar** [BM18a]. **microchannel** [ATK+16, JOÖ16]. **microcirculation** [PSP17]. **microorganisms** [RMD18]. **microphone** [KS16b]. **micropolar** [BGP15, CSZ15, FTE19, GS17c, LL16c, Mah19, OTH16, RMD18]. **microscale** [BR17, DJL17]. **Microscopic** [DLS19]. **microstructure** [MPW15, RC17b]. **microstructures** [LHHS16, XRB17]. **microtemperatures** [OTH16]. **microtubule** [AB18]. **microtubules** [CD16b, ZZBS16]. **microwave** [Oli17]. **mid** [LX18]. **mid-knots** [LX18]. **middle** [Yan17]. **migration** [LY18c, NKKK18, RCW+18].

Mikhailov [Tal15]. **Mikhailov-Novikov-Wang** [Tal15]. **Mild** [GD15, APL15, GT15c, SS16, Wan15c, YB15]. **millions** [MHCF15]. **Milne** [Gao16]. **Milstein** [ARB19, WL19c, YG18, ZYSL19]. **Mimetic** [DO18]. **Minc** [Mor15]. **Mindlin** [RCM15]. **MinHash** [KZ19]. **minimal** [BM16, DDdF16, Dim17, JJ16, LG17, LCW+18, STD15, WZ19, XZW+15]. **minimax** [Fuk15d, Fuk15b]. **minimization** [CL16a, HSKHA15, MGPL15, PTO19, XHW18, ZPRZ18, ZWY15b]. **minimize** [GYY18, HHT19, MTY16, WYW16]. **Minimizing** [LP16a, Far16, Lu15]. **Minimum** [GXCY19, ZYH15, AL19, ADA18, Bor15b, CWL16, CSL19, FNS15, HLX17, HRLGÁ18, JYF19, KM19, KKST16, KKST17, KS19a, PZ19, RZH+19, YZ19, ZTW19]. **minimum-cost** [KM19]. **minimum-time** [CWL16]. **minimum-variance** [CSL19]. **mining** [KPLC15]. **Minkowski** [GTBC18, MSdC+18]. **minor** [YQD17]. **minority** [YC18]. **Minute** [Lah18]. **Minute-ahead** [Lah18]. **Miodek** [GR15b]. **Mirakjan** [MDG18, MNK19]. **Mirakyan** [GG15b, Aca15, DPD18, KM18a]. **misaligned** [YW19b]. **miscible** [GZW15, Kim15a, LR17, YCH18, ZZ19a]. **Mises** [Gat18a]. **miss** [MS15c]. **mission** [LXPD15]. **mitosis** [AVCCGAVDL15]. **Mitsch** [DKM15]. **Mittag** [CZLS18, KKMS16, LJW+15, LW18d, LK19a, ÖK19, SC18a, YLHS17, Zha19c]. **Mittag-Leffler** [CZLS18, KKMS16, LJW+15, LW18d, LK19a, ÖK19, SC18a, YLHS17, Zha19c]. **Miwa** [LL18a]. **Mixed** [CLCW17, GM15a, HXW+19b, KKTY17, SP15, SS15c, AÖ16, AH15, AP18a, AZAM15, BBG19, Bas19, BY19, BB16, BM18b, CCJ15, cCpSkZ15, CGW16, CLPY18, CH18b, DN15b, DN16, DA19, DKP16, DFJ16, FPUK15, FYSC18, Gao17a, HA16, HRS17, HL16, HZLY17, JK15, Jeo16, JL15, KR15, KwC15, KWT15, Li16a, LTC16, LFL+15, LZ17f, MZ15, Mis16, MSS15, MS15d, MKN15b, NRS19, OS15, Özb15, PBP19, RNM15, SR15b, SLC18, SZ19b, Sha15d, SWL16, SML18, SCY19, Tan17a, TPCL15, Wan18, WS19b, WSC19, WL19b, WCH15, WW19, XLR17, YBZ18, YCH18, YFW+17, YQ15, YQD17, YLQ17, YCLS19, ZDPZ15, ZZZ16, ZH17, ZZ17a, ZZ18a, ZZ18b, ZF18, ZZ19a, ZjW19, ZCL18, dFGAN18]. **mixed-mode** [DKP16]. **mixed-type** [AZAM15, HA16]. **mixing** [JMK17, SSS15]. **mixture** [FS16, KSV15, NKL15, Zei16]. **mixtures** [Par18a, Zha18d]. **mKP** [ZW15b]. **MLDG** [AD19]. **MLPG** [HSS15, MB17]. **MLRS** [LWWL19]. **MM*** [LHG18, WY17]. **MMS** [PW19a]. **mobile** [hCWW+15, LWY+19]. **mobility** [VEF19]. **Möbius** [DTM19, MB19, Nam19]. **Mocanu** [Dzi15]. **modal** [KSL19]. **Mode** [Wan16a, AADLF15, CTT+19, CHL15, CPCQ17, CL19c, DeC19, DKP16, GZC19, HYL19a, HZK+19, JGX15, JGKL16, KML19, LQZ+18, LZ18c, LGCS19, LPS19, LGK15, LMW18, LZWZ19, Pai15a, RXZW17, WXXY19, XZLL17, ZLLZ16, ZMC19a, ZCCZ19, ZYLY17, ZJYD17, ZMC+19b, ZYWW16]. **mode-dependent** [CHL15, ZLLZ16, ZCCZ19]. **Mode-independent** [Wan16a]. **Model** [FXXC19, IB15, Ino16, KAU15, KSP16, AYAA+15, AKL19, ALDHA+17, AM15a, ALP18, ADY16, AO15b, ARV18, AAE19, AKT19, Alk19, ALZ16, Ant18, ARR16, AELH15, Ask18, AVCCGAVDL15, BM17, BM19a, BW15b, BN18, BG18, BBF+18, BP17a, BKAAM15, BKKN16, BS15b, BF16a, BKL+18, BTWY15, BL15, BR15, BL18, BMRS18, CYLW15, CMW17, CKW17, CJG+18, CCC+17, CMG18, CGC19, CLR16b, CLHC15, CSWJ15, CC18a, CKG+16, CWFL15, CDZ+18, CR18, CX19, CLW18, CL19c, CD16b, CDFP17,

CM16, CM17b, CT15, CT17d, DLCV17, DTJ18, DY17, DHQ19, DKP16, DAQI15, DMA+19, DZ16, DME+15, DCK+18, DF18, DKZ16, DL16, DSSC19, DQW+19, DKDD15, Ery15, FHV15, FLMC15, ELP+18, FQMR19, FG15, FHPV18, FFL16, GI16, GLR+18, GO15b, GJR+15, GM17a, GXH18, GKDHR19, GNR+19, GR19b, GLA+17, GRS+15, GLM16, GL18b, GHM15]. **model** [HGG16, HD17, HW19, HHR17, HW17c, HLJ18, HZCY17, HZ17c, HLC19, HW15, IR16, IWL17, JYVS15, KMP19, KZL19, KÇ18a, KNK15, KB17, KIZ18, KSL19, KTD15, KKS+16, KPP18, KSZ15, KRA+18b, KS19c, KM15d, LGO17, LZX15, LCS15, Li15b, LCQ15, LWPL16, LR16b, LL17b, LJD17, LZT+18, LWL+18, LW18f, LX19b, LLY19, LJYH19, LYZ19, LPZL16, LXT17, LRL18, LDD15, Liu15d, Liu15c, LB15b, LZ15c, LTUZ15, LB16a, LC16b, LSW16, LZY16, LB16b, Liu17b, LXJ+17, LYM18, LHG18, LJHA18, LJS18, LCW19b, LX19d, LGL19c, DPL18a, LPL17, fLLPY16, MNYL18, MZC19, MBM16, MMS17a, MMS18, MTMB17, MMG17, zMnZyZ15, MLG18, MC15c, MCPO15, MT15, NSN+18, Neu16, NEK18, OA18, PBP19, PWFY18, PSJJ19, PZLZ15, PN15a, PTA16, Pel17, PL15c, PL18, Pet15b, PC17, PBB18, PKB18, PRMC19, PCA16, QBNF19, QLF15, QZJY15, QTXY16, QD18, QG19, RP19, RM18a, RZMB17, RLM19]. **model** [RMCG19, RRTR15, RHJ18, STJS16, SLdLD16, San19, SS18b, SZ19a, SHLW16, SZ15, SB16, SK19, SP15, SRP17, SL15b, SZJ19, SLL19, SRAC16, SKHA18, SHEBS19, SZFS17, SKCS15, SCZ+17, Su16, SWA+19, SLL+16, SZT17, SSZL17, SCM19, SH18b, Świ15, ŚKK+18, TES15, TPS15, Tan15d, TS15, Ter15, Tha18a, TLZ17, TXL19, TD19, TSA15, TRRP15, UPMV18, VVD15, VVA+15, Wan17a, WLZW15, Wan15a, WPL15, WLS15, WLZ16, WTXZ16, Wan16b, WC16, WGLZ16, WSLC17, WY17, WWDW17, WLG17, WJHA17, WM18b, WWK19, WCH19, WWZ19, WSXR19, WXLL19, WHM+19, WXM+18, WYD+18, WWC+18, WZZT19, WH15, WYZ+17, WMZ19, XD15, XJZ+15, XWDW17, XSLW17, XZ15, XWZ15, XGZ17, YSLS17, YW19a, YWL19, YL19a, YLL15, YZJ18, YRA15, YX15, YJW16, YJ19, YYZ19, Yua15, YW18c, ZZZ15a, ZZBS16, ZI18, ZXW16, ZZ14, ZZ15c, ZJ15a, ZLJ15, ZS15a, Zha15a, Zha15e]. **model** [ZMMZ15, ZS16c, ZHW16, ZH17, ZZ17a, ZZHT17, ZLC+18, ZLLA19, ZCFW19, ZZ19b, ZYZ15, Zha15g, ZZQ18, ZWZT18, ZBL15, ZXD15, ZZL16b, ZYZ16b, ZHWW15, ZXC19, ZJO+18, dFKMM15, dSR15, dDSI19, dNdOX+15, lZA+19, uRAD19]. **model-free** [LGL19c]. **modeled** [Sch16, WMSP19]. **Modeling** [BAE15, FS16, HK18b, KSKW+19, Kha17, KCKZ15, LLZ+16, LZY16, LWY+19, LLL16b, MMK18, DFG+19, RL15, SZO16, XZG19, APMM18, Elm15, How15a, HXS+16, JOÖ16, JG17, KN19, KCK18, KCL19, Laa18, LZL17, LZZL15, LCW19b, MJSA19, NDZ15, Ort15a, PJ18, PKHD18, Par18a, PZJ17, QFS17, RRR19, RRR20, Rub19, SBV15, SSM+15, SWSS18, SG18, UHLM15, VPS15, XRB17, YUK19, ZT15, Zha16b, ZZM18, ZWL16, Zho17, ZK18]. **Modelling** [CVJ19, GSV18a, RCM15, RSO+18, WXP16, CH18c, JV18, Mou15, RSLL+19, SFC+17, Tor16, VB15, YG15a]. **models** [ADMV19a, ABA18, ASV17, BTH18, BCMT17, BG17, dCCGV15, CJ18, Che15e, CL16d, Cim18, CvRvdM18, CGMT16, CST+15, DQH18, DJL17, DMS+18, EA15a, EO15, ES17b, GCMR18, GZ18, GZD19, HH16, HH18a, HGH19a, HL15a, HYL+19b, JA15, JV18, KWH17, KM17a, Kri19b, LLL16a, LYH19, LWW15a, Luo19, MCY19, MW18, MKMC15, MK15b, ND15, NKL15, OLZ19, QW19, RWY19, SSM+15, uIHA18, SC17, TTD17, TT18, Vad19, Vid18,

WRW16, WL16d, XLR17, YYP18, YZZ18, ZZZ16, ZG18, ZHS18, ZLC+15]. **moderately** [JA17]. **modes** [CHL17, LXPD15, WYL15, WZZL16]. **Modification** [CCC+17, FNS15, AHM16, MH15b, MH16a, MH17b, NL18a, RR18a]. **modifications** [FT16, KKB15, WK16b]. **Modified** [EH14, EH15, Gua19, HV19a, JCW+15, Lac15, LSjL17, RKQ19, SuRI15, SHR18, SR15f, SSB15b, VDV15, YSF16, eMAGG19, ACMT15b, ACMT15a, AKA19, BPR18, CFR18, CST18, Che16c, CC18b, CXL18, Cho19b, DCW15, DS19, DPD18, DCK+18, Dim16, DWTT17, FZL19, GO15a, GO15b, GM15a, GKN15a, GKN16, GVA16, GG19b, HXM18, HWXC17, Kud16, LG17, LBRS18, LLz18, LWWL19, LT18a, MNYL18, Mat15, MH15a, Mis16, NT19, NR15, OTH16, PMC15, PeO18, QFS17, RG15, TSJ16, TXM15, TLHC17, TTK15, VRC15, XCHW16, YZ15a, YP18, ZBKS16, Zam19, ZYLY17, ZCC15, dDSI19, NRY16]. **modify** [SDK15]. **modular** [BLP17]. **modulated** [MNJM19, ZZBS16]. **modulational** [HGH19b]. **Modulus** [XL15, DLBQ19, Van15, WZLP18, ZVL19, dDSI19]. **Modulus-based** [XL15, DLBQ19, WZLP18, ZVL19]. **moisture** [KK15c, WZM15, YX15]. **molecular** [KMA16]. **molten** [KSKW+19]. **Moment** [GG15b, TB17a, FWZ19, Vil16, WZC+18, WLL16, XHW15, XDH19]. **moment-generating** [Vil16]. **moments** [ABQ15, CLW18, DG18a, DG18b, Gav15, HLH17, TZ18d]. **momentum** [CXK19, LM18]. **momentum-preserving** [LM18]. **Monge** [MG15]. **monitoring** [HCS19]. **mono** [HTZY17]. **monoclinic** [GB19]. **Monod** [DDD19, Kha17, SSZL17]. **Monod-Haldane** [DDD19]. **monodomain** [BTWY15]. **monogenic** [AÇ18]. **monolith** [SB16]. **monolithic** [BY19, SBV15]. **monomial** [Dim16, FvdMS15]. **monomial-exponential** [FvdMS15]. **Monotone** [AOH17, JLX15a, LL15c, Arà16, AKA19, Bog16, BCH15, CÖ15, CB17, DCW15, FPUK15, GHL19, LG15, PR15a, SGJS16, SPKC16, TZF15, WAS19, Yue19, ZSY17, ZW15d]. **monotonic** [CE15, CP15b, Che15b]. **Monotonicity** [Cas15, Che16a, AGN15, QDD15, WCD17, ZM17]. **Monte** [BG17, Ace19a, Har15, LGO17, LWZ16, UHLM15]. **Moore** [Kyr17, SS17, She18]. **Morgan** [DD15]. **Morlet** [PSP17]. **MORPH** [CL18]. **Morphing** [SKCS15]. **morphisms** [O'R18b]. **Morrey** [GR17a]. **Morris** [LTUZ15]. **Morrison** [Xu17b, SKP16]. **Morse** [NL18b, ZCX17]. **mortality** [KPP18, Tan15d]. **mortar** [CLR15]. **mortgages** [dCCGV15]. **MOSFET** [BS19a]. **mosquito** [MTMB17, ZGH16]. **mosquitoes** [SWA+19]. **Most** [CWD+19, MZP15, RP18, SG19a, Xu19d]. **most-obtuse-angle** [MZP15]. **Mostar** [Tep19]. **motif** [MB15b]. **Motion** [TSPF18, AwEE15, AAS+17, CLR16b, DWS19, DQW+19, FKV16, HMHA15, LKZ18, RWY19, TB17a, Wan15a, WDLS18, WY19, XL18b, XL19, ZY15a, Zha15a, ZHWW15]. **motions** [GDL16, SK15]. **motivated** [TES15]. **Mould** [FVMO15]. **Mould-taper** [FVMO15]. **mouth** [LWPL16]. **movement** [CFS18, PHRB18]. **Moving** [FLL+19, GAT18b, UKK17, fP15, AwEE15, ABN+17, JCW+15, Laa18, LY15a, LCW15, LLL18d, WR15, WZC+18, WZF+19, ZZ18b, AM16]. **MPI** [SHHC18]. **MRF** [AD15]. **MRI** [AD15]. **much** [FK18b]. **Multi** [BNY15, BK18c, BKZA18, HZ16, LWZ16, NM15, RF18, WD16, YwFW+19, AM15a, ARL15, Ali15, AM18c, BCO15, BLP17, BJM16, CL19a, CGPT15, CLZW19, CPS18, DK15b, Ery15, EE18, FW18a, FFGRSV19, FS16, GMOGCCC15, GKDHR19, GJNC18, GSD16, GZD19, HWY15a, HW17b, HL17, HAH19, HCY+18, HLFZ19, ID19, KD18, KM15d, Lac15, LLY15, LL15b, LZjy18,

LD18a, LY16b, LZWZ19, LS19c, LGL+19b, LHZM19, LL18c, LSL19b, LGHW19, Luo19, MM15b, Ma17b, MGCAPP16, MKG15, Mat15, MFF15, NY18, OW18, PN15a, PABA15, RN18, RWY19, ROGS16, RCRL18, SM17, SSS17, SSCX18, SMG19, SS19a, SZL+18, SY18a, Shi15b, uIHA18, SSPCPG+16, SWZL19, TFLZ19, USCA15, USCAAA15, WHSS15, WM15, WWK19, WS19a, WXXY19, WV18, XH16, XZB+18, jXlZX18, XLW16, Xu17a, YL17, YJMH18, ZLL16, ZLM+18, ZG18, ZLLP18, ZLLA19, ZTW19, ZJ15b, ZYLY17]. **multi** [ZJYD17, ZZC19a, ZXD15, ZSL+18, ZZC+19b, dFKMM15]. **multi-additive-quadratic** [BCO15]. **multi-agent** [CLZW19, FW18a, GSD16, HWY15a, HW17b, HCY+18, LL15b, LZjy18, LS19c, LSL19b, LGHW19, MM15b, Ma17b, MGCAPP16, SM17, SSCX18, SMG19, SY18a, SWZL19, TFLZ19, WS19a, WXXY19, XH16, YJMH18, ZLM+18, ZJ15b, ZYLY17, ZJYD17, ZSL+18]. **multi-channel** [LL18c]. **multi-choice** [PABA15]. **multi-commodity** [GKDHR19]. **multi-component** [FS16]. **multi-CPU** [FFGRSV19]. **multi-criteria** [RCRL18]. **multi-depot** [ZLLP18]. **multi-dimensional** [ID19, LHZM19, MFF15, RN18, SS19a]. **multi-dispersal** [GZD19]. **Multi-distance** [YwFW+19]. **multi-domains** [WHSS15]. **multi-exponentiation** [BLP17]. **multi-fidelity** [XZB+18]. **multi-game** [LGL+19b]. **multi-group** [GZD19, KM15d, Luo19, RWY19, WWK19]. **Multi-Layer** [BKZA18, ZXD15]. **multi-layered** [ZLL16]. **Multi-level** [LWZ16, Lac15, SSS17, WV18]. **multi-machine** [PN15a]. **multi-mode** [LZWZ19]. **multi-objective** [CGPT15, CPS18, GKDHR19, MFF15, ROGS16]. **multi-order** [DK15b, ZZC19a]. **multi-pantograph** [AM15a, EE18]. **multi-patch** [BJM16]. **multi-period** [GKDHR19]. **multi-point** [HL17, KD18, jXlZX18, XLW16]. **Multi-quadric** [WD16]. **multi-relationships** [NY18]. **multi-resolution** [uIHA18]. **Multi-scale** [RF18, HLFZ19]. **multi-scroll** [GMOGCCC15, SSPCPG+16]. **multi-server** [Shi15b]. **multi-soliton** [OW18]. **multi-stability** [ZZC+19b]. **Multi-stage** [HZ16, NM15, ZG18]. **multi-start** [MKG15, ZTW19]. **multi-state** [Ery15]. **multi-step** [AM18c, GJNC18, LD18a, LY16b, USCA15, USCAAA15]. **multi-synchronization** [MGCAPP16]. **multi-temperature** [dFKMM15]. **multi-term** [ARL15, Ali15, HAH19, LLY15, SZL+18, Xu17a, ZLLA19]. **Multi-time-step** [BNY15, BK18c]. **multi-timestep** [CL19a]. **multi-valued** [WM15, YL17]. **multi-vehicle** [GKDHR19]. **multiagent** [DHY+18]. **Multichromatic** [HMSS19]. **multicommodity** [MKG15]. **multicore** [Xu19e]. **Multicriteria** [HJP16]. **multicut** [BB15b]. **multicut-HDMR** [BB15b]. **multidelay** [DZ15]. **multidelay-integro-differential** [DZ15]. **Multidimensional** [ACTV15, KSS19, ACTV17, CCTV15, EMM17, PHM19]. **multiexponential** [LLC+15]. **Multifractal** [FMRRT15]. **multigame** [LJG+19]. **Multigrid** [FGPR18, Bho15, CJK17, DFSC15, HYB17, Liu18b, LL15d]. **multilayer** [CM18]. **multilayered** [GB19]. **Multilevel** [AL18d, KB18]. **multiobjective** [JCX19]. **multipath** [TPL16]. **multiperson** [Pla16, Pla17]. **Multiphase** [TM18, EEG+16, KRF17, Liu18b]. **Multiphysics** [GM17a, ZKV+15]. **Multiple** [CY15a, DY17, GRS+15, LPZL16, SC18b, Sun15a, ZZZ15b, ZCQ15, AAC16, Amm15, ABN+17, BE19, BP17a, BCMT15a, CPCQ17, CN15c, DKKR16, GT15a, fGlHyL+15, GKN15a, GKN16, GSVK17, Haz16, HWY15b, Kim15c, Kue15, LKM17, LSZ15,

LMMZ18, LWWL19, Luo19, MPR+17, MS17a, MN16, PRMC19, RKQ19, RDM19, SB15, SHHC18, TXG15, Uzu17, VLCT18, WLS15, WDZ17, WLG17, WJZF19, WZY+19, WGL15, XZ18, XLL+19, XXZY19, YZ19, YZH+19, YWH15, ZLL15c, ZWBC18, ZG15a, ZPT+15, ZH15b, dNdOX+15]. **Multiple-correction** [CY15a]. **multiple-root** [GKN16]. **multiple-scale** [LMMZ18]. **multiple-zero** [GKN15a, LKM17]. **multiplex** [WGSX19, ZWXW15, ZWL+19]. **multiplication** [Khl18]. **multiplicative** [Dor16, HZL18, LLZD18b, LLX18b, MD15a, MLT17, SHLW16, TM19, TNMR18, WWL18]. **Multiplicity** [CHRD16, Our16, CP15a, CD15b, GW16, Li17f, YL19b]. **multiplied** [RR15]. **multiplier** [WLZ19b]. **multipliers** [NS15a, SK17b]. **Multipoint** [BK18d, LWW15b, CCTV16, RB15, XLR17, YU15]. **multiprocessor** [YSZ19]. **multiquadric** [GW15b, GM17b]. **multiresolution** [AY16b]. **Multiscale** [lDqCWzH18, LC15a, RG18b, YWYS18, HCY15, JMW15, JV18, Liu16a, LCW19b, VVA+15, Yil16, YSF16, ZKV+15]. **multiscale-homotopy** [Liu16a]. **multischeme** [EKO19]. **Multisensor** [KŚK+18]. **multiset** [GPRCTRY19]. **multispecies** [HJ15]. **multisplitting** [HM15c, WY15a, WS16]. **Multistability** [CZSH17, NLC19, TLX19, WRW16]. **multistationarity** [FSW16]. **multistep** [AHP19, LZ18f, Xy16, vLtTBI18]. **multitude** [AY16a]. **multivalent** [Dzi15]. **multivariate** [AL18c, AK15a, BB15b, Oli17, Rah19b, SST15, SS15a, Sko17, TG17, YS16, ZZ14, ZZ15c]. **Multivector** [HS17]. **music** [BMDS17, BDBKV19]. **Mustafa** [PK18a]. **mutualism** [HJ15, LB16b, WW15, WW16c]. **mutualisms** [WWW15]. **mutually** [dSVR17]. **Mycielskian** [LZLG19].

Naghdi [LJD17]. **Nagumo** [BTWY15, Fio15, FLL17, GO15b, HMSS19, IWL17, LH17c, ZSY18]. **Nagumo-type** [LH17c, ZSY18]. **Nagy** [GDF+17]. **nanobioelectronics** [YRA15]. **Nanofluid** [SV17a, ATK+16, GJR+15, MS18a, MRR17, PBP19, SP15, SRP17, SMG+18]. **nanofluids** [AwEE15, PMV16]. **Nanomechanical** [Kia15]. **nanoparticles** [KHN19]. **nanophotonics** [LHLL19]. **nanoplates** [RM19b]. **nanostar** [SIA16]. **nanostructures** [NZZ16]. **nanotube** [ZLL15b]. **nanotube-reinforced** [ZLL15b]. **nanotubes** [AB15b, Kia15]. **narrow** [BG18]. **Nash** [CP15c, MN15]. **Natural** [GGM15, ARR16, GJR+15, Hua15, MGK+16, Mah19, MS18b, MRR17]. **nature** [KHN19]. **Navier** [ABS15, ABGL17, BFR18, BS19b, DKKR16, DC16, Ers16b, FZLZ19, FFG+16, HMT15a, KMB16, MPP17, Qiu18, RC17a, Rub19, SH16, YLL18, Yil16, ZL17a, Zha17c, ZW18, ZZ15d, ZS19b]. **near** [KRF17, LA15, VVA+15]. **nearest** [Zhu15]. **Necessary** [CZ17b, LZY+17, FM17a, FG19, GXLL19]. **nectar** [WWW15]. **negative** [BD17, PL15a, SS15b]. **Nehari** [Kar19]. **Neighbor** [RCW+18, XLG18, YSY+17, FJ19, LWSM16, LHG18, WY17, WX18]. **Neighbor-considered** [RCW+18]. **neighborhood** [Abd15, ES17b, KTD15, MKG15, PTO19, RRTR15]. **neighborhoods** [HL15c]. **neighbors** [LWSX18a, NT19]. **Nekrasov** [LZZT18, OP19, SCN15]. **nematic** [DL16, Qia16a, Qia16b, Sin17]. **Nemes** [Che15a, Che16b, LSM15]. **Nernst** [HP16]. **nested** [CLR15]. **nets** [Val18]. **Network** [CDK17a, LPJ18, TKDF15, ADMV19a, AM19, BK18a, BK18b, CCH15, CDS15, CWD+19, CXW+19, DCS+19, DZY+18, EO15, FJ19, GJX+19, HWBL19, HCX+17b, HZ17c, IR18, JY19, KWH17, KPLC15, LJW+15, LWL+18, LJG+19, LGL+19b, NT19, NY18, PAE+17, PY19a, PSJJ19,

PRA+19, PZJ17, RPJ+18, SBG+17, Świ15, Tan17b, TXG15, Wan17a, WMS17, WCH19, XZLZ17, XZS16, YCD17, YMeFG19, ZZZ15a, ZXW16, ZDPZ15, ZCW+19b, ZCML19]. **Network-based** [LPJ18]. **network-induced** [PY19a]. **networked** [CXZZ18, CL19c, DHY+18, DZY+18, LLC18, LGHW19, MA16, MWL+18, PY19a, PY19b, SM17, SZ15, SMZ+17, TPL16, XCW19, XZHX17]. **Networks** [HWL+19a, ATV16, ATV18, ATV19, AAE19, AY16a, APPE17, AJ15, Ban18, BPC15, BAE15, BMT18, BES19, CGG+18, CCYT19, CD15a, CGC19, CZLS18, CZS15, CWL16, CZSH17, CLPY18, CWLA18, DKL15, EOP17, ES17b, Fan15b, FXC17, FSW16, FYZ16, FYSC18, GCAA18, GW15a, GhDwZS17, GHW19, GWWL17, GZLL17, GWXZ18, HM15a, HS15a, HXW+19a, HXW+19b, HHL+19, HYJ19, JNGB18, JHWZ15, JSW+18, JPZ+19, JZ15b, KBR15, KSM+19, KŚK+18, KTD15, KDTP18, KSP16, LPJ18, LLMW18, LJ15a, LSCK15, LC16a, LCAA17, LWSX18b, LLL+18b, LSZ+18, LWSX18a, LZL+19b, LJYH19, LLZ+19, LXD19, LZX19, LTQF19, LGC19a, LGC19b, LSZ+19a, LZM+18, LDS+18, DDF18, LZ15b, LZG16, LXTF18, LML18b, LSLL19, LMW+19, LWY+19, LL18c, LWZ18, LCLZ19, MRC+18, Mao17, MPS15, NR16, NKS18, NLC19, PAM19, PVV+15, PRC+19, QBC19, QZJY15, QCH19, RZSS15, RSC+17, RVGS17, RN19, RMB15, SAJ18, SAM+16, SM15b]. **networks** [SJ16, SSZ+18, Sha16a, SLZ17, SCC17, SWZ+19, SRCA17, SSPCPG+16, SS15c, SML18, SZRC15, SLWX15, TTZ+19, TLX19, TTD18, TLL+18, Tsy19, TDL+17, TZD+19, WY17, WWDW17, WYCZ17, WHX18, WLX18, WY18, WSH+18, WRX+19, WGSX19, WCHW19, WWSM19, WL19b, WZS19, WHWW19, WCH15, Wu15, XZ18, XLJC18, XZZ+18, XKG15, XTXF18, XXZ+18, XFTX19, XLL+19, XXZY19, YWL15, YZH+19, YYS17, YFLF17, YFW+17, YMeFG19, ZZL+18a, ZPZ+19, ZLZ+18, ZLJ15, ZWHC15, ZLW15, ZHJ+17, ZYXF17, ZHWW17, ZZZY17, ZSZ17, ZYC18, ZZ18a, ZWBC18, ZCCZ19, ZW19a, ZWXW15, ZL19c, ZLK+19, ZDF17, ZwX16, ZWL+19, ZZ16c]. **Neumann** [BMM19, Che19, KNT17, LWS18, RGA19, TTD17, XH19b, Zha16a]. **Neural** [TKDF15, XZS16, YCD17, AADLF15, BPC15, BAE15, CZLS18, CZS15, CZSH17, CLPY18, CWLA18, EOP17, EO15, FYSC18, GHW19, GWWL17, GJX+19, GMPP18, GZLL17, HS15a, HWBL19, HXW+19a, HCX+17b, JNGB18, JHWZ15, JSW+18, KBR15, KSM+19, KŚK+18, KTD15, KSP16, LPJ18, LJ15a, LSCK15, LC16a, LCAA17, LSZ+18, LWL+18, LTQF19, LGC19a, LGC19b, LSZ+19a, LZ15b, LXTF18, LMZ+19, LCLZ19, MRC+18, MPW15, MPS15, NR16, NLC19, PAM19, PAE+17, PRC+19, QBC19, RZSS15, RSC+17, RN19, RMB15, SAJ18, SAM+16, SM15b, SBG+17, SSZ+18, SLZ17, SCC17, SWZ+19, SML18, Świ15, TTZ+19, TLX19, TXG15, Tsy19, TDL+17, TZD+19, WYCZ17, WMS17, WHX18, WSH+18, WCHW19, WCH15, Wil18, XZLZ17, XZ18, XZZ+18, XLL+19, XXZY19, YWL15, YZH+19, YFW+17, ZXW16, ZPZ+19, ZDPZ15, ZHJ+17, ZHWW17, ZZZY17, ZSZ17, ZYC18, ZZ18a, ZWBC18, ZW19b, ZCCZ19, ZwX16, TD18]. **neurodynamic** [SZ19a]. **neurological** [Tor16]. **neuron** [BR15, KDTP18, KS19c, LWZ+19b, LTUZ15, ŚKK+18, UPMV18, Uzu17, WMZ19, ZWBC18]. **neuronal** [RPJ+18]. **neurons** [BK18b, CM17b, MMZ+17, MNJM19, PRA+19, PAJ+19, TKDF15]. **neutral** [AZL16, BEM15, BT15a, BB19b, Can15, CLL+15, CZM18, CCZ15, DZ15, Du15, FP18a, Fan15a, GD15, JYS16, LC15b, LTQF19, LSL19a, LGK15, LWZZ18, MZM15, Mig15, Mig16, Mil16, MDZ17, Nas19, Obr19, QZW19, RZSS15, SKKL17, SJWK18, SXS15,

SH15c, TZ18a, Wan15d, WY16, XKWG15, XHW15, Yu16, ZXW16, ZLW15, ZS15c, ZYJ15, Zho15b, ZXX+19]. **neutral-type** [LSL19a, LGK15, XKWG15, ZXW16]. **neutrons** [SNS+16]. **Neville** [APS16]. **Newell** [MM18a, Xu15c]. **Newton** [ASKK19, AL18c, ACMT15b, AM15g, AK15c, AG16, AM17, AM18c, BF15, Bot15, CGPR15, CGJV16, GKN15a, GKN15b, GKN16, HVR17, HP15c, HGM15a, HM15b, KNBA15, LW15d, LZH16, MR15b, MYH15, NAM18, PC16, SSK15, SSB16, Sil16, TZF15, Tch15, WN16, YNMW16, ZN15, Zha15i]. **Newton-based** [HGM15a]. **Newton-like** [ACMT15b, AM15g, AG16, AM18c, GKN16, WN16]. **Newton-Traub** [SSK15]. **Newton-type** [KNBA15, Zha15i]. **Newtonian** [RRR20, BG18, CCL+15, GCM+18, HG18, ILPE17, Jai18, JV18, KPG16, LX16a, Pon18, RRR19, SSN15]. **next** [CGPT15, YG15a]. **niche** [HCH16]. **Nicholson** [Tan15d]. **Nicolson** [ZJJ18, BTWY15, LCL17b, QFS17, SLC18]. **Nicolson/Adams** [ZJJ18]. **NID** [QBNF19]. **nilpotent** [SZ16, YY17]. **Nine** [YY17]. **Niño** [MP19a]. **Nizhnik** [ZH15a]. **no** [CD15d, MNYL18]. **no-go** [CD15d]. **no-slip** [BTH18]. **nodal** [HLJ18, tHBSfY19, KG16, PS15b, WLX18]. **node** [CR18, Erb16, JLL16, KC19, LZjy18, LL19b, Ton18]. **node-adaptive** [KC19]. **node-based** [LZjy18, LL19b, Ton18]. **node-centered** [CR18]. **nodes** [JY19, WY18, Zha17b]. **Noise** [LAVME18, AK19b, AAH19, BPZB18, CWD+19, DHW+19, ES15, FLL17, GSZ15, GST15b, HMD19, HC18, KMP19, LW15b, LY17, LC15d, LO19, LT18a, MD15a, Maj18, MLT17, SHLW16, SRH15, TM19, WL19c, WLL16, XPG15, ZHY16, ZWY+15a, ZJO+18]. **noises** [DZ17a, LLZD18b, MX17, SMG19, WDLL15, YZ18b]. **noisy** [LD19b, LJL16]. **Non** [AY16b, AJP18, DHX+19, Ers16b, EdLC18, Gar16a, GLQ+18, HHR17, KAI19, LSCK15, LC18, LGC19a, LW19b, LTZ+17, MC17, MRR17, TQ18, XYZK15, ZPM16, ZXX+19, AwEE15, ALL18a, AOH17, AHO18, ANGC17, ACRZ18, BG18, BMM19, BAK19, BNY15, BB15d, BKL+18, BCFR18, CY16b, CTT+19, CÖ15, CYSY16, CLZW19, CGAL19, CD15d, Cho19a, CLR15, CXW+19, DS15, DS16a, DBV18, DL16, DZ17a, tFyZ15, eFJY17, FM17a, FNS15, GRV15, Gao17a, GSP15, GG18, GWPA18, GCM+18, GG19a, HGG16, HJMB18, HH16, HHP18, HJ15, HVR16, HVR17, HSKHA15, HS15a, HSS15, HC18, Jai18, JS15, JV18, KG19, Kor18, KRA+18b, Kur19, LZS15, LB15a, LG15, LR16b, LW18f, LR19c, LC15c, Liu15d, LJK15, LLL18c, LB19, LR15, MRC+18, MKRS16, MH17a, MK16, MH19b, NC16, NS15b, NKP16, PMV16, PBP19, PCW15, PW19b, Pon18]. **non** [QTTL19, RRR19, RRR20, RSC+17, RNM15, RSKB15, RAV15, RDG18, RRV15, SMI18, SR15e, SSN15, SMR15, SuSR15, SuSR16, SCM19, TTZ+19, TST16, TZF15, TLLD19, Ter15, VZ18, VD16, VG18, WDLL15, WYLG19, WL19a, WL16d, Wu15, WLL16, WYZ+17, WLL+19, XLJC18, XPG15, XGG18, YWO18, YZ18b, YLL18, YSL19, ZSS15, ZSK+19, ZWHC15, ZSS16, ZSY17, ZW19b, ZjW19, Zha15g, ZZ16b, ZZW17, ZZL18b, ZZ17b, ZTW16, dFGAN18, dSH17, Khl18]. **non-** [BKL+18]. **Non-Adjacent** [Khl18]. **non-analytical** [Kor18]. **non-autonomous** [DS16a, GRV15, HGG16, HJ15, HS15a, LC15c, Liu15d, LR15, WL19a, YLL18, ZSS15, Zha15g, ZZ16b, ZTW16]. **non-availability** [HSKHA15]. **non-classical** [VG18]. **non-conforming** [ZSY17]. **Non-consistent** [AY16b]. **non-constant** [CD15d]. **non-convex** [Cho19a, PCW15]. **non-delay** [BB15d]. **non-delayed** [Wu15]. **non-destructive** [CLR15]. **non-differentiable** [HVR16, HVR17]. **non-diffusively**

[ZWHC15]. **non-equilibrium** [HH16, HHP18, SMR15, SCM19]. **non-Fick** [HSS15]. **non-Fickian** [LR16b]. **Non-fragile** [DHX+19, LSCK15, LGC19a, LTZ+17, ZPM16, ZXX+19, KRA+18b, MRC+18, RSC+17, TTZ+19, ZSS16]. **non-Gaussian** [DZ17a, HC18, WDLL15, WLL16, YZ18b]. **non-globally** [KG19, YSL19]. **non-gravitational** [LJK15]. **non-Hamiltonian** [VZ18]. **non-Hermitian** [CY16b, tFyZ15]. **non-homogeneous** [BMM19, BAK19, PBP19, WL16d]. **Non-hydrostatic** [EdLC18]. **non-ideal** [GG18, RDG18]. **non-identical** [CLZW19, XLJC18]. **non-infinitely** [CTT+19]. **non-instantaneous** [AOH17, AHO18, YWO18]. **non-integer** [NC16]. **non-interpolatory** [ACRZ18]. **non-isothermal** [DL16]. **non-isotropic** [ZjW19]. **Non-iterative** [MC17, RAV15]. **Non-jumping** [GLQ+18]. **Non-linear** [AJP18, AwEE15, ANGC17, CYSY16, CXW+19, DBV18, GSP15, MK16, MH19b, PMV16, RNM15, SR15e, VD16, ZZL18b, dSH17]. **non-linearity** [Kur19]. **non-Lipschitz** [ALL18a, XPG15]. **non-local** [RRV15, SMI18, WYZ+17]. **non-matching** [BNY15]. **non-minimum** [FNS15]. **non-monotone** [CÖ15, LG15, TZF15]. **non-necessary** [FM17a]. **non-nested** [CLR15]. **non-Newtonian** [RRR20, BG18, GCM+18, Jai18, JV18, Pon18, RRR19, SSN15]. **non-oscillation** [Gao17a]. **non-oscillatory** [HJMB18, WYLG19]. **non-overlapping** [Ter15]. **Non-permutation** [XYZK15]. **non-polyhedral** [LB19]. **Non-polynomial** [KAI19, LW19b, LW18f]. **non-quadratic** [CGAL19]. **non-rational** [LZS15]. **non-renewable** [WLL+19]. **non-repairable** [NS15b]. **non-resonance** [JS15]. **non-self-centrality** [TLLD19, XGG18]. **non-self-intersecting** [ZZW17]. **Non-similarity** [MRR17]. **Non-smooth** [Gar16a, LLL18c, PW19b, QTTL19]. **non-standard** [RSKB15]. **Non-stationary** [Ers16b, SuSR15, SuSR16, TST16, ZSK+19, ZZ17b]. **non-strict** [ZW19b]. **non-symmetrical** [BG18]. **non-tensor** [LB15a, MH19b]. **non-tensor-product** [NKP16]. **Non-uniform** [LC18, BCFR18, DS15, eFJY17, GG19a, LR19c]. **non-uniformity** [GWPA18]. **Non-vanishing** [TQ18, MH17a]. **non-zero** [MKRS16]. **Non-zero-sum** [HHR17]. **nonautonomous** [BR17, CXMP16, EO15, Kan16, TLGX15, WHX18, Zha15e]. **noncanonical** [DJ18, GJZ19]. **noncentral** [GST19]. **noncompactness** [HSAR19, KE16, KAH15, RAH19a]. **Nonconforming** [SZL+18, ABGS15, AGZ15, AAGZ19, SWL16, SW17a, SLL19, SY19, SSJ15, SCY19, XS19b, ZCZM15]. **nonconvex** [GW15c, JLL15b, LPW15]. **Nondegeneracy** [CKG+16]. **nondestructive** [WZM15]. **Nonexistence** [DFP15]. **nonexpansive** [JK15, Nak15, SPKC16, TTP16]. **nonfragile** [XCY18]. **nonhomogeneous** [DL15a, Kim19, LVV18, Oni18, SC18b, ZLL15c]. **noninstantaneous** [LWSO19, SZ19b]. **nonintegrable** [MZ17]. **Noninvasive** [JV18]. **nonisothermal** [SHA15a]. **Nonlinear** [ANP16, AM18d, AAHT18, CFR18, CD15d, De 18, GHZ19, KF19, LRF+18, LZLW17, MWY17, NM19, NND+18, PS18b, RS15d, SV17b, WL16a, WV18, YSWZ17, YRA15, ABC+16, AED15, AS19a, Ach19, AR16a, AÖ16, AJ17, ASHSC17, AJC+18, ALP18, ACE19b, AIG17, AP19, ABA18, ACRZ18, ACDT18, AL18d, Arà16, AKKB17, ACTV15, ACTV17, AM15h, AAA15b, AD19, Ata16, AKA19, Bag19, BCST19, BW15b, BLK19, BMM19, BBCI18, BAM16, BCMT17, BK18c, BB15c, BdS19, Bog16,

BGST16, Bou18, BS15c, BK18d, BHRW16, CLY17, CKW17, CCY19a, Can15, CP15a, CP19, CGW19, CZP15, CXP16, CKG19, CJ15, CLJ+15, CKW15, CD15b, CL15b, CXMP16, Che16c, CL16c, CXZZ18, CG19, CY15b, CDL19, CN15c, CN19b, CLP+18, CLMT15, CGMT16, CVMGPPGC15, CZ15c, DCW15, Dai16, DA17, DWZ15, DLjZ18, DL18b, DFJ16, DOZ18, DO15]. **nonlinear** [DC16, ER15, Ely15, EGB15, ES17a, Esl16, EA15b, FW18a, FMDZ19, FNS15, GWW15, GS15a, GSZ15, GWSC16, GHL19, GLM19, GMOP18, GK15, GS17b, GFG15, GS15b, GR19a, Gra15, GVA16, GR17b, GHM15, HQ15, HAC18, HJMB18, HM19a, HPN15, HARS15, HA19, HSAR19, HMF15, HWY15a, HJKP18, HH15, HAY19, How16, HZ17b, HZK+19, Hua15, HM15b, HGH19b, HHY19, HMT15b, IJ15, IB15, ID19, IS17, JSM16, JZ19a, JLX15a, JPTL15, JGX15, JZ19b, JAN16, KAU15, KE16, KOR19, KNBA15, KLKU18, KJ15b, KFHH15, KG18, KSV15, KMP15, LPKS16, LZL17, LW15a, LY15d, LLZ15, LSAR15, LC15b, LWS15, LG15, LG16, Li16b, LR16b, LH17c, LLC18, LZCW18, LZjy18, LZ18a, LZ18b, LJL18, LY18a, LR19b, LW19c, LSZF18, LRL18, Lin19, Liu15a, LS16, LZY16, Liu16a, LZH16, LLL18c, LWS18, Liu18b, LJHA18, LL19d, LX19d, LLX+19, LGHW19, LM15, MZ15, MZ17, Maa15]. **nonlinear** [MDHD18, MAR15, MM16, MYHS18, MAG15, MS19c, Mis15, Mus18, Nag17, NE16, NBK16, NB19a, NRT16, NL18a, NCS16, NA19, ND15, NHWZ15, NWNA15, NWN15, OLZ19, PHM19, PMC16, PKB15, PR15a, PZ16a, PFH+15, PTBN19, Pol19, PKB18, PK18b, QZ15b, QW19, Qiu18, RAH19a, RWW15, RR18b, RWW18, RXQ19, RMA15, RL15, RHJ18, RB15, RG19, RGA19, RM19a, RMK19, S.15, SS18a, SWUE19, SAJ18, SuR15, Sae17, SH15a, SR15a, SR15c, SJD+18, SKKL17, SJWK18, SM19, SJ19b, SN15a, SN15b, SSK15, SB15, SSB16, Sha16b, SA16c, SM15d, SzSC19, SLW15, SLW16a, SW17b, SW17a, SY19, SPG17, SK17a, SPST17, SRCA17, SRS17, SWSW19, SJL16, Su16, SH15c, Sun15a, SWZL19, TVK+16, TSJ16, TZ18a, TLX19, Tan15d, TCS15, TPCL15, TBG16, TY16, TTK15, TSPF18, USCA15, USCAAA15, VDV15, VDI17, WYL15, WZAF15, WCZ15]. **nonlinear** [WLJ15, WZZL16, WLZ16, WZ16a, WSZ16, WMZ16, WSLC17, Wan17c, WLH+18, WXX18, WXWX18, WDLZ19, WCB19, WNN16, WN16, WAS19, WG15b, WZK15, XZLZ17, XD19, XL15, XY15a, XY17, XY18, XCDZ19, XXW+19, XLW16, XZHX17, Xu19a, YW15, YLHS17, YWO18, YLCW18, YWZS18, YX19a, YG18, YLP19, YmZHC15, YDLK15, YLW19, YMMH15, YX15, hY18, Yüz16a, ZAP19, ZNV19, ZA16, ZZL17, ZMC19a, ZGGY19, ZAW15, ZMMZ15, Zha15b, ZZC16, ZWK16, ZZL16a, ZSS16, ZZY+17, ZYY17, ZLM+18, ZXS+18, ZMZ18, ZYLY19, ZJ15b, ZFZK15, ZCQ15, ZLX19, ZWO+19, ZYX19, ZVL19, Zho15d, ZW15d, ZH16, ZSL+18, ZZ19c, dCSS17]. **nonlinearities** [AH15, LMW18, MC15a, MR15a, MPS15, NC16, Özb15, SMZ+17, WDLZ19, WWHZ18, ZG15a, ZWO+19]. **nonlinearity** [BB16, KG19, LLLZ16, MPP17, NRT16, OPP18, Pai15a, Ste19, WW16b, WTSQ15, Won15, XGQW19, XZLL17]. **nonlinearly** [FYZ16, How15a]. **Nonlocal** [FCM17, LVC15, TTD17, TLZ17, WIF15, WZ15a, AN15, AL18b, AB18, AS15, CS17, CR19a, CY18, CD16b, Cui15, DLjZ18, GZK16, HLIK19, HZ17b, LWT+15, Li17b, LY15e, Mah18b, MVS19, PS18b, WZM15, WM18b, XYDL16, XZ15, YU15, ZZLY15, ZHW16, ZHS18, ZWZT18, ZMT15, ZY15d, ZLL18]. **nonlocality** [Dim16]. **nonmonotone** [BK18d, HMF15, LP15c]. **nonmonotonic** [TLX19]. **Nonnegative** [SY18c, DR19, HGM15a, Lin15, SCR+15, YKZ15, YZ15c]. **nonnegatively** [FLMR18]. **nonnegativity**

[FWLC15, FCW+17, LH17c]. **nonnesting** [Yan18a]. **nonobtuse** [BCK15, Cih15]. **Nonoscillation** [Sug17, SI19]. **nonperiodic** [ZY15b]. **nonpersistent** [PD15]. **nonsingular** [CY16b, MR15b, WZC+18, ZLL15a]. **nonsmooth** [BPZB18, GGM18, LL19d, LWW15c, MG19, Tua15, ZJJ18, ZX19]. **Nonstandard** [ZI18, GGHL15, GCMR18, GK17, ZEF19]. **nonstationary** [BPR18, KMP15]. **nonsymmetric** [FZL19, HWXC17, YZ19, ZZG17]. **Nontrivial** [ZCX17, MLS19]. **nonuniform** [CJK17, LR19b, NND+18, SWZ+19, TZH15]. **nonuniqueness** [DGLE17]. **nonvanishing** [BCSG18]. **nonzero** [DHQ19]. **Nordhaus** [MCS+19, YCYL18]. **Nörlund** [Bor15a]. **norm** [CS15b, CKDC16, GK17, HM18b, Li16a, OP19, RzS15, TY16, WXY15, YSD+17, ZL16a, ZZHT17, Zhu16]. **Normal** [JS15, Zha18e, BBGR15, MRS18, WYL15]. **normality** [HKM18]. **Normalized** [Han15a, SR15d, BZ17, HLL16, HL18, LH17b, LGS+18, MB19, MB15b, SD19b, XZC16a, XZC16b]. **normed** [Haz16]. **norms** [CC18a, IÖ19, JZ15a]. **Northern** [NFS+15]. **nosocomial** [WLG17]. **nosocomial-pathogens-infections** [WLG17]. **Note** [AC19, AA16, Ano19w, CWZ17, EL19b, EL19c, GR17a, GDL19, LLS15, ND15, Par15, Shi15a, YZZ16, ADA18, ABI19, AP18b, CWL19, CT18, DGLE17, DKM15, Dor16, FA15, HMGC18, Jan15, JZ15a, JYS16, KKD15, LLWX19, Li17a, LLL17b, Lu15, MMDG16, Net15, Qia16a, RDLG16, Sha16b, Tan18, Van15, VV18, WL18a, Yua19, ZS15d, Zha15d, EL19a]. **notes** [SC18a]. **notice** [AZ19, EH15, FMB+19, Rho19]. **Novel** [CS16c, KSL19, KKL18, LQW+15, PKHD18, SLZ+16, XCCL18, ZCX19, AKS15, APMM18, BCST19, BBFJ17, CLHC15, CD15b, CDL19, DQW+19, EAAM+15, HST17, HLC19, IS16, Kim15b, KJ15b, KTD15, LLMS16, LCS15, LL19b, LRL18, LWWW15, LJHW19, MLG18, OLZ19, PS19, SZ19a, SSK15, SA16d, SLL+16, TVK+16, WQK15, WYD+18, XZZ+18, ZCW+19b]. **Novelty** [FIG+19]. **Novikov** [Tal15, ZH15a]. **nowhere** [ACP19]. **nowhere-zero** [ACP19]. **nozzle** [CT15, CT17d, HH16, SFC+17, VG18]. **NPDEs** [Rui18]. **NSDDEs** [TY18]. **nuclear** [ACKS16]. **nucleation** [BG17]. **null** [AK15d]. **Number** [ATX19, XYZ18, AL19, ACP19, AM18c, BGS19, BF16b, CYY19, CRC19, CWD16, CWZ17, CZ17a, CMSZ18, Che18a, CZ17c, Du17b, DKDD15, FHLL19, GZ18, GDL19, GXCY19, KCSD+18, LLST19, LG18, LWSM16, LZH19, MV15, Pel17, PBMP15, PZ19, QX17, Rad17, STA+18, STD15, TLLD19, TZC19, WF15a, WYW16, WTD+19, WC15a, WWL18, XLG18, YG15a, YSY+17, Yor15, YZYgG18, ZL16b]. **numbering** [Ano19w]. **numbers** [BMRW19, DLQ17, Ele15, GA18, GLQ+18, HLL18, IMTJ19, Jin17, KKD15, Lam15, LWG16, LLL19c, ML17, MNJW19, Qi15, QZD16, Rez15, SAES19, Sta17, WTZL18, WWH17, ZL18]. **numerator** [Han15c]. **Numeric** [AZAM15]. **Numeric-analytic** [AZAM15]. **Numerical** [AZL15, ASASM16, AG15a, AK19a, Ali15, AST18, AK19b, Awa15, Bab16, BM15a, Bea15, Bea19, Bog16, BKS18, BPR18, CH18a, CKW15, CZLM18, CC18b, Che19, CVA18, CDFP17, DK15b, DO17, DKKR16, DGRR16, DMSS18, ERFE16, FLL17, FFH+18, FFL16, FFH+15, Gao17a, GCH+19, GJR+15, GGM18, GFG15, GJP18, GSV18b, HH16, HHP18, HGH19a, IH15, IS17, JLY18, KLZ19, KRF17, KDH19, KCK18, KFHH15, LWZ19a, LZL19a, LHHS16, LBB18, LCW19b, LZ19g, MM04, MRE18, MPW15, MYHS18, MH15b, MH16a, MS19c, MR16a, MD17, MT15, Nag17, NE16, NL18a, NDZ15, NS17a,

OPP18, OA15, PS18a, PG15a, PS18b, Pöt19, PKS15, RM18a, RME18, Sab18, Sak19, SDS18, SSS17, SR15e, SKS17, SR16b, SSA18, SPST17, SMG+18, SWSS18, SD19c, SH15d, Tan15c, Tho17, WLJ15, WDLL15, Wan15d]. **Numerical** [WDLS18, WXW18, WXWX18, WLZ15, WXM+18, XW19, Xu17a, Xu19b, YTH19, YWRP16, YJW16, Yüz15, Yüz16b, ZS16b, ZW18, ZZG18, ZYZ15, ZSXW18, ZHS18, ZXL15, ZH16, ZW15e, ABMBR15, ADSS16, ABGL17, ADG16, AP15, ASV17, AD17, AAMC19, BAV18, BMM19, Bas19, BTP17, BCM17, BMT18, BAR18, Bho15, BC15, BS19a, BKL+18, BCI15, BS15c, Cal18, CLX17, Cha19, CJ18, CD15b, CS18, Cho19a, CLP+18, DN15a, DA17, DA19, DCS15, DME+15, DMS+18, DZ15, Dol15, DNC+17, lDqCWzH18, DWT17, DQW+19, EFPT18, EEG+16, Fan17, FY18, FKR15, FP18b, FM18, GS15a, GHN+16, GCMR18, GN15, GR15a, GN19b, GLA+17, GIS18, GAT18b, GLS19, GG15c, HW17a, HZ17a, HYW+15, ID19, JOÖ16, cJzS15, JSLW17, Kem18, KXZ19, Kor18, KR16, Kue15, KAS16, Laa18, LP15a, LRF+18, LW18f, LYDH18, LZ15b, Liu17a, LDH18]. **numerical** [LZ19f, LD19b, LXZ19b, LJ19, MWLL17, MZ17, MN17, MC17, MVRV19, MLG18, MWY15, Mic15a, MDH15, MK16, MA15c, NCEGA15, NKNA16, Obr19, Oli17, OL19, PBP19, PMC15, Par15, PYZS18, Pis18, RR18a, RG15, RAV15, RMK19, SWUE19, SR15a, SR15c, SN15b, SKBR18, SG18, SM18, TMPG17, TTD17, TTP16, Tha18a, UKE15, USCA15, USCAAA15, VG18, WHSS15, WX19a, WWZ19, WN16, YMS16, Yan18b, YYM19, YU15, YZMM15, YLL+16, YCLS19, ZPRZ18, ZP16, ZBBW17, ZSL15, Zha16b, ZLC+18, ZLD18, Zha18b, ZLLA19, ZZ19b, ZCU15, Zho15b, uRIS17, TT16]. **numerically** [AD19, MD18a, MAJR19, ZHX+17]. **numerics** [KSA19]. **Numerov** [GZZL17]. **NURBS** [MPR+17, RSAF16, ZZW17]. **nutrient** [JA15]. **nutrient-phytoplankton-zooplankton** [JA15]. **NVIDIA** [GWK15]. **Nyman** [MR19]. **Nyström** [ABI19, DL17b, FK17, FT16, FT17, OR18a, Oka18b, RF18, TZ18c, TSZ19, TZ19a]. **Nyström-solver** [FK17].

O [ATK+16]. **object** [DRS18, KGS+15]. **objective** [CGPT15, CPS18, GKDHR19, Lac15, Mat15, MFF15, ROGS16]. **objectives** [Haf17]. **objects** [CGK+17, DCA15]. **oblique** [GCH+19, WHM+19]. **observability** [CGCK19]. **observable** [CTT+19]. **observation** [LSZ+19a]. **observational** [SSB15b]. **observations** [AAHT18, Luo19, SRK18]. **observed** [GOH18, WZ18b]. **Observer** [CL19c, JZ19b, KML19, WHTW17, CVMGPPGC15, DZC15, Du17a, DCJ19, LZ18c, LGCS19, LPS19, LZM+18, LGK15, MAR15, MTB18, NT16, NPT19, QG16, XGQW19, YLCW18, YLP19, ZCW19a, ZPM16]. **Observer-based** [CL19c, JZ19b, KML19, WHTW17, MAR15, NPT19, ZPM16]. **observers** [CTT+19]. **obstacle** [BM18b, LW15a, WEH18, XS19b]. **obtained** [CM17b, NC16, YG15a]. **obtaining** [VDV15]. **obtuse** [MZP15]. **occlusions** [LVAB+16]. **occupied** [HW15]. **occurrence** [HZK+19]. **occurring** [CCL+16, HXW+19a, LMW18, MC15a, TA16, ZML+17]. **octagonal** [LW18e]. **Odd** [RC16, WZ18a, LLL19c, SH15c]. **ODE** [HPR18, SC17]. **ODEs** [ASM16, AADMM16, BHRW16, EHdLS16, RRM16, RS17a, USCA15, USCAAA15, WW16a]. **oFEM** [DRS18]. **off** [SH15b]. **offers** [SCB15]. **offset** [BKAAM15]. **Ohm** [OTH16]. **oil** [GLYT16]. **Oldroyd** [LS19b, ZZQ18]. **olecranon** [GLA+17]. **OLEDs** [FFG+16]. **oligopoly** [AE17b, BN18]. **Olver** [S.15]. **OMP** [YLX18]. **On-Surface** [AAC16]. **One**

[Ask18, GR15a, ZZ19c, eMAGG19, AAKT15, AADF18, BB19a, BCSG18, BKKN16, BST18, Cat17, CL16b, CS18, CP15d, EKO19, FvdMS15, GfSmL16, HJKP18, HM15b, KIAG16, KL16, KNT17, Kra18a, LGO17, LH17a, LB16a, Mon19, NT16, NPT19, PVL19, QZ15b, RBB19, RSKB15, RP18, RS15d, SWA+19, TMS15, TZ18a, TY18, Wan17c, YLNL15, YNMW16, uDuI18, ZJ15a, ZT16b, Zha15g, ZY18b, ZEW19, Zhu18]. **one-dimensional** [eMAGG19, BB19a, BKKN16, GfSmL16, KL16, KNT17, Kra18a, YNMW16, uDuI18]. **One-leg** [ZZ19c, QZ15b, TZ18a, Wan17c]. **one-locus** [SWA+19]. **one-phase** [BST18]. **one-prey** [LB16a]. **one-sided** [NT16, NPT19, TY18]. **one-step** [EKO19, HM15b, RSKB15]. **one-way** [PVL19]. **onion** [SLWX15]. **onion-like** [SLWX15]. **Online** [MTY16, GZ15a, MNYL18]. **only** [AG15c, JYSR18, XWDW17]. **onset** [Kim15a, MS18a, SH18b]. **onto** [BBGR15]. **Open** [GKS16, BTP17, CS18, Far16, MK15a]. **OpenMP** [Xu19e]. **operating** [DKDD15, KSKW+19, PN15a]. **operation** [UMF19]. **Operational** [SPS16, AKAA15, AE17a, DK15b, HS18, KS16a, KOR19, Nad15, NE16, PS19, SAC18, SR15c, SPST17]. **operations** [DSAB16, GFWH17, GDZ18, LAAZH19, SDAB17, SY15b]. **operator** [AIP15, AOS19, AG16, AS19b, GG15a, GWY15, GS11, Hus19, jJ15c, Kaj18, KKT19, Kra18a, Li16a, LR16a, LZ18b, LVV18, MDH15, Pan18, PSPÁV15, RAH19a, Rem18, SMM18, SGG15a, SGG15b, ZS15d, Zha17b]. **operator-valued** [GG15a]. **operatorial** [AK15b]. **Operators** [Aca15, MAK16, Acu15, Agr15, AIK15, AFK15, AT15b, AK15a, AY16b, bBjJ16, BM15b, BTIIE16, BA17, Bir15, CZ16, CLL16, Cat17, CCH15, CCGV19, CKSV19, CS15b, DPL+18b, DFSC15, DDM16, DD16b, DPD18, DJ18, Fau17, GA15, GO15a, GLL15a, GM15b, GR15c, GG15b, GAS17, HO15, HVR16, HVR17, tHBSfY19, IAK15, jJ15b, JKK15, KA15a, KIAG16, KS18, KTA15, KAG15, KM18a, KT16, KMT16, Liu15g, LO15, Mal15, MG17, MS16b, MMS17b, MDG18, MCI16, MAK15a, MAK15b, MAK15c, MNK19, OTE15, PS15b, Ras15, RV16, Sha15d, SGJS16, SIA15, SV15b, TB17a, TA16, UDA15, WIF15, YY15, ZZ15b, ZX15, Zhu16]. **opinion** [WRW16, ZLC+15]. **opponent** [FK18b]. **opportunities** [FLS+15]. **optical** [Fio16, HGH19b]. **Optimal** [AHS18, ARR16, Arm19, BP17a, BAGN+19, DQH18, DL17d, EFL18, EG17, GMOP18, GZ18, HMS15, HW17c, KMP19, LXPD15, LW18a, LB16b, Ma18, MHZ18, PP15a, Prz15, QD18, RLSGFMMF16, RLM19, RRS+18, SA16a, SCR+15, SS18b, SHA15b, SHN16, SBLZ17, THM19, WSXR19, WRZ19, Yua15, Zha17b, ZSZW16, ZCCL18, AHP19, ASS16, AA16, AM15f, BCMT15b, BCMT15a, BAM16, BMT19, CH18b, CN15b, CN16b, CLT+15, CXW+19, DS16a, DL15b, GN19a, GTBC18, GR19b, HA19, HHGC16, HL16, HZLY17, HGM15b, HW15, IKMW15, KKB15, KG15, KH17, LVAB+16, LZL19a, LKM17, LZZ15, LWPL16, LZ19d, LPZL16, LTC16, LS15b, LXZL19, LZ17f, MLS19, NCS16, OA18, PRL+15, RZR16, SA16c, SA16d, SY17b, SDP16, Tan15b, TMM18, TTXZ16, UMF19, WY15a, WNF19, Yil16, ZZ15a, ZZS+19, ZZX19]. **optimality** [CKG+16, Tua15, WTUZ15]. **optimisation** [SA18a, SFC+17, ZSA+15]. **optimisation-based** [ZSA+15]. **Optimising** [RMM19]. **Optimization** [BLA15, EH15, Luk15, Mah17, MSdC+18, MMB15, SZRC15, AADLF15, ARS15, BS15a, CY16a, CK17, Chi15, CS16c, DP15a, DH19b, DCA15, DPSS16, DKL15, DGL+15, EH14, FA15, FSW16, FIG+19, GI16, GYY15,

GWC+16, GdS18, Gar16b, GGM18, GLYT16, GIS18, HLJ18, JPTL15, JCX19, JG17, KKKD18, KSN15, KLZT15, KM18b, LYC15, LY18a, LABK15, LB19, LWWL19, LPW15, MJSA19, MND+15, MMG15, DFG+19, Naa15, NM15, NS15a, NRAEC19, ÖÖAD15, bOqGyK+15, PAE+17, PZ16a, PHSB18, Pet15b, QFTT15, SH15b, SM17, SJ19a, SBG+17, SRH15, SSS15, SZT17, TIT15, TTV15, Tua15, VVD15, WYW16, WSdSY15, WCZ15, Wan16a, WLWA18, WHX15, WTUZ15, YZMM15, YJYH15, ZBKS16, ZN15, ZZMS19, ZWL16, ZBME16, dSRTZ18]. **optimize** [ZKV+15]. **optimized** [HWBL19, NFS+15, SGKR19]. **optimizer** [MHZC15]. **Optimizing** [KC18c, PP19, Bog18]. **optimum** [GWX17, KLW15]. **Option** [CL16d, CLL+15, CW17, CDL15, LW15a, ZLS16, ZLC+18]. **options** [AM15d, ASV17, CXL15, GM17b, GBS15, HS15c, JO15, LD17, LLZD18a, LGO17, MZC19, MBHS18, RPB15, ZBL15]. **oral** [BDBKV19]. **orbit** [Dan15a, JBS15, SJ19b]. **orbits** [BR15, NJM+18, SNL19]. **order** [AKAA15, ABC+16, AKS15, Ach19, AM18a, AZL15, ABLZ15, ABL15, AÖ16, AZL16, ASHSC17, AZ18, AH15, AMO18, ASASM16, AADLF15, AAKT15, Ali15, AK18a, AT15b, AM18b, APL15, ABA18, Alz15, ACDT18, AM15f, AKKB17, AS15, AE17a, AJP18, AAH19, ASM16, BCST19, BEM15, BLK19, BMO15, BD15, BBF+18, BMM19, BCMT15b, BCMT15a, BAM16, BCMT17, BDGS15, BÁR15, BGST16, BS19b, BdlRT18, BMGMC17, BHRW16, CFG15, CLY17, CS16a, Can15, CP19, CZLS18, CDJ19, CCX15, CWHY15, CC15, Che16c, CGWW17, CZLM18, CC18b, CC18c, CDL15, CN15b, CN15c, CN15d, CN16a, CN16b, CN19b, CLT+15, CJ16, CLT18, CEHVT15, CLMT15, CNQRR18, CS16c, CVMGPPGC15, CZ15c, DK15b, DG15a, DQH18, DD16a, DGZ16, DOR18, DWZ15, DJL17, DG18b, DL18b, DÇO15, DMA+19, DK16, DS16b, DNC+17, DQ18, DB17, DJ18]. **order** [EAAM+15, EKO19, FT17, FMDZ19, FFT15, FBF18, FR16, FM18, Fuk15d, Fuk15b, FK18b, GCAA18, GO15a, GDM16, GFE19, GY15, Gao18, GZK16, GKN15a, GKN15b, GKM16, GKN16, GFG15, GR15a, GPHAPRW16, GR19b, GL15a, GJZ19, GfSmL16, HQ15, HJMB18, HEA15a, HEA15b, Han18, HW19, HMD19, HGH19a, HA19, HWY15a, HK18a, HASC19, HPR16, HS18, HAY19, HAH19, HGH19b, IAW18, IH15, cJzS15, JZ15a, JYS16, JSLW17, JISI18, KAU15, KSM+19, KS16a, KNK15, KAI19, KNBA15, KD18, KBM16, KSL19, Koc15, KCKZ15, Kud16, KS19c, KS19b, KPLC15, LKM17, LW15b, LL15a, LSfW15, LJW+15, LZS15, LL15c, LL15e, LY15b, LWK15, LZ16, LW16, LZ17b, LJD17, LLC18, LZjy18, LZ18a, LW18f, LD18a, LK19a, LGC19a, LGC19b, LHLL19, Liu15e, Liu16b, LZH16, LCL17b, LW18h, LMMZ18, LNWS18, LS19c, LD19b, LXZ19b, LSL19b, LMMR15, LJC16, LT18b, Lv16, Lv18, Maa15]. **order** [MDHD18, Mah17, MGPPGCCV15, ML15, MMZ19, MH17c, MS19c, MS16a, MGMM17, MAJR19, MK16, MMK17, MKS19, MSL15, MO15a, Mos16, Mus18, NE16, NBK16, NR15, NKS18, NC16, NCS16, NS17b, NEK18, Oni18, Ort15b, OA18, Özb15, PAE+17, PHM19, PY19b, Pi15, PS15b, PVL19, PP19, Por18, PS19, PRC+19, PK18b, PV19, QLLY18, RD15, RRM16, RSKB15, RSKB16, RS17a, RR18a, RLZ19, RN18, Rem18, RA15, RW17, RME18, RMK19, RZW18, SWUE19, SST18, SEKA16, SM16, SHR18, SN15a, SCB15, SSCX18, Sha15e, SB15, Sha16b, SA16c, SA16d, SGM+16, SWL16, SSM+15, SMM18, SGMH16, STD15, SM18, Sug17, SH15c, SzShG16, Tal15, Tan15a, TZF15, TSZ19, TZ19b, TBG16, Tua15, UHLM15, Ugu19, USCAAA15, WA15b, WK16a, WTJ17, WLLK17, WXWX18, WY18, WW18, WR19, WLQ+19, WXLL19, WXXY19].

order [WLFX15, bWzZjH16, XY15a, XYZK15, XY17, XW19, XC15, XLW16, Xu19c, XLL+19, XS19b, YW15, YLHS17, YWO18, YLCW18, YFH19, YGZ19, YZH+19, YU15, YUK19, YmZHC15, YJMH18, YLH+19, Yüz18, ZAP19, ZPRZ18, ZB17, ZT15, Zha15f, ZY15b, ZWK16, ZLH16, ZZCY16, Zha17a, ZSZ17, ZYC18, ZLD18, ZZ18c, ZWBC18, ZZS+19, ZZX19, ZCU15, ZJ15b, ZY15c, ZYLY17, ZZL18b, ZZQ18, ZLX19, ZZC19a, ZS19b, ZZ16c, ZJO+18]. **order-linked** [SCB15]. **order-size** [CLT+15]. **ordered** [GLL15a, CLHC16]. **Ordering** [AG17, GA18, Wan16c, Kur18, LWG16, LGC19b, LD18b, SCB15, YW18a]. **orders** [Cat19, DY15, DKM15, HLT16, HCX+17a, IKMW15, KKB15, MM17, MD15c, MCI16, RV16]. **ordinal** [BRM+19]. **ordinary** [AK19b, CS16a, CZ17a, CNQRR18, DZW15, FY19, JISI18, LJZ18, LXZ19a, LMZW16, MGMM17, Nas19, RRV15, ZMQ16]. **organization** [LLT19]. **organized** [HYZ+18]. **organizing** [KTD15, KDTP18]. **orientation** [Han16]. **oriented** [DRS18, GWX17, KST16b, LWZ15, MRS19, PCA16, QY15, Wan16c]. **Orlicz** [bBjJ16, CNNA16, jJ15b, jJ15c]. **Orlicz-convexity** [CNNA16]. **Orness** [DPL+18b]. **Orthoexponential** [BÇS15]. **orthogonal** [AHG15, AM15d, BGP15, BP17b, BCFR18, CMR17, CCR18, GGMPC15, MMMMB17, MMPP18, MRQZ19, OA15, Rah19b, RS17b, SST18, Sza15, WZF+19, ZZ18c]. **orthonormal** [MS19c]. **orthotropic** [ABN+17, NB19b]. **Osada** [HMGC18, ZS14]. **oscillating** [CLS15, lDqCWzH18, HCY15]. **Oscillation** [AR15, BD17, BGST16, CLS15, DWZ15, DJ18, GS15a, Ma17a, SMZ15, WWZ19, AZL16, BMO15, Ban18, BJ19, CDJ19, Ely15, Gao17a, GJZ19, HPN15, HV19a, Wan15d, ZWK16]. **Oscillation-free** [Ma17a]. **Oscillations** [CÖ15, BF16a, DKP16, PFH+15]. **oscillator** [BC15, BHD18, GST15b, Sun15a]. **oscillators** [GCAA18, NC16]. **Oscillatory** [ABL15, Can15, ABLZ15, CZ15a, CXK19, FMX15, FLS18, FKR15, FR16, GNW15, Gra15, HJMB18, HZ17a, JIS15, Kan19, Li17d, LD18a, Li18, LX19a, LX19c, LP16b, WYLG19, XMX15, uDuI18]. **osculatory** [LLO16]. **Oseen** [LR19c, TA16]. **Osher** [CGM16]. **osmosis** [FW18b, DFG+19]. **Ostrovsky** [KRB15]. **Ostrowski** [CDK15, LT15]. **other** [ACD18, KKKD18]. **outbreak** [DTJ18, LLL16a]. **outer** [DYW15, GPRCTRY19, Pop17, TLZ+19, XZS16]. **outerplanar** [YKLS19]. **Outline** [IKHS16]. **Output** [DH17, MM15b, XLJC18, YSWZ17, CXP16, CLXW17, CCQS16, CLCW17, FMDZ19, FNS15, FLYG18, GZC19, HYL19a, KSM+19, LLZ15, LZM+18, MAR15, Pai15b, PY19a, SYZP16, SWSW19, TTZ+19, TPL16, TLL+18, ZZL17, ZHWW17]. **Output-Feedback** [YSWZ17, CCQS16, LLZ15, TTZ+19]. **output-feedback-based** [TPL16]. **outputs** [YCX+19]. **oval** [BM19c]. **over-constrained** [dSH17]. **over-relaxation** [Gon18]. **overfly** [Tsy19]. **Overlapping** [ZGL15, CLR15, DHW+19, LpLxG18, LJL16, Ter15]. **overview** [EEG+16]. **OWA** [DPL+18b]. **owner** [HW15]. **owner-occupied** [HW15].

p53 [PBB18]. **p53-Mdm2** [PBB18]. **Pachpatte** [BAK19]. **Pachpatte-type** [BAK19]. **Pacific** [FMRRT15]. **package** [CBGGV17, DRS18, RCRL18]. **packages** [MHCF15]. **packet** [HZK+19, HXW+19b, LCY16, SS19b, SDP16, TPL16, WSH+18, XPZ18, XCW19]. **Padé** [AL18c, MVRV19, NH17, SSB18]. **page** [LYC15]. **PageRank** [ATV16, GJNC18, HM15c, SHC+17, TLZ+19]. **Pages**

[DN16]. **Painlevé** [RC17b]. **pair** [Kud19b, LABK15, Mis15, PZJ17]. **pairings** [UK18]. **pairs** [BP17b, FKR15, WJGM19, XLW15, Yor15]. **Pairwise** [KS15, NT19, KWGRP16, Pos17]. **Paley** [Ort15b]. **pan** [LCOS19]. **pan-integrals** [LCOS19]. **panconnectedness** [KC18c]. **panel** [MSdC$^+$18, TDA17]. **Panleukopenia** [CYLW15]. **pantograph** [AM15a, BÇS15, EE18, MHM15, RWY19, Reu15, YMMH15, ZGGY19, ZH16]. **paper** [DY17, Pan15, PK18a, TT16, ZS15d]. **papers** [ZS16b]. **papillomavirus** [SG18]. **parabola** [AG15d]. **parabolic** [AP15, AP18a, BNY15, BK18c, Bog16, CCJ15, DN15a, FGPR18, HZLY17, KK17, LZL19a, LZ17a, Lia15a, LFL$^+$15, LWSO19, MN17, MK16, MMK17, MKS19, RR15, Sap18, SMI18, SR17, SY17b, SW17b, SJ18, SN18a, SN18b, uIHA18, Slo15, SSJ15, TMS15, Vab15, VK15, VK17a, WLWD18, YX19a, ZZCY16, ZZ17a, ZKKZ18, ZMT15, ZY15d, Zho17, ZLW18, ZLL18]. **Parallel** [AGC19, BLP17, Cha19, CYCW15, HM15c, PVV$^+$15, WY15a, ZS19b, ADMV19a, BGP15, Dan15b, Fuk15a, JCW18, KK16b, Liu15b, MHCF15, MKN15b, SSS15, TD18, WS16, Xu19e, Zad16, ZPRZ18, ZXDP18, FFGRSV19]. **parallelised** [CSZ19]. **parallelism** [SD17]. **parallelogram** [ZZ16a]. **paramagnet** [Pu15]. **Parameter** [DK17, FvdMS15, PN15a, Akt15, BH17, BZ16, CÁGGLP16, CGCK19, CPST16, CCGP16, Dan18, DLJT16, Ely15, Fuk15c, HH18a, KLS15, LSfW15, LSAR15, LABK15, LS15b, LXJ$^+$17, NBK16, RR15, Red19, SR17, SRH15, SS15b, SuSB15, SWSW19, VVD15, YLNL15, ZG15b, dSR15, dSSB$^+$16]. **Parameterized** [Pop17, BBF$^+$18, CC16, DLF15, HR18, SL15a, Tan15c, ZLL15a, ZM15c, ZM18b]. **parameters** [ATK$^+$16, CZM18, Dor16, eFJY17, FDPP18, GZ18, HASC19, HM18c, KBR15, KA15b, LLCR15, LZKX19, LX19d, Luk15, MC15c, ÖAD15, ÖÖAD15, PN15a, RR18b, SN18c, UPMV18, VS17, WLH$^+$18, XJZ$^+$15, XKWG15, YWO18, YJW16, ZH15b]. **Parametric** [Lin19, AM16, ACDT18, BCST19, BBF$^+$18, CXP16, CGMT16, HP15b, JLL15b, LA15, Pop17, SJ19b, SDGU16, UKS$^+$16, WWZ15, XZW$^+$15, ZCCZ19, ZCX19, ZBME16]. **Parametrized** [Jar15]. **parareal** [Wu17, ARK15]. **parasitism** [WW16c]. **Pareto** [CGPT15, WYW16, Zil15]. **Parisian** [LLZD18a, LD17]. **Parity** [CYCW15, WC15a]. **Parseval** [DÖA15, MFC17, SZ18a, Sko17]. **Part** [Boy15, LB15a]. **Partial** [DGRR16, Mah18b, AB15a, ASA19, AGM16, BD18, BR17, BMGMC17, CW17, Chy16, Cov19, CT17b, DOR18, DSM15, DY15, DKM15, EAAM$^+$15, FY18, GAB17, GE16, GZ15b, GS17c, HPN15, HJKP18, JL15, JYS16, Kur18, LL16a, Liu15a, LY16b, LMMZ18, MJ19, MM17, MD15b, RD15, SuR15, SPS16, SPST17, SPS18, SN18a, SN18b, SQL16, VDV15, VDI17, WZZL16, WWZD16, YL17, YFW$^+$17, YJSW16, YYP18, YL19c, Zha16c, ZK18]. **Partial-approximate** [Mah18b]. **Partially** [KMB16, CY16a, CLZW19, DSB15, LSZ$^+$19a, LYZ19, LZHC18, WC16, WZ18b, ZGGY19, ZZMS19, ZDF17]. **Partially-averaged** [KMB16]. **participants** [Lu16]. **participating** [MHR18]. **Particle** [GI16, GSP15, TIT15, AM19, CS16c, DGL$^+$15, FLL$^+$19, GSDH15, GWPA18, KLZT15, LW19a, LWLM19, ÖÖAD15, SBG$^+$17, WL19b, YJYH15]. **Particle-based** [GI16]. **particles** [Ant18, Can16, CCL$^+$15, Nav17, SK15, ZHWW15]. **particular** [Cat17, HP17, Rét19]. **particulate** [SFC$^+$17]. **partiteness** [HLX17, HHT19]. **Partition** [EB16, CLHC16, LX18, WWW18, SCN15].

partitioned [CY16a, HMD19, MD15a, TLL16, XL18a]. **Partitioning** [LWM18, KB18, LSLZ18, PBMP15]. **partitions** [Bog18, CYW18, GSV15, GSV18a, Yan18a]. **partly** [FK18a, QG16, Zha19b]. **parts** [Pos17, TH19]. **Pascal** [BNS16]. **pass** [TBSR16]. **passage** [Xu15b]. **passenger** [YYX+19]. **passification** [WCHW19]. **Passive** [FM16, CLCW17, SS15c, WZK15]. **Passivity** [HXW+19a, JGX15, WCHW19, NR16, RSC+17, SM15b]. **Passivity-based** [HXW+19a]. **past** [EAY17, HRS17, Kan15, Mah19, MP18, Pan15, SSB18, Sha12]. **Pasternak** [LZL15a]. **Patch** [Li15b, BJM16, LL17a, LZ15c, Wan19b]. **patch-based** [LL17a]. **patches** [dSVR17]. **patchy** [GGM15, LZT+18]. **Path** [GBS15, IB19, BHD18, CH19, GFE19, GLYT16, HP17, HRLGÁ18, JY19, LZ18e, DPL18a, MKG15, RZH+19, RXQ19, SA19, SNAR15, XLS18]. **path-conservative** [DPL18a]. **pathogen** [SK19]. **pathogens** [WLG17]. **Paths** [Lai15, Che18b, DDdF16, Dim17, GL18a, HRLGÁ18, Mao17, MSdC+18, QY17, San16, XYZ18]. **Pathwise** [KG19]. **patient** [JV18]. **patient-specific** [JV18]. **Patrick** [KKB15]. **patronization** [CRCVMS18]. **Pattern** [IWL17, LLWW19, PL18, SZFS17, HD17, HYZ+18, MBM16, PZ16b, TLZ17, VK17b]. **patterned** [lJdW16, JH17]. **patterns** [BRM+19, FFN18, HYZ+18, RLSGFMMF16, TS15, ZZH15]. **pay** [FK18b]. **payment** [BS15b, PSSX17, WRZ19]. **payoff** [EEST16, Kur19, LJR19, NT19]. **payoffs** [DLD16]. **PCHIP** [ADS16]. **PCM** [PHRB18]. **PDE** [ASV17, HH19, MTB18, QFTT15, RR15, RC17b]. **PDE-constrained** [QFTT15]. **PDEs** [AND17, Dol15, EHdLS16, FBF18, GPHAPRW16, Kue15, RRM16, RAV15, TNMR18, USCAAA15, UKK17, VS19, ZHX+17]. **Peaceman** [LZ17a]. **peak** [DLXZ19, Lu16]. **peak-bounded** [DLXZ19]. **Peano** [GI15, NB15]. **Pearcey** [LP16b]. **PEC** [QBNF19]. **pedestrian** [CFS18, GW19, HZCY17, HZ17c, KZL19, WWC+15]. **peloton** [TRRP15, Tre15]. **Pempinelli** [FMC15]. **penalized** [LK19b, SBL16]. **Penalty** [EL19a, LW15a, ALP18, CW17, EL19b, EL19c, GGHO18, KCWK15, LY18a, MZ15, Sar17]. **Penalty-Projection** [EL19a]. **penalty-type** [GGHO18]. **pencil** [WJGM19, Yua15]. **pencils** [Wan18, dCSS17]. **pendent** [CZ17c, DDdF16, Dim17, JYSR18, SWG+17, STD15]. **penetrative** [Har16]. **Pennes** [GSP15]. **Penrose** [Kyr17, SS17, She18]. **pension** [WRZ19]. **pentagonal** [LY18b]. **pentavalent** [YFH19]. **people** [BMDS17]. **percentage** [FHM16, SM15a]. **perception** [ZY16]. **Perceptron** [BKZA18]. **perfect** [CZ15b, FZZ18, SGDX18, YZZ16]. **perforated** [RL19]. **Performance** [EOP17, NCEGA15, Upa16, BS15a, CCQS16, FFTB16, Liu17a, XD19, YLW19]. **peridynamic** [TTD17]. **Period** [TSA15, GKDHR19, MBM16, SCB15, WQK15]. **Periodic** [BR15, Che15d, GGL15, HJ15, Liu15c, LD19c, SPGP18, XSLW17, ZS15c, ZMMZ15, ASASM16, AA16, ALN16, AM18c, ACC16, CL16c, CT18, DT16, DZ16, DFP15, DNC+17, DO15, GO15b, GST15b, HV15, HPR16, HL15b, HHY19, IT15, JA15, JS16, JIS15, KLS15, LL15c, LZ15a, LG17, LXJ+17, LL18c, LLdM16, Lv18, Ma17a, MPW15, MMZ19, NJM+18, PW19b, PP18a, RRR19, RRR20, Seg15, SXS15, SLL+16, UMF19, WA15a, WTXZ16, WC16, XZCC15, YL19b, ZLW15, dSR15, dSH15]. **periodically** [FYZ16, GWXZ18, TN19, WHTW17, ZXC19]. **Periodicity** [Liu15e, AK16a, ACSS15]. **Perishable** [PL15a]. **Peristaltic** [FF18, AB15b, HMHA15]. **Permanence** [OL15, Zha15e]. **permanent** [ILPE17].

permanental [LQZ16, LW18e, LW17b, SR16a, WL18b, WS19c]. **permeability** [FK18a, Liu16a]. **permeable** [BAR18, EAY17, GG19a, Mah19]. **permissible** [BS15b]. **permission** [HHR17]. **permit** [LWZ19a]. **PermonCube** [MHCF15]. **permutable** [Pos17]. **permutation** [NL18b, WC15a, XYZK15, Yor15]. **Perry** [DCW15]. **Persistence** [LYH19, BB16, CDHK15, Kur19, VEF19]. **Persistent** [LSR18, HXW+19b, XXW+19]. **person** [DLY+17a, LWZ19a, MN15]. **personalized** [RLGGAV17]. **perspective** [CDHK15, DZY+18, Fau17, FNS19, IÖ19]. **Perspectives** [FPKF15]. **persymmetric** [AAKT15]. **pertaining** [SKHA18]. **Perturbation** [DQH18, EAY17, MZM17, eMAGG19, DHQ19, FYZ16, GG15a, JT16, LY15c, LLX18b, LJHA18, Luo19, Ma18, TIT15, XL18a, YZ19, YWH15, ZDPZ15, ZJO+18]. **perturbation-based** [TIT15]. **Perturbations** [SZ16, CXZZ18, DGZ15, DJ15, JGX15, LD19c, MS19a, TLGX15, Wan17a, bWzZjH16, XH19a, ZYXF17]. **perturbative** [ACC16]. **perturbed** [AK18b, BZ16, CMR17, CJ16, CVA18, DN15a, Fan18, GQC15, GN19b, HV19a, KS16b, KK17, KH17, LSAR15, LB15a, LDS+18, Liu18a, MN17, PCS17, SAA19, SR17, SN18a, SPGP18, SN18b, SRCA17, SM18, TG16, TNPL15, VD16, WLH+18, ZY15a, dFKMM15]. **perturbed-quadrifolium** [LB15a]. **perturbing** [YY17]. **pest** [LPZL16, LTC16, LWW15a, SZT17, XTXW15]. **pesticides** [LTC16]. **Petersen** [CMSZ18, CZ19, YW18b]. **Petri** [Val18]. **Petrov** [KBK+16, AJMN18, AM15c, DWRZ17, HSS15, MB17, WZWD15, YWZ18, ZY15c]. **Petrovsky** [LG16]. **Petviashvili** [VK19, EO18, RC17b]. **Pfaffians** [FZZ18]. **PGM** [LB19]. **PH** [KKD17, NC19]. **PH-matrices** [NC19]. **Phase** [MMZ+17, BM19c, BB18b, BST18, DJL17, FNS15, FS16, GOA19, GAT18b, HHP18, HLC+17, HLJ18, JLL15a, KZA19, Kri19b, KSZ15, LXL17, DPL18a, MS15a, MZS18, Par18a, Pel17, RSO+18, SAES19, Tha18a, WXM+18, Zei16, ZM19, ZHS18]. **phase-field** [ZHS18]. **phenomena** [RL15, SBV15]. **phenomenological** [ALDHA+17]. **phenomenon** [ACRZ18, BCD15a, Kem18, KL15, LS15b, MMIA19, SZO16, VBG+17]. **Phillips** [Sha15d]. **phonation** [SH18b]. **phononic** [RCM15]. **phosphate** [JMK17]. **phosphate-buffered** [JMK17]. **photons** [MHR18]. **PHSS** [Zha15b]. **PHSS-like** [Zha15b]. **physical** [FXC17, RZR16, SSM+18]. **physiological** [HGG16, Li15a, Pon18]. **physiology** [SH15a]. **phytoplankton** [JA15, YYZ19]. **PI** [CVMGPPGC15, MBW19]. **Picard** [CG19, NH17, SuR15, Sae17, ZI18]. **PID** [SA16a, SY18a]. **Piecewise** [CG19, Han15b, LLW19, And18, Arà16, CFSGM17, CGAL19, DQW+19, Fuk15b, Gao17a, GMOGCCC15, GLN15, Han15c, Han18, LLz18, Liu16b, NJM+18, Pis18, RM16, TLX19, WA15a, WHTW17, WJZF19, XH19a, YSL19, ZS15b, ZYZW16, BCM17]. **PIES** [BZ17]. **piezoelectric** [KAMD18, LLL19a, MWLL17, ZLL16]. **piezoelectric-type** [LLL19a]. **piezothermoelastic** [KS19b]. **piezoviscous** [RP16]. **PIM** [LLG+15]. **Pinney** [MR15a]. **Pinning** [ZZL+18a, FYZ16, PRC+19, RVGS17, YFW+17]. **pipe** [MPPP19, PHRB18]. **pipeline** [AAS+17]. **Pisanski** [KST19]. **Pisarenko** [GG19b]. **Pitaevskii** [MDH16, WMLG17, WJWX18]. **pitches** [ALMCDH+18]. **pivoting** [APS16]. **pivots** [GTBC18, RBB19]. **placement** [SCZ+17]. **placenta** [ZDZ15]. **Planar** [YSWZ17, CB19, DHS19, FG19, JJ16, LZS15,

LL19c, OGC19, Van15, Wan15f, WFZ17, XLG18, Xu19d, YSY+17, YKLS19, ZLSX18]. **Planck** [GDL16, GAB17, HP16, MW18, SR15e, XYG+18, ZJY18]. **plane** [AOS19, BLNSF17, CGG+18, Che19, Chi15, EM16, HWL+19b, KM15a, Mar16, Neu16, SSA18, Vol15, dSR15]. **planes** [YJY16]. **plankton** [LYZL18]. **planning** [Cov19, GKDHR19, GLYT16, MND+15, WLLL15]. **plans** [WRZ19]. **plant** [LPZL16, TH19, WW15]. **plant-pest-predator** [LPZL16]. **plaques** [MGN18]. **plasma** [Wan16b]. **Plasmodium** [KCL19]. **plate** [AAMC19, EAY17, JDL15, SLW16b, WL16a, Zho15a]. **plates** [DDY15, GG19a, JA17, LZL15a, LZL17, MC15c, MB17, Muk16, NMNTBXVD15, Rad15, RCM15, RL19, SSN15, ZLL15b]. **platform** [KGS+15, YYX+19]. **player** [ESS16, ESES16]. **players** [AMCMFJ15, DLJW15, ES15, KZT19, Pla15]. **plot** [CLHC15]. **ply** [MRF18]. **PMC** [LHG18, WY17]. **PMHSS** [CR15, LL15d]. **PMHSS-multigrid** [LL15d]. **pneumococcus** [MMK18]. **Pneumonia** [TMM18]. **Pochhammer** [Bag15]. **pockets** [CT17c]. **POD** [LJC16, LT18b]. **Poincaré** [MPB+17]. **point** [ACS15, AKS15, ALMCDH+18, ACE19b, Alf17, ACRZ18, AM15g, ARGF15, AM15h, AADMM16, BAR18, Boi15, BGP15, BLJ+19, CFG15, CY16b, CL19b, CFSGM17, CC16, CM15a, CSZ19, DLF15, EB16, tFyZ15, tFyZZ15, FZLZ19, FB19, GK15, GKN15a, GKN16, GOA19, HM17, Han19, Har15, HL17, HM15d, HMX15, HM15b, HWXC17, HM18c, JA17, JSM16, Jeo16, JPTL15, KM17a, KM15c, KMBA18, KD18, Khl18, KKG18, LR19a, LW15c, LWK15, LSjL17, LZ17c, LZ19e, LL17c, LJ15b, MP18, Mia17, NH17, ODP17, PZ15, PN15b, RPB15, RDLG16, RS15b, RS16a, ROGS16, SSA19, SL15a, SJ18, SBL16, SuSR15, SN15c, SuSB15, SuSR16, SDK15, TTZX15, TST16, TXM15, WLLK17, jXlZX18, XLW16, YCH19, YLW15, YY17, YW19b, Yun15, ZV17, ZLL15a, ZZG17, ZM16, ZWY15b, LLG+15]. **points** [BT15b, CL16c, CVA18, CNQRR18, DU18, Erb16, Ers16a, FHPV18, GRV15, GKN16, HRS15, IZ16, PN15b, SML+15, SPGP18, SZ16, TW15b, TTP16, WHSS15]. **pointwise** [Gon18]. **Poiseuille** [KPG16]. **PoisFFT** [Fuk15a]. **Poisson** [BPZB18, CSA18, Fuk15a, HP16, KLZ19, KL16, LL19c, LDL15, LJL16, MLT17, PYZS18, SZPH16, TRP15, ZB17, ZLL15c, ZH17, ZZL15a]. **Pol** [Sun15a]. **Polak** [AKA19]. **polar** [BM18a, Jai18, KZZ15, LLX18b, yWyLyY+15]. **polarity** [ADA18, AG17, HD16a, LdCC15, LL18b]. **polarization** [IR18, Kim18]. **pole** [LY16b]. **poles** [BM19d]. **policies** [BS15b, DL17d, PMSB15, RZR16, SCB15, ZPZ+19, ZSW+17]. **policy** [RRS+18, SRAC16, SD19a, UMF19, ZWD15]. **PoliMIce** [GZG+15]. **pollination** [WWW15]. **pollination-mutualisms** [WWW15]. **pollinator** [WW15]. **pollutants** [DMSS18]. **pollute** [BKAAM15]. **polluted** [LC15d, YYZ19, ZYZ15]. **pollution** [FCW+17, LWZ19a, RSLL+19, SK19, YCLS19, ZBR15]. **poly** [DKKM15b, GWPA18]. **poly-Cauchy** [DKKM15b]. **poly-dispersity** [GWPA18]. **Polya** [AIK15, IAK15, DDM16, DD16b, GAS17, MRS18]. **Pólya-based** [MRS18]. **Polyak** [AKA19]. **Polychromatic** [LZ18d]. **polygamma** [CE15]. **polygon** [Cho19a, DJLX17]. **polygonal** [Gia15b]. **polyharmonic** [RV16]. **polyhedra** [GWK15]. **Polyhedral** [GS18a, GS16, GWPA18, LB19, VZ18]. **polymatrix** [DJW19]. **polymeric** [KA15c, RG18b]. **polymonogenic** [BÁR15]. **Polynomial** [GSV17, LLX18a, SV15a, AHG15, AK16b, ASZD18, BÇS15, Bor15b, Boy17, CGJV16, CC19, CL18, CJ17b, DSM15, Fer15, Fuk15c, GK17, HPR18,

JCW+15, KAI19, KK15a, LZS15, LQZ16, LW18e, LW18f, LCW19a, LW19b, LWSM16, LDH18, LMMZ18, LLdM15, LLdM16, MRF18, Mig16, NRT16, PC16, Pis18, PS16, Pro16, PIP19, PV19, SGM+16, SK17a, TNMR18, Tur18, WYL+19b, WTUZ15, XH19a, XZW+15, YZJ18, YQ18, ZS16a]. **polynomially** [YYM19]. **polynomials** [ABQ15, AHG15, AM15c, Akt15, AM15d, AHM16, AE17a, BN15, BS17, BMR17, BMB15, BP17b, BCFR18, Cas15, CMR17, CCR18, dCM16, CM15b, CW18, DDSL15, DSDL19, DD15, DKKM15a, DKKM15b, Far18a, GT15a, GGMPC15, Gla19, Han15a, HASA15, HK18a, HS18, IH15, JRSK16, KA15a, KM15c, KR15, KM18a, Kim15c, KKD15, KKMS16, KSS19, KAS16, LY15a, LB15a, LAAZH19, LW17b, Luo15, MMMMB17, MMPP18, MYHS18, MC15b, MS19c, Muk16, NR15, ÖK19, PR15b, QZ15a, QZL18a, Rah19b, RLSGFMMF16, RT18b, SR16a, Sak19, SR15d, SIA16, Sim15, Sin18, Sza15, TZTG17, TW15b, TG17, VLCT18, WW17, WXW18, YZ17a, Yüz16a, ZZ16a, ZHX+17, ZZ17b, ZH15b, ZC19c]. **Polynomiography** [GK17]. **polyomino** [ARB16, HLL16]. **polyoptimization** [PN15a]. **polyphenyl** [CXL16a, YLWF15, YLWF16]. **polytope** [AGZ15]. **polytopes** [ABGS15, Cih15, RHP18]. **polytopic** [CWHY15, YCX+19]. **Pompeiu** [ES16]. **poor** [GlH+19]. **Popularity** [XDG+19, CZM+19]. **Popularity-driven** [XDG+19]. **population** [AA16, CJ18, CST+15, DP15a, ESES16, GLM16, GHM15, KSN15, KS19c, KM15d, LMF17, LGL+19b, MDZ15, MS15a, MTMB17, PYZS18, QLF15, Sch16, SRK18, TRP15, TMPG17, Ter15, XD15, XJZ+15, YLZT17]. **populations** [DL17d, HZS15, MMS18, MM16, Pla16, RS19, WHC18]. **poroelastic** [DK15c]. **poroelasticity** [GM17a, NRS19]. **porous** [CSZ15, EM15, EB16, FM17a, FM17b, FK18a, GZW15, GG15c, Har16, Jai18, LR17, Liu18b, MSI17, MKN15b, Pan15, PP18a, RNM15, RL15, RSC16, SST17, SSB18, SKS17, SS18c, Sha12, SRP17, SMR15, SMG+18, SCM19, YWYS18, Zha16b, Zha18e]. **port** [FLYG18]. **port-controlled** [FLYG18]. **portable** [RLGGAV15]. **portfolio** [HD16b, HW15, JPY16, KM19, LZX15, MN16, NM15, PCW15, SBLZ17]. **posed** [CPST16, GS17b, JSG15, SGJS16]. **posedness** [GS17c, JL15, LL16c, Zha16c, ZFL18]. **position** [AVC+19, CXK19, Dan15a, LJL15a, LS19a, LS19c, WWC+15]. **Positive** [CD15c, HLZ15, LZCL18, MG15, WLZW15, YW18c, Agr15, ACKS16, ANEP19, BD17, CCQS16, DZ16, DM18, DL17c, DO15, tFyZ15, FM17a, FFT15, HL16, JXW15, KM19, LLY15, LWS15, LX16b, LQC+18, Liu19, PWS17, PZ15, QZCJ19, Ras15, SC18b, SXS15, WA15b, WZLP18, XHW18, YQ15, YZ15c, ZLL15c, ZZC16]. **positive-definite** [tFyZ15]. **Positivity** [HJMB18, KE18, ZSY18, GOA19, LZ19c, MO16, TMPG17, ZZ19b, Zhu18]. **Positivity-preserving** [HJMB18, Zhu18]. **possessing** [BCSG18]. **possession** [HKW+17]. **post** [LR19c]. **post-processing** [LR19c]. **posteriori** [Bac15, BBG19, BCNN19, BCG19, CG15, CH18b, GGHO18, HL16, MW18, XH19b, ZL17a, ZCZM15]. **potential** [eMBHA15, AM15b, AHM16, BW15a, Bhu15, BHD18, Can16, GR15b, KSP16, LL19a, QBNF19, SDWG19, XJZ19, YY15]. **potentials** [Cha19, Nav17, QFS17, Sun18, WE19]. **Poussin** [AÖ15a]. **Powell** [GK16b, MHZC15]. **power** [AMCMFJ15, BLK19, BD18, BB18b, BS15a, BL15, BL18, CW17, CLWM19, DSM15, DZ17a, GMPP18, GG19b, LPS19, LW19c, MGPL15, DFG+19, OPP18, PN15a, PP18b, RCRL18, Ste19, SRGW15, TTD18, WC17, XTXF18, ZLS16].

power-based [XTXF18]. **power-performance** [BS15a]. **power-type** [OPP18]. **powers** [JXW15, LGS+18, LL16b, Zha19a]. **practical** [WZAF15]. **practice** [BLA15, WWC+18]. **pre** [Bhu15, CLT18, HLT16, MD15c, SG17]. **pre-exposure** [Bhu15, SG17]. **pre-order** [CLT18]. **pre-orders** [HLT16, MD15c]. **precedence** [GYY18]. **precession** [UGY16]. **precipitation** [WF15c]. **Precise** [Fuk15c, Fuk15d, Fuk15b, CL16c]. **Precisely** [CCYT19]. **precision** [DEdlT17, Her19, Ton18]. **Preconditioned** [WS16, ZM16, Bho15, CC16, DLBQ19, HXLC15, HM18c, LWK15, MLW18, SL15a, ZVL19, CFR18]. **preconditioner** [CM15a, CWL19, tFyZ15, FZL19, HMX15, LZ17c, LZ19e, LJ15b, LpLxG18, RBB19, TXM15, ZZG17]. **preconditioners** [CL19b, FZLZ19, HWXC17, LW15c, LL17c, WLZ19a]. **Preconditioning** [ZZ15a, AL18d, CZL18, Pel17]. **predation** [GG16, HD17, LPL17]. **predator** [AYAA+15, AO15b, AADF18, CSWJ15, CY18, DSB15, FHV15, GNR+19, GIS15, HL15a, HXS+16, HCX+17a, HYZ+18, HLC19, JAU15, JGGK15, Kha17, KB17, LPZL16, LC15c, LB16a, LLZ+16, LJHA18, LPL17, LD19c, fLLPY16, MHX17, MMS18, MMG17, zMnZyZ15, Mou15, NS17b, OL15, PZ16b, PL18, SP19, SSB15a, SL15b, SZT17, TS15, TLZ17, Vad19, Wan15a, WPL15, WXLL19, WLL+19, XD15, XZCC15, XWDW17, YW18c, ZS15c, ZMMZ15, ZHW16, ZCFW19, ZZL16b, ZJO+18]. **predators** [LLL16b, SSB15a, ZJ15a]. **predecessors** [ADMV19b]. **Predetermining** [AM18c]. **Predicting** [Lu16, MPLS19, SRK18, KSK+15, NFS+15, YS16]. **prediction** [CST+15, HDG15, LHHS16, Rog19, Upa16, ZBKS16, lZA+19]. **Predictive** [XCW19, DME+15]. **predictor** [How15b, How16, JDG18, KDG19, MS17a]. **predictor-corrector** [How15b, How16, JDG18, KDG19]. **Preface** [Ano15, Ano16, DGRR16, ZS16b]. **preference** [BMDS17, LY18c]. **preferences** [CRCVMS18, GH17]. **Preferential** [ZSW+17, ZL19c]. **preinvex** [NNA15b]. **Preisach** [BMC19, NEK18]. **Preliminary** [BTP17]. **premise** [Zha19b]. **premium** [PP15a]. **preprocessed** [GJNC18]. **prescribed** [Lin15]. **presence** [AwEE15, DS15, FS16, JYS16, JZ19b, KHN19, LW15b, MSI17, PSM17, YWL18]. **Presenting** [MN15]. **preservation** [LH17c, SN15c, SSM+18]. **preserve** [Bir15, LZ16]. **preserved** [FWLC15, FCW+17, YDWZ19]. **preserving** [BB18a, BMGMC17, CLY17, CCY19a, GHZ19, HJMB18, Han15c, Han18, HP16, HKW+17, KMS18, KE18, LJL18, LM18, LZ19c, LH19a, LW19a, LWS18, MDHD18, MO16, QDD15, SHH15, TMPG17, TZ18c, WMSP19, YWS18, YUK19, Yos19, ZZ19b, ZLX19, ZCCL18, ZSY18, Zhu18]. **Pressure** [BTP17, RRT15, CXW18, EdLC18, HG18, LS19b, MKRS16, DFG+19, QTXY16, SS18c, SCM19, WE19, XP17]. **pressure-dependent** [HG18]. **pressure-driven** [SS18c]. **pressure-loaded** [WE19]. **preventive** [DKN16]. **Prey** [MMG17, AYAA+15, AO15b, AADF18, CSWJ15, CY18, DSB15, FHV15, GG16, GNR+19, GIS15, HL15a, HXS+16, HCX+17a, HYZ+18, HLC19, JAU15, JGGK15, Kha17, KB17, LC15c, LB16a, LLZ+16, LJHA18, LLL16b, LPL17, LD19c, fLLPY16, MHX17, MMS17a, MMS18, zMnZyZ15, Mou15, NS17b, OL15, PZ16b, PL18, Sah15, SP19, SSB15a, SL15b, SZT17, TS15, TLZ17, Vad19, Wan15a, WPL15, WXLL19, WLL+19, XD15, XZCC15, XWDW17, YW18c, ZJ15a, ZS15c, ZMMZ15, ZHW16, ZCFW19, ZZL16b, ZJO+18]. **prey-based** [GNR+19]. **prey-one** [AADF18]. **prey-predation** [GG16].

prey-predator [LLZ+16, Mou15, OL15, WXLL19, ZMMZ15, ZCFW19]. **price** [dCCGV15, Cim18, Lah18, LZZ15]. **prices** [CLL+15]. **Pricing** [AM15d, CLR16a, CDL15, LD17, LLZD18a, MZC19, MBHS18, PMSB15, RPB15, SPP17, ZW15c, ZL15c, dCCGV15, CXL15, CW17, CL16d, CLT+15, HS15c, JO15, PP15a, RZR16, TZ18d, ZLC+18, ZBL15]. **Primal** [CK17, RCTZ18, JPTL15, YP18]. **Primal-dual** [CK17, JPTL15, YP18]. **primaries** [SPGP18]. **prime** [JHL19, LLL18a]. **primitive** [JHL19]. **Principal** [YQD17, LKM17, MH19a]. **principal-value** [MH19a]. **principle** [ARL15, CCC19, HV19b, JV18]. **principles** [CH18c]. **priori** [BAE15, CH18b, FM17b, HZLY17, YCH18, Yil16]. **Priority** [DKDD15, JBS15]. **priors** [EGH+19]. **prismatic** [BKZA18, KAMD18]. **prisoner** [CZM+19, ESS16, ESES16, GSD+17, HI15a, NT19, RCW+18, SLS16, Tan15e, Tan17a, Tan17b, WJ19, WL19b, XDG+19, YFLF17, ZAZ19, ZHY16, ZSL17, BM17, Sch16]. **Privacy** [HKW+17]. **Privacy-preserving** [HKW+17]. **Probabilistic** [PK15, ACS15, BCD+19, CST+15, CNQRR18, Haz16, NR16, Sch16, SHEBS19, TLL+18, WR15, GGAVGGRC15]. **probabilities** [DKZ16, HZK+19, KPP17, LZZ15, LSZY17, LSZ+19a, LZHC18, SY17a, YKJY17]. **probability** [CLSS19, CNQRR18, Fau17, JDS18, LDSD19, LRH15, MSH15, Nad15, Rah19b, SJ16, WDLL15, WXZ18, WDLS18, YCD17, ZS16c, ZXL15]. **probable** [CWD+19]. **problem** [eMA15, eMAGG19, AAGZ19, AOH17, AHO18, ABS15, ACE19b, AK19a, BE19, BMM19, BM19c, BY19, Bea19, BCNN19, BM18a, Boi15, BST18, Bor15b, BM18b, BFJ+17, BZ16, CÁGGLP16, CG15, CFSGM17, CRCVMS18, CS19, CGPT15, CW17, Che19, Cho19a, CLP+18, DLBQ19, DKN16, Dis15, DWS19, DQ18, FM17b, GWC+16, GS18b, GZW15, GWY15, GG15c, HM15a, HZ16, HMZ17, HSKHA15, HXM18, HM15d, Hua15, HMX15, HM15c, HM18c, HM19b, HSSH18, KCZK15, KCWK15, KZA19, KLZT15, KH17, LLMS16, LZL19a, LW15a, LW15d, LL15c, LWK15, LYW17, LW18g, LY18b, LZ19d, Lia15b, LJK15, LY16b, LYW18, Liu18b, LML18b, LVC15, LZ17f, LDL15, MCY19, MGCAPP16, MPPP19, MKG15, Mat15, MFF15, ML15, MGN18, MMB15, MK15c, MTJ15, NY15, NJTP19, Our16, Pan18, PABA15, PZ15, PTBN19, PS15b, Pov15, PCS17, QDH+18, QLZ15]. **problem** [QFTT15, RKQ19, RCTZ18, Rem18, RM19a, RMK19, SSK+19, SNAR15, SH18a, SPW15, SWL16, SY18b, SY19, SJ18, SPGP18, Slo15, SSS15, SSJ15, STVCC17, Su19, TES15, TZF15, Tha18b, TCY15, TLZ+19, TTP19, Tsi19, Tu17, Val15, WZM15, WQK15, WLLK17, WZWJ18, Wan18, WEH18, WS19b, WSC19, WD15, Won15, XL15, XL18a, XCHW16, XH19b, XBC19, XS19b, YÖ18, YWYS18, YCH18, YX15, Yua15, Yun15, ZY18a, ZL15a, ZJJ15, ZGL15, Zha16a, ZFL18, Zha18e, ZLLP18, ZJY18, ZF18, ZH19a, ZZ19a, ZTW19, ZM19, Zha15i, ZZL16b, ZWY15b, ZwX16, dFGAN18, ddGL15, BFIJ15, SH15b]. **problems** [ABD16, AT15a, AKS15, Ade19, ABHR15, AJMN18, AYD19, AMO18, ASASM16, AHP19, ADMV19b, AAKT15, Ali15, All18b, ASS16, ÁL15a, AV18, AAC16, And18, AA16, ADG16, AK18b, AP18a, ACTV15, ACTV17, ARS15, AF15, AJP18, Awa15, Bac15, BM16, BB19a, BNY15, BK18c, BRD15, BÁR15, BCH15, BVJ15, CFG15, CZ18a, CL19a, CY16b, CY16a, CL19b, CM18, CCJ15, CSV19, CHRD16, CC16, CL16a, CKG+16, CKG19, CM15a, Che15d, CGW16, CH18b, CD15c, CJ16, CVA18, DLF15, DN15a, Deh16, DPSS16, tFyZ15, tFyZZ15, FZLZ19, FPUK15, Far16, FFT15, Flo18, FKR15, FGPR18, GW16, GS17a, GW15c, GZZL17,

GdS18, Gar16b, GNW15, Ghe16, Gia15a, Gia15b, Gol15, HN14, HKL15, HLZ15, HYB17, HA19, HLIK19, HASC19, HPR16, HHGC16, HSS15, HL16, HZLY17, tHBSfY19, HM15b, HXLC15, HWXC17, IKMW15, JSM16]. **problems** [JK15, Jeo16, JIS15, JG17, KZR17, KKKD18, KM17a, KOR19, KMBA18, KAI19, KD18, KPT16, KEE17, KG18, KMZ19, KMT16, Lac15, LLO16, LX16a, LL15d, LQ15, LLY15, LWT+15, LW15c, LL17b, LZ17b, LZ17a, LSjL17, LD18a, Li18, LML18a, LD19a, LW19b, LWW19, LZ19e, LBB18, LRL18, LL17c, LZ15d, LZ17e, Liu18a, LJ15b, LjL15b, MZ15, MG15, MN17, MK15a, MC17, MHCF15, MW18, MF17, Mia17, MLW18, MG19, Miy17, MS15c, MS15d, NCEGA15, NB19b, NN19, ODP17, OA15, bOqGyK+15, PSY+17, PS18b, RRRR16, RSKB15, RS17a, RR18a, RMM19, RRV15, RG19, RGA19, SH15a, Sah19b, SCR+15, SM19, SA16b, SZ19a, SL15a, SHC+17, SDK15, SBLZ17, Sow18, SDWG19, Tan15b, TG16, Tch15, Ugu19, VK15, VK17a, WSdSY15, WqTjT15, WZ15a, WSZ16, WZWD15, WZLP18, WTUZ15, Wu17, WLWD18, jXlZX18, XY15b, XLW16, YLW15, YBZ18, YX19a]. **problems** [YU15, YP18, YWH15, ZBR15, ZSS15, ZS16a, ZW15a, ZZ15b, ZLL15a, ZL16a, ZT16b, ZZG17, ZZM18, Zha18c, ZjA19, ZY19, ZCZM15, ZQG16, ZM16, ZZC19a, ZVL19, dCSS17, MAJR19, GR19a]. **procedure** [ACTV15, DLJT16, SGM+16, ZZ19a]. **Procesi** [GYW15, WD16, ZZG18]. **Process** [EH15, Agr15, Arm19, BBD15, BG17, CR19a, EH14, FFG+16, GCLG15, GG19b, JLL15a, KM19, LPKS16, LZZ15, NBAGS19, SZO16, SSM+15, SWSS18, SHHC18, TZ18d, YZ19, ZWL+19]. **processed** [XY15b]. **processes** [CDL15, DGN16, GR17b, HJP16, KCKZ15, LMF17, Liu19, MDZ15, SZPH16, XHW15, ZL19a, ZL19b]. **processing** [AY16b, ABB+18, HGM15a, LR19c, Świ15, XRB17, ZXDP18]. **processor** [ZSK+19]. **produced** [Seg18, TH19]. **Producing** [Eft15, DY17, JA15, YYZ19]. **product** [AÇ18, AY16a, AK15b, BCD18, BS19c, CCGV19, DPSS16, FTF16, GLW18, GIK19, HHZ18, jJ15b, jJ15c, Jur17, KAI19, LZ18e, LWM18, LH19c, Mao17, MH19b, NKP16, PS15a, SDAB17, TXM15, ZZC+19b]. **product-type** [jJ15b, jJ15c]. **production** [Cov19, FFG+16, GS15a, WLLL15, YL19a]. **Products** [DDSL15, DSDL19, ANP16, CP17, GSV15, LMYW17]. **profile** [ZXC19]. **profiles** [Neu16, YW19a]. **profiling** [PVV+15]. **Profit** [DGLE17, Els17, KLW15, LTC16]. **Programing** [De 18, SJ19b]. **programmable** [KTD15]. **programming** [Alz15, CPS18, De 18, GW15c, HRS15, JLL15b, KLZT15, Lac15, LGL19c, MZ15, MCY19, NJTP19, PCW15, PABA15, ROGS16, SCR+15, UMF19, WqTjT15, WTUZ15, Gol15]. **programs** [CJ17b, CRZ19, GRS+15, KBK15, LHJ15]. **projectiles** [GCH+19]. **Projection** [EL19a, SST18, AJMN18, AKA19, Chi15, CKSV19, CRZ19, DN15b, DN16, EL19b, EL19c, GHL19, GVA16, Nak15, VS17, WY15b, Xu19e, Zha18c, ZZQ18, ZLZW15, ZSZW16, ZYZ+16a, dFGAN18]. **projection/GMRES** [Xu19e]. **projections** [BPR16, HZLY17]. **projective** [CZ15b, JZ15b, SGY+15, bWzZjH16, XXZ+18]. **prolate** [LDL15]. **proliferation** [WJHA17]. **Promote** [DHY+18, CCW19, SLS16]. **promotes** [CCW17, CZM+19, DZD+16, Du19, GSD+17, LSX19, LWWZ17, Moh19, SRJ+15, WJ19, WWSM19, XDG+19]. **Promoting** [YC18]. **Promotion** [CYGL18, CDZ+18]. **prone** [LVAB+16, MPLS19]. **Prony** [LW18a]. **Proof** [YG15a, BH15, LZY+17, PP12, PP15b]. **propagating** [RPJ+18]. **propagation** [BRV18, GJX+19, GYW15, GB19, KSD+15,

Kun16, LYDH18, MHR18, MR16a, PBBF18, SSG+15a, SV17b, ZWZT18]. **Proper** [CMM17, CLL17, GDL19, GXCY19, XYZ18, Zad16, ZZ18c]. **Properties** [DB17, LO19, Pac19, WLFX15, AZL15, ANU16, ABLZ15, AIK15, AR15, ALN16, BN15, BHRW16, Che16a, CW18, CK18, Dai16, DDdF16, Dim17, EA15a, FLMC15, HMHA15, JRSK16, Jar15, KVZ16, Kri19a, KZ15, LHHS16, LZ17g, MZ17, Mal15, MNR19, MS16b, MMS17b, MNJM19, NZZ16, Rét19, RS16b, SC18a, SSS17, SLF18, SBH16, SGG15a, Vis15, WLJ15, WZ19, YFL16, YDLK15, ZWD15, ZMZ18, Zha19c, ZM17, Zha15h, ZWL+19]. **property** [GYW15, PP12, PP15b, WHWW19, YLX18, ZJO+18]. **prophylaxis** [SG17]. **proportional** [CG19, CCZ15, GLL15a, HS15a, MHZ18, Reu15, Yu16]. **Proposition** [Cho19b]. **propulsion** [FTE19]. **protecting** [AKT19]. **protection** [PCA16]. **protein** [MPLS19, PBB18]. **protocols** [GFE19, LZjy18]. **protocooperative** [Tre15]. **prototype** [RLGGAV17]. **prototypical** [DKP16]. **provable** [HKW+17]. **provably** [KG16]. **provided** [SSB15a]. **provision** [QZL18b]. **provisions** [HI15b]. **proximal** [GOA19, LPW15, PL15d, ROGS16, ZWY15b]. **proximity** [CCX15, IZ16]. **PRP** [ZW15d]. **PRP-based** [ZW15d]. **Prüfer** [HV19a]. **pruning** [SNAR15]. **PSB** [CY16a]. **Pseudo** [HPR16, APL15, ALP15, Bot15, CPST16, CZP15, CH18b, HGL19, Jan15, MFC17, MRR17, PVL19, SPG17, Xy16, XBC19, ZHS18, ZSZW16, ZLL18, DG18b]. **pseudo-differential** [CPST16]. **pseudo-hyperbolic** [CH18b]. **pseudo-Jacobi** [XBC19]. **pseudo-parabolic** [ZLL18]. **pseudo-spectral** [HGL19, MRR17, PVL19, SPG17, Xy16, ZHS18]. **pseudo-splines** [MFC17]. **pseudo-transient** [Bot15]. **pseudoinverses** [XZS16]. **pseudoinversion** [SKK19]. **pseudoplastic** [HMHA15]. **Pseudospectral** [WJL19, ZjW19, GBJ19, GSV18b, JZ19a, Tan15a, Tan15c]. **psi** [CE15, Ele15, YCZ15]. **PSM** [ZHS18]. **PSO** [BS15b, Gar16b, NFS+15]. **PSS** [CY16b, LZ17c, ZZG17]. **PSS2A** [PN15a]. **Psychological** [WWC+18]. **PU** [ZM16]. **Public** [HHL+19, BM19a, hCWW+15, CCW17, CYGL18, CCW19, Du19, GlH+19, HI15b, LWGS17, LJR19, LWWZ17, QZL18b, WWW+17, WHC18]. **Publisher** [Ano19w]. **Publishing** [CCW17]. **Pullback** [DK15a]. **Pulsatile** [PP18a]. **Pulse** [Sab18, BM15a, MH15a, NE16, QLF15, MM04, SR15a]. **pulsed** [BKT16]. **pulses** [LWW15a, Ter15]. **punishing** [YC18]. **Pure** [LTC16, LMZ+19, MZM15, XCDZ19]. **pure-feedback** [LMZ+19, XCDZ19]. **purely** [HP15c, MMV16]. **pursuit** [SSK+19]. **put** [LW15a]. **pyroelectric** [YJY16].

QG [GR17a]. **QP** [LHJ15, LY18a]. **QP-free** [LHJ15, LY18a]. **quad** [WSC19, PAM19]. **quadrangulation** [SST15]. **Quadratic** [CÁGGLP16, De 18, ET15, LHWG16, AJ17, ASS16, Alz15, AADF18, BCO15, BBF+18, CGAL19, CL16d, CRZ19, Dar16, DGZ15, DEdlT17, GW15c, Gar16a, GKS16, GYC19, Han15c, JLL15b, JSG15, KK16a, KAMD18, LX18, LY16b, LY18d, LFC+19, MS16a, MPP17, NJTP19, PÖB15, RAH19a, SHH15, SST15, SZ18b, SGJS16, TPCL15, TTP19, UKE15, Val15, WqTjT15, WL18a, WLZ19a, WD19, WZ18b, XH19a, ZT16a, Zha15c, ZZZ15b, BFIJ15]. **Quadrature** [DLJT16, AHS18, APTS15, Bas19, CZ15a, GSV17, HZ17a, How15b, How16, LX19c, Ma15a, MRF18, MP19b, MD17, SHA15b, SHN16, TSJ16, Tho17, uRIS17]. **quadrature-based** [How15b, How16]. **Quadratures** [CM17a, GL15a, HMS15]. **quadric** [WD16]. **quadrifolium** [LB15a]. **quadrilateral** [HL18, LH17b, LY19]. **Qualifications** [De 18]. **Qualitative**

[AR16a, MWWM15, BMM19]. **quality** [RZR16]. **quantification** [DK15c]. **quantitative** [CCGV19]. **quantities** [SZ17]. **quantity** [KPLC15, RZR16]. **quantization** [XXW+19, XCY18, ZML+17]. **quantizations** [CL19c]. **Quantized** [KLKU18, RXZW17, SWSW19, XCL18, CLXW17, FYSC18, KSM+19, KML19, LCY16, MA16, YCX+19]. **quantum** [AR15, CLSS19, HYJ19, NNA15a, NNA15b]. **quantum-like** [HYJ19]. **Quartic** [KD16, AHM16, CGJV16, Han15c, Nav17, ZM15b]. **Quasi** [CKSV19, DT16, FHK+19, Har15, LGC19b, RV16, WY18, YLW19, AAGZ19, ALN16, ACC16, CCD18, DNC+17, FWZ19, GW15b, HHZ15, Ied15, Isc16, JK15, JPTL15, JLL15a, KwC15, KLS15, LX16a, LHHS16, MKS19, PN15b, ROGS16, SST15, SZL+18, TZ18b, VG18, WTXZ16, WD16, YLQ17, ZBR15, ZN15, ZYY17, ZZG18, ZH15b]. **quasi-** [JK15, YLQ17, VG18]. **quasi-analytical** [LHHS16]. **Quasi-Bernstein** [ZH15b]. **quasi-bicyclic** [FWZ19]. **quasi-birth** [JLL15a]. **quasi-conformal** [ZBR15]. **quasi-contraction** [PN15b]. **quasi-convex** [Isc16]. **quasi-coprime** [HHZ15]. **quasi-distance** [ROGS16]. **quasi-geostrophic** [CCD18]. **quasi-interpolants** [SST15]. **Quasi-interpolation** [RV16, GW15b, WD16, ZYY17, ZZG18]. **quasi-linear** [MKS19]. **Quasi-Monte** [Har15]. **quasi-Newton** [ZN15]. **quasi-Newtonian** [LX16a]. **Quasi-periodic** [DT16, ALN16, ACC16, DNC+17, KLS15, WTXZ16]. **Quasi-projection** [CKSV19]. **quasi-residual** [TZ18b]. **Quasi-semiregular** [FHK+19]. **Quasi-state** [LGC19b]. **Quasi-synchronization** [WY18, LGC19b]. **quasi-variational** [Ied15]. **quasi-Wilson** [AAGZ19, SZL+18]. **quasiconformal** [SA18b]. **quasilinear** [TMS15, ZMT15]. **quasilinearization** [VRC15, VK15, VK17a]. **Quaternion** [ACKS16, yWyLyY+15, BDE+15, HWZ17, Kyr15, Kyr17, LGC19b, LCJ15, PAM19, QBC19, RWH15, SWY18, TLX19, TZD+19, XzXqT+15, ZWLZ15, Zha16d]. **Quaternion-valued** [ACKS16, LGC19b, PAM19, QBC19, TLX19, TZD+19]. **quaternionic** [EÖ17, ZJJ15]. **quaternions** [LCJ15]. **Quenching** [Zho17, Bea19]. **queue** [Amm15, CSA18, KKD17, SJ19a, SJ19b, Upa16, YLW16, ZWD15]. **queueing** [KGGAV+18, DKDD15]. **queues** [JBS15, PD15, Shi15b]. **quicker** [You15]. **Quickest** [KPP18]. **QuickhullDisk** [NSR+19]. **Quintic** [AK18b, LX15, Bej17, KAI19, KD16, Tho17, WTSQ15, YWL18]. **quipus** [GKS16]. **quotient** [DBJC17, Mor15]. **quotient-difference** [DBJC17].

R [Pan15, CBGGV17]. **R&D** [ZZ19b, ZZC+19b]. **Rabinowitz** [GS15b]. **Rachford** [BCH15, LZ17a]. **Radial** [LL16a, XHW18, ZMBJ19, ZGZ16, AD17, BH17, Boy15, DA17, GN15, HAC18, HH18a, KKT15, LLC19, RPB15, SJ18, SN18c, Su19, YDCS15, ZHS18]. **radially** [HLLT15]. **radiating** [SPGP18]. **Radiation** [AAC16, MS18b, SBH16, XP17, DME+15, DMS+18, RMD18, RPJ+18, SMG+18, UHLM15, YWYS18]. **Radiative** [HLC+17, CKG+16, EM15, HCY15, PMV16, SE18]. **radiative-conductive** [CKG+16]. **radical** [YF17]. **radii** [KLQY18, LMZW16]. **Radio** [Oli17, FXC17]. **Radius** [AS19b, CZ17a, CLWM19, DGF17, HLW15, HMGC18, LWM17, LCM19, LSZ15, XLYZ19, ZL16b, ZS14]. **Rainbow** [ML17, BS19c, Che18b, LLS15, LLW17, LT19, MNJW19, SRT18, SJL17]. **Ramanujan** [Che15a, Che18a, LSM15, MV15]. **ramp**

[AKR15]. **ramp-type** [AKR15]. **Ramsey** [Jin17, LLL19c]. **Randić** [AG15b, CZ17c, DD16a, GA18, LL15a, LY15b, LBRS18, Shi15a, STD15]. **Random** [BCD+19, ES17b, MX17, AK19b, CÁGGLP16, CCNQ19, CCJ15, CCL+16, CNQRR18, DLY+17a, DKDD15, Gat18a, Gav15, GDL19, LHHS16, MA16, MPS15, MT15, NRAEC19, PTBN19, PRD19, SS19b, SHEBS19, UPMV18, Wan17a, WQK15, WGL18, WL19a, WYZ+17, YCD17, ZZ16b, ZWL16, ZTW16, ZXDP18]. **random-keys** [ZXDP18]. **randomized** [VMLO19]. **randomly** [HXW+19a, LMW18, MC15a, WZYS15, ZML+17, ZMC+19b]. **range** [GLS16, GLS19, LLT19, MM15a, MAR15, Zha18a]. **Rank** [JT17, AL19, AP18b, BCSG18, FHLL19, HZ16, LL17a, LWZ15, QY15, WHM+19, WL17, ZYH15, Zhu15]. **rank-two** [AP18b]. **Rank/inertia** [JT17]. **Ranking** [Rez15]. **rankings** [AGM16]. **rapidly** [DEK15, lDqCWzH18, HCY15]. **rarefied** [FFG+16]. **Rate** [IAK15, YSWZ17, BR15, CKW17, dCCGV15, CP15a, CLR16a, CZM18, CDL15, Fan18, GS15a, GS17b, KSP16, LC15a, SZ18b, XGQW19, ZYSL19, ZZ15d, ZL17b, ZMH18, uRAD19]. **rates** [AK15a, HL15a, JGKL16, Mi17, QG16, XKG15, YSL18, ZKKZ18, ZDF17]. **ratio** [CSA18, HL15a, HYZ+18, KB17, LKM17, PL18, QM15a, SL15b, WPL15, Zam19]. **ratio-dependent** [HL15a, HYZ+18, PL18, SL15b, WPL15]. **Rational** [dCM16, Far16, ZEF19, ZM15a, AQ18, CLC+19, FKV16, Fuk15d, Fuk15b, Gra18, Han15c, Han18, IKHS16, IS17, KCK19, LZS15, LLz18, LCW19a, LLdM15, MZM16, MRQZ19, OW18, RSKB16, SS18a, SS15a, TW15a, TF18, YF17, Zad16, Zha15c, Zha17b, ZX15, Zhu18]. **rationality** [Els17, HZYW15, PL15c, Ued19]. **Rationalized** [Bag19, EGB15]. **Ratios** [CIPT15, AF15, Che15b, GS18b, KS19b, LWW19, SK15]. **Raviart** [YBZ18]. **Rayleigh** [GM19]. **Rayleigh-Love** [GM19]. **Razumikhin** [CC15]. **Razumikhin-type** [CC15]. **RBES** [RLGGAV17]. **RBF** [GM17b, KC19, ODP17, PeO18, Su19]. **RBF-collocation** [KC19]. **RBF-FD** [GM17b, ODP17]. **RBFs** [ZYY17]. **re** [SSGG17, SY18c, YZ15c]. **re-infection** [SSGG17]. **Re-nonnegative** [SY18c, YZ15c]. **Re-positive** [YZ15c]. **Reachability** [ZZ16c]. **reachable** [LXW+18, TNPL15]. **reactances** [BB18b]. **Reaction** [ZHW+18, AAA+15a, Ata16, Ban18, Bea15, BKW18, Bho15, BHM15, CG15, CDL19, CD15d, CJ16, EFPT18, FSW16, GN15, GPHAPRW16, KK16b, LRF+18, LC16a, LCAA17, LZCW18, LRL18, Mou15, PST18, Pol19, PCS17, RW17, SHA15a, SZ19a, SMG+18, TTZ+19, TDL+17, VD16, WZZ18, WA18, WM18b, WSYL18, WNW+19, ZNV19, ZPZ+19, ZRLX19, ZTW16]. **reaction-convection-diffusion** [PCS17]. **reaction-diffusion** [Ata16, Bea15, Bho15, BHM15, CG15, CDL19, CD15d, CJ16, EFPT18, KK16b, LC16a, LCAA17, Mou15, PST18, Pol19, SZ19a, TTZ+19, TDL+17, WZZ18, WSYL18, ZPZ+19, ZRLX19, ZTW16]. **reactions** [Mah19]. **reactive** [CVJ19, KB18]. **reactor** [Sah19b]. **reactors** [Ber17]. **reagent** [JMK17]. **Real** [PG15b, WWZ15, AL18d, BCSG18, CCYT19, CMR17, CM15b, DO17, GBS15, HS17, LS15a, LZ15a, LWSX18a, LCW19a, LABK15, Lin15, QZL18a, RWH15, TES15, VB15, WLJ15, ZWZ19a]. **real-** [AL18d]. **real-parameter** [LABK15]. **real-rootedness** [CM15b]. **real-valued** [ZWZ19a]. **real-world** [LWSX18a]. **realistic** [GGAVGGRC15]. **realization** [GCAA18, SGJS16, SMM18, YYL19, ZY18a]. **reappearance** [XSS+17]. **rearrangements** [EFL18]. **Reasoning** [LWGS17]. **reciprocators** [FK18b]. **reciprocity** [HL15c, KWT15, NT19, Tan17b, WWN+15]. **reckoning** [TTP16]. **Recognition** [TH19,

GS19, KSS19, SHLL18, TWF+18, VK17b]. **Recognizing** [LVAB+16]. **recommendation** [ZLZ+19]. **recommender** [DR19, HRLGÁ18]. **reconstructed** [SCS+15]. **Reconstruction** [DDH18, HLH17, KWGRP16, Liu16a, PS16, YLH+19, ALMCDH+18, ASKK19, CTT+19, DG18b, DS16b, FHPV18, GK16a, Guo16, KNK15, LDSD19, MPR+17, SDK15, UHN+18]. **reconstructions** [WYLG19]. **recovering** [WW19]. **recovery** [DG18a, FNS19, LYXL15, YLX18, YP18]. **recruitment** [MM16]. **rectangle** [BGMZ17]. **rectangles** [GSV17]. **rectangular** [BM18a, cCpSkZ15, CLT18, HG18, KM15a, LR19b, LZ17f, MWY15, MB17, PSY+17, SLW16b]. **rectilinear** [CGK+17]. **recurrence** [CW18, WN15]. **Recurrent** [WMS17, WHX18, WZC17]. **recursive** [CFdCdS18, KTD15, LW18b, NMS+18, PBMP15]. **recursive-partitioning** [PBMP15]. **red** [AZL15, PW19b]. **Redistribution** [Du19]. **reduce** [GW15c]. **Reduced** [Far18a, Gao18, SLWX15, UHLM15, YLCW18, AP18b, CVMGPPGC15, DQH18, DMA+19, KSL19, LHLL19, LJC16, LT18b, MM18a, NRAEC19, OA18, PY19b, SB16, Xu15c, YUK19, YJSW16, ZZ18c]. **Reduced-order** [YLCW18, DQH18, LHLL19, LJC16, LT18b, PY19b]. **reduced-space** [NRAEC19]. **reducibility** [KLS15]. **reducible** [Yue16]. **reduction** [AHG15, BBF+18, BZ15, CJ16, DHQ19, DLjZ18, FMC15, GLW17, GR19b, GLA+17, GIS18, IB15, KAU15, Kud19b, QTF+16, QYF+18, SY15a, TTP19]. **Reductions** [RRM16, TB15]. **redundancy** [SSS15]. **redundant** [LLZ+19, MND+15]. **reference** [DZD+16, FXXC19, ILP+15]. **Refinable** [CEMR16, HR16, Rom19]. **Refined** [JDL15, BLM+16, BJM16, SST15]. **refinement** [BDH16, KKAK15, KKS+16, PP12, PP15b, Raz15, ZWF15]. **reflection** [CT17a, YJY16]. **reflective** [DMR15]. **reformulated** [JQL15, MMDG16]. **refuge** [JAU15, KB17, ZCFW19]. **regard** [Rét19]. **regarding** [Du17b]. **regime** [AHK+19, HW17c, KRF17, LJS18, ZJO+18]. **regimes** [GYW15, LL18c]. **region** [FLS18, LP16b, PZ16a, FMRRT15]. **Regional** [CGCK19]. **regions** [CJN19, LZ19c, MO16, MPLS19, PBMP15, SKA16]. **registration** [AHLR19, HW19]. **regression** [CLR16b, CL18, FFTB16, GZ18, Lah18, LK19b, SY15a, SZ18b, YSD+17, ZBKS16, Zam19]. **Regula** [SM15d]. **Regular** [Ugu19, VZ18, APS16, Deh16, GWX17, Jin17, LYW17, PSPÁV15, SZL+18, TLZ+19, WX18]. **Regularity** [WL19a, YLL18, CCD18, CXW18, HMW16, Qia16a, Qia16b, RG18a, YZ17b, Zha17c, ZWaY18]. **Regularization** [ASS16, BPZB18, CPST16, CZLM18, DGZ16, FLMR18, JSG15, KRS18, RR15, Red19, SGJS16, TZF15, THM19, XCHW16, XX19b]. **Regularized** [WZC+18, ASKK19, CPP15, GM15a, Gon18, HEA15a, HEA16, MC17, SHLW16, SW17c, WDG19b, YWRP16, ZZ15a, ZN15]. **regulariztion** [LL17a]. **regularly** [BHRW16]. **regulated** [ACC15]. **regulation** [FLYG18, ZWY19]. **regulatory** [CWD+19, HXW+19b, JPZ+19, LZG16, ZZZ15a]. **reinfection** [ATN+19]. **reinforced** [KKG18, LZL15a, LZL17, MT15, NKKK18, WR15, ZLL15b]. **reinforcement** [ZZMS19]. **reinsurance** [MLS19]. **Reissner** [RCM15]. **rejection** [GWSC16, KSM+19, LNWS18]. **relapse** [ELP+18]. **related** [APK15, CP15b, Che16b, CP17, DAS17, DB18, DD19, DWS19, FFN18, GHM18, KR15, LL17b, MR19, PAK15, RRTR15, SDAB17, SGG15a, WL16b, Xu15c, ZZ16a]. **relatedness** [ES15]. **relation** [CXL16b, DY15]. **Relations** [DGNA15, XGG18, DÖA15, EJF15, GYY18, HLT15, JCX19]. **Relationship**

[FHLL19, NC16]. **Relationships** [DY15, NY18]. **relative** [BF15, Bor15b, Els17]. **relatively** [Nak15]. **relativistic** [AR15, CY15b, MM15a]. **Relaxation** [KL16, AHP19, AL18d, DB16, tFyZZ15, Fan15a, Gon18, HZ16, JLL15b, Kim19, Kri19b, LJS17, MTJ15, RNM15, SRBA15, WZLP18, YJW16, Yun15, Bor19]. **relaxations** [CJ17b]. **relaxed** [tFyZ15, FZLZ19, HMX15, LZ17c, LZH+18, Zha15b, ZZG17]. **relaxing** [WwQqTW18]. **relay** [FXC17]. **release** [CGPT15, KA15c, MBM16]. **Reliability** [NS15b, DMP19, Elm15, LXPD15, LH19c, PWFY18, ZXL15]. **Reliable** [LMW18, MC15a, SAM+16, SKKL17, KWGRP16, LPKS16, RS15a, SRSZ15, SWZ+19, YSZ19, ZPZ+19]. **ReLU** [LWWL19]. **Remanufacturing** [WLLL15]. **Remark** [MMM18, LB15b, LTL16, TZ19b, YLX18, YZ17b, Zha15g, ZL19b]. **Remarks** [DIS17, OGC19, Qia16b, Yos19, ZWaY18, AZL16, KST16b, LZZ+19, Sza15, Tom12, Tom15]. **remission** [KG15]. **removal** [KGGAV+18, BPZB18, KMS18, SHLW16, WHM+19]. **renewable** [WLL+19]. **Renewal** [Zha18d, KGGAV+18, CLW18, MM16]. **reorthogonalization** [LG19]. **repair** [KLW15, MJSA19]. **repairable** [NS15b, ZXL15]. **repairmen** [KLW15]. **repairs** [YLW16]. **repeated** [CYSY16, EEST16, HZK+19, HI15a, SMZ+17]. **repetitive** [SSKA16]. **replacement** [HL15c]. **replenishment** [PMSB15, RZR16]. **Replicator** [WHC18, TES15]. **reporting** [HCS19]. **Representation** [KNT17, Pos17, AZ18, ALQ15, CN19a, GI15, KKT19, Kra18a, MMS17b, SDGU16, SHLL18, TG17]. **Representations** [PS15a, ZL19a, CGPR15, CN15a, DYW15, GT15a, Kyr15, Kyr17, MS19b, MD18b, SR16a, Vis15, ZC18, ZL19b]. **Representing** [YCH19]. **Reproducing** [BAV18, DWT17, ASASM16, AP19, And18, DWTT17, FB19, GQC15, GFG15, KMBA18, LWT+15, LLW19, SAA19, TG16]. **reproduction** [GCLG15, YG15a]. **repulsive** [CVA18]. **Reputation** [CZM+19, LSX19, WWW+17]. **Reputation-based** [CZM+19, LSX19]. **required** [PZ19]. **requirement** [PLL16]. **research** [FLS+15, FPKF15]. **Researches** [YSZ19]. **resembled** [DL15b]. **reservation** [DKDD15]. **reservoir** [NFS+15, RRT15]. **Residual** [NI19, BÇS15, BD18, BF15, IH15, LG15, LjL15b, TZ18b, Yüz16b, ZW15d]. **residuals** [VS19]. **resilience** [AAE19]. **resistance** [HZL18, LTC16, SWA+19, TDS15]. **resistance-distance** [HZL18]. **Resistances** [JY19]. **resistant** [Vid18]. **resistivity** [Sar17]. **Resolution** [BR17, Cho18, MT15, uIHA18, Tan17b, Ino16]. **resolvent** [AR16a, Far18b, TB17a]. **resolves** [LSLL19, LGL+19b]. **Resolving** [GlH+19, SRGW15, TT16]. **Resolving-power** [SRGW15]. **resonance** [JS15, Jia15, RS15d, Uzu17, WXZ18, XJZ19, YWL18]. **resonances** [FG18]. **Resonant** [Har16, ZLH16]. **resonator** [PFH+15]. **Resource** [YZ15a, DCK+18, QTXY16, WHC18, Wan19b]. **resources** [ARR16, LJ17, LWZ18, WLL+19]. **respect** [AH18b, BMR17, GA17, Jur17, KA15b, LXPD15, LQZ16, LWG16, LW18e, Tep19, Wan17b, YW18a, ZL16b]. **respecting** [PKHD18]. **Response** [KS19b, BN18, Ber15, BF16a, hCWW+15, DDD19, FFL16, Hac17, Kha17, KB17, KCK18, LXZ19b, Nak18, RCM15, RS15d, SL15b, SH15d, WPL15, WJHA17, XXZ+18]. **responses** [CWFL15, LWGS17, MRF18, RRT15, WGLZ16]. **Restarted** [LH19b]. **resting** [LZL15a, Rad15, ZLL15b]. **restoration** [CC18a, GK16a, WLZ19a, ZHW+18]. **restoring** [YD18]. **restrained** [SLW16b].

Restricted [BMRW19, BGMO18, BM19b, LpLxG18, SPGP18, SG15, YLX18, ZGL15]. **result** [BMO15, HW18, LLW17, LXZ19a, MAG15, Mis16, ND15, WwQqTW18, YCYL18, YL19b]. **resultant** [QYF+18]. **resulting** [Che15b]. **results** [AB15a, AN15, BS19c, CLL16, CHRD16, CLS15, CLQ16, Du17b, ES17a, GW16, GWW15, GS17b, JHWZ15, JSW+18, KS18, Kim15b, LRF+18, LS15a, LWM17, LL15f, MCS+19, MRC+18, MCO19, MHZ18, MPP17, MAK15a, MAK15c, Our16, RDLG16, RZD+19, SLZ17, SAT15, WM15, WJZF19]. **retail** [ZW15c]. **Retailer** [SCB15, MBM16]. **retarded** [AED15, Bou18, CÖ15, JS15, LW19c, DFG+19, Pi15]. **retinal** [ARACCA+18]. **RETRACTED** [Rho14]. **Retraction** [AZ19, EH15, FMB+19, Rho19]. **retrial** [KGGAV+18, DKDD15, JBS15, PL15a, PD15, SJ19a, SJ19b, Shi15b, Upa16]. **returns** [FHM16]. **reversal** [NEK18]. **Reverse** [Mos16, ZHWW15]. **Reversibility** [HPR18]. **reversible** [CFSGM17, CN19a, SdR19, TZ19a, XH19a]. **reversion** [ZBL15]. **Review** [HYL+19b, WWSM19, FPKF15, Tor16]. **revised** [JLW18]. **revisited** [AAMCSV18, CD15a, CCR18, DESS15]. **revolution** [WF15a]. **Reynolds** [ACG19, WF15a]. **RHC** [GXLL19]. **rhythms** [HGG16]. **rib** [ATK+16]. **rib-microchannel** [ATK+16]. **Ribiére** [AKA19]. **riblet** [DMA+19]. **Riccati** [DLQ17, Gua19, KS16a, PST18, Sug17, WSZ18]. **Riccati-type** [Sug17]. **Rich** [CSWJ15, Wan15a, Moh19]. **Richards** [KMP15, RRTR15]. **Richards-type** [RRTR15]. **Richardson** [SN18a, SN18b]. **Rickart** [MM17]. **Riemann** [ARL15, AAMCSV18, BKLW15, CS19, DT16, HL17, HXM18, HSSH18, KSZ15, MR19, STVCC17, Tha18b, WBL17, YW16, ZLD18, ZM19]. **Riemannian** [BF15, Fio16, QA19, SA19]. **Riesz** [CDL19, MDHD18, ZLD18, Zha18b, ZLX19]. **Rift** [PTA16]. **right** [ACMT15b, ACMT15a, Kac15, LQ15, LJ19, SLF18, YZ19]. **right-hand** [ACMT15a, Kac15, YZ19]. **rigid** [BCSG18, HWY15b, XJW17]. **rigid-flexible** [XJW17]. **Rigorous** [GYW15, LY15c]. **ring** [RSO+18, SLF18]. **rings** [MM17, RD15]. **Ripa** [SLdLD16]. **Risk** [PCW15, ASV17, CLL+15, CLW18, DKZ16, GLL15a, HCS19, HHR17, HD16b, KCKZ15, LZX15, LL17b, LY18c, PK15, RP19, SPP17, YLZT17, ZH17, ZXD15, HW17c]. **risk-dominant** [YLZT17]. **risks** [WL16d]. **Ritz** [FY18, ZLL15b, ZZLY15]. **RKN** [LD18a]. **RLW** [HP15a, WMSP19]. **Ro** [BHD18]. **Ro-vibrational** [BHD18]. **robbers** [WWW15]. **Robin** [All18b, CL19a, RGA19, Sap18, SR17, YÖ18]. **robot** [ZLWS15]. **robotic** [dSH17]. **Robust** [CTT+19, CWHY15, CCL+16, DCJ19, GSPH19, KRA+18b, LCY16, LSLZ18, LZ18c, LGCS19, LGK15, LNWS18, MJL16, NPT19, QZCJ19, RSLL+19, SM15b, SY18a, SSS15, SLS+18, TN19, VMLO19, WLZY17, XZLL17, XXZY19, YCX+19, YSD+17, YmZHC15, ZSS16, ZCZM15, ZMC+19b, ZYWW16, BAR18, CLX17, CXP16, GLYT16, GN19b, JAN16, Kim19, KSZ15, LAVME18, LSZ+18, OA18, PAM19, PC16, SH15b, XKWG15, XS19a, XCY18, Zam19, ZWY+15a]. **robustness** [JCX19]. **rock** [DY17]. **rock-scissors-paper** [DY17]. **rocks** [ES17b]. **rods** [Xu19b]. **Roe** [Kem16, Pel17]. **Roe-type** [Kem16, Pel17]. **Roesser** [AAS+17, Che15e, IKMW15]. **ROF** [CCC+17]. **Rogue** [ZLH16, ZSX15]. **ROI** [BPZB18]. **Role** [ARV18, KB17, Sah15, ZY16, De 18, KN19, PC17, SG17]. **roles** [WL19b]. **Roman** [YWLL18]. **room** [CFS18, GW19]. **Root** [GL15a, GKN16, How15b, LKM17, MWH+18, PH17, PV16, Raz15, SA16d, WWZ15, ZWY+15a, vLtTBI18]. **root-finders** [vLtTBI18]. **root-finding**

[How15b, PH17, PV16]. **Rooted** [GSV15]. **rootedness** [CM15b]. **roots** [BCMT15a, CP15a, dCM16, CN15c, LCW19a, LSZ15, NCS16, QZL18a, SB15, SM15d, VLCT18]. **Rose** [BK18b, GJX+19, LWZ+19b, PRA+19]. **Rosenau** [AO15c, HP15a, WMSP19]. **Rossby** [LFY18, ZYLY19]. **Rossiter** [DeC19]. **rotary** [MTB18]. **rotating** [Che15f, DDY15, DS15, HYL+19b, ILP+15, SMR15, YJY16, Zha15a, ZWM16]. **Rotation** [OTH16, BGSCGL19, Far16, HYL+19b, KK15b, LAVME18, PAK15]. **rotation-minimizing** [Far16]. **rotation/curvature** [HYL+19b]. **rotational** [HQJ+15]. **rotationally** [SLW16b]. **Rotations** [DRS16, ILPE17]. **rotor** [WLJ15]. **rough** [HLFZ19, San16]. **routines** [FFTB16]. **routing** [GWC+16, HRLGÁ18, ZLLP18]. **row** [Pal15]. **RPIM** [MWLL17]. **Ruin** [LZZ15, DKZ16, LL17b, MSH15, RP19]. **rule** [AZL15, KPLC15, Li17c, LW18c, LX19c, MZP15, NT19, QXW19, SdR19, SWY18, XDG+19]. **Ruled** [LLJ19]. **rules** [AGC19, APTS15, BN18, DAQI15, GGAVGG+18, HZ17a, Red19, RLH15]. **Rumor** [TD19, BGS19, LJYH19, LWY+19, Lu19]. **run** [GHN+16]. **run-up** [GHN+16]. **Runge** [ABI19, AAH19, BdS19, CWL19, FT16, FT17, FKR15, HMD19, LZ16, Li18, LS15b, MD15a, QZL+17, RN18, TLL16, Tan18, TZ18c, TSZ19, TZ19a, Tsi19, WY16, YNMW16, ZS15b, Zha17a, ZS19a, ZZX18]. **runtime** [AD15]. **rupture** [LYS17, LG18, WYL+19b]. **Ruscheweyh** [LO15]. **Rushton** [CKKF16]. **RVT** [SHEBS19].

s [ABGL17, DH17, GSPH19, KSM+19, KRA+18b, LSLZ18, LZWZ19, Zha19b, ZLW18]. **s-consistent** [ABGL17]. **S-DDM** [ZLW18]. **Sabin** [GK16b]. **SABR** [LGO17]. **saddle** [CY16b, CL19b, CC16, CM15a, DLF15, tFyZ15, tFyZZ15, FZLZ19, HM15d, HMX15, HM15b, HWXC17, HM18c, KM17a, LW15c, LWK15, LSjL17, LZ17c, LZ19e, LL17c, LJ15b, Mia17, SL15a, TXM15, WLLK17, YLW15, Yun15, ZLL15a, ZZG17, ZM16]. **saddle-point** [HM15b, TXM15, YLW15]. **Saddlepoint** [Gat18a]. **Sadia** [PK18a]. **Saeed** [WL18a]. **Sage** [ABMBR15]. **Sakiadis** [MS17a]. **Salagean** [LO15]. **same** [ATN+19, CFSGM17, GKS16, ND15]. **sample** [DLQ17, OLZ19, YSF16]. **Sampled** [LLX+19, WHWW19, ZZLZ17, CCL+16, Dan18, GWWL17, GSPH19, KRA+18b, LXC+19, LS19c, MLSX18, OLZ19, SKKL17, SS15c, WZAF15, WSH+18, WCB19, YCX+19, ZZL+18a]. **Sampled-data** [LLX+19, WHWW19, ZZLZ17, CCL+16, GWWL17, GSPH19, KRA+18b, LXC+19, OLZ19, SKKL17, SS15c, WZAF15, WSH+18, WCB19, ZZL+18a]. **samples** [PS16, Rog19]. **Sampling** [AQ15, CCGV19, MS15a, RLSGFMMF16, SWZ+19, YWS+19, ZZZY17]. **sand** [DQW+19]. **Sard** [HMS15]. **Sathre** [Mor15]. **satisfied** [Kor18]. **satisfying** [SGMH16, YCH19]. **saturable** [WW16b]. **saturated** [Jai18, LC16b, MKN15b, NM19, RL15, SZJ19, SML+15]. **saturating** [LLZ17, SCM19]. **saturation** [FM16, LLY19, LLX+19, MFJZ15, MJL16, QG16, QKGW18, SJWK18, SLLC19, XGQW19]. **saving** [PSP17]. **savings** [FHM16]. **Sawada** [WXW18]. **Saxton** [GLW15]. **scalability** [SB16]. **scalar** [AAH19, Bac15, BB15d, CS16a, CYSY16, Gla19, HZK+19, SMZ+17]. **scalarization** [ROGS16]. **Scale** [AKK15, BGSCGL19, AO19, CK17, CLSS19, DCW15, DKP16, DNC+17, FA15, FFTB16, HLFZ19, KÇ18a, Kar19, LG15, LWGS17, LMMZ18, LSL19b, PR15a, QTF+16, RF18, SLWX15, TTD18, Wan17a, WL19b, WWHZ18, XZLZ17, ZWZ19a, ZW15d].

scale-free [SLWX15, WL19b]. **scaled** [LCL17a, MSH15, NAM18, ZJYD17]. **scales** [AR16a, AY16a, DWZ15, Gol19, HO15, LT15, NDZ15, Pac19, Reh18, SZ19b, SZ17, WA15a, WHX18, XH16, ZWK16]. **Scaling** [SCN15, DLH15, OP19, SSN15, WSdSY15]. **scalogram** [BBFJ17]. **scattered** [ACD18, JCW+15, MH19b]. **scattering** [ANU16, AAC16, KDS16, LG18, LWSM16, QBNF19, RDM19]. **scenario** [JYVS15]. **Schauder** [BZ15]. **Scheduling** [GYY18, Abd15, Chy16, HSKHA15, MTY16, MMB15, PGLG17, WYW16, XYZK15, XY15b, YJYH15, ZXDP18]. **scheme** [Ach19, AU15, ACRZ18, ABGL17, ADS16, AD19, AAMC19, BCST19, Bho15, CXL15, CDL19, Cho18, CT15, CT17d, DN15a, DC16, EO18, EdLC18, GGHL15, GR15a, GfSmL16, HJMB18, HEA15b, HW19, HK15, HFCS16, HP15a, HP16, HKW+17, HJKP18, Hua16, JAN16, KC19, KB18, KNK15, KG19, KE18, LP15a, LLCR15, LCQ15, LW18f, LZ19c, LR19c, LYZ19, LCL17b, LWWL19, LT18a, LJC16, LT18b, Maj18, MN17, MO16, Mis16, NRY16, OL19, PZ17, PFH+15, PP12, PP15b, PCS17, PN15b, QZL+17, QXW19, RR18b, RC17a, Red19, RS15b, RS16a, SLdLD16, SMI18, SLC18, SR17, SzSC19, SWL16, SPG17, SN15c, SuSB15, SSJ15, TST16, TY18, TTP16, WXY15, WJWX18, jWgX18, WDG19b, WRX+19, WZK15, XW19, XCL18, Xu19c, YMD15, YNMW16, ZEF19, ZSY17, ZZY18, ZJJ18, ZZ18c, ZZMS19, ZZL18b, ZLX19, ZZ17b, ZLW18, ZSY18]. **schemes** [AP18b, AK19b, AO15c, Bej17, BR16b, BS19b, BVJ15, BMRS18, CWG15, CCY19a, CGM16, CCGP16, CZ17b, Cho19b, CL19c, Cui15, DB16, Ewa16, eFJY17, FM18, GCMR18, GIS18, GLL15b, HM17, HGL19, Kem16, LL15e, Li17b, Lin19, Liu15a, DPL18a, MVS19, MVRV19, MH19b, NI19, NS17a, PSSX17, PP19, RF18, RLZ19, RS15c, RzS15, SdA18, SSS17, SN15a, SBL16, SuSR15, SuSR16, STA+18, SzShG16, TZH15, Vab15, WYLG19, WLQ+19, YGZ19, YG18, YU15, Yos19, ZB17, ZZS+19, ZZX19, ZCCL18]. **schlieren** [GG18]. **Scholes** [HH18a, RM18a]. **schooling** [MMS18]. **Schrödinger** [ZZL15a, ACE19b, AL18d, AHK+19, BW15a, BBCI18, CLY17, CCY19a, CY15b, DLjZ18, ES17a, Esl16, Fau17, GS15b, GR15b, HGH19b, ID19, IS17, JZ19a, KAU15, KKT19, Kor18, KNT17, Kra18a, LdCM19, LZ18b, LJL18, LSZF18, Lin19, LW18h, MZ17, MLT17, RWW15, SLW15, SLW16a, SPG17, WW16b, jWgX18, WX19a, YY15, ZA16, ZLL15c, ZZY+17]. **Schrödinger-type** [ZA16]. **Schur** [LZZT18, LpLxG18, NC19, RMSD16, SX15, Xu17b]. **Schur-bounds** [SX15]. **Schurer** [Acu15, AFK15, BM15b, KIAG16, MS16b, SIA15, CZ16, KS18]. **Schwartz** [MBHS18]. **Schwarz** [AL18d, MNNP19, ZGL15, Zha18a]. **science** [CST+15, DZY+18, WWR+15]. **scissors** [DY17]. **scroll** [GMOGCCC15, SSPCPG+16]. **SCW** [WZ16b, ZW15e]. **SDD** [CEP15, LLL17b]. **SDE** [GLM16]. **SDEs** [Prz15, YG18, Yue19]. **SDFEM** [LZ15d, Luk15, ZL16a]. **SDP** [CJ17b]. **SE** [HDG15]. **SE-DEA** [HDG15]. **seal** [WLJ15]. **seal-rotor** [WLJ15]. **search** [Abd15, BFJ+17, BK18d, DLH15, FIG+19, fGlHyL+15, HMF15, KKST16, KVS15, LCW+18, LF15, LWWW15, MZ15, MHZC15, MKG15, MJSA19, NRAEC19, PTO19, PZ16a, RRTR15, SRH15, VVD15, WCZ15, ACC15]. **searches** [FFGRSV19, GTBC18, LG15, RMA15]. **Searching** [LS15b]. **seasonal** [WXP16, WF15c, ZSW+17]. **seasonal-influenza** [ZSW+17]. **Secant** [AM15e, MA15b, BK18d, CFR18, EHVV15, HVR16, WCZ15, ACMT15a]. **secant-like** [EHVV15, HVR16]. **Second** [DÇO15, DNC+17, GFE19, LL15e, LY15b, LSL19b, ML15, ABL15, AÖ16, AZL16, AZ18, AM15c, ASASM16, AADLF15, Alz15,

AS15, ASM16, BMM19, BDGS15, BS19b, BHRW16, Can15, CDJ19, CC18b, CLWM19, CNQRR18, CZ15c, DA17, DGZ16, DWZ15, DJL17, DBV18, DQ18, FK17, FM17a, FT18, FJ19, FR16, FM18, GY15, HWY15a, HK18a, HPR16, JYS16, LL15c, LZ17b, LZjy18, LZ18a, LD18a, LZ19b, Liu15e, LCL17b, LS19c, Lv16, Lv18, MRE18, Mic15a, Mic15b, MMZ19, MGMM17, MSL15, Mus18, Özb15, PMC15, Pi15, PS15b, RRM16, RSKB16, RR18a, RN18, Rem18, Rom19, SWUE19, SM16, SSCX18, SWL16, Sug17, SD19b, TZF15, Tua15, WA15b, WS19c, YCZ19, YTH19, YJMH18, Yüz18, ZPRZ18, ZZCY16, ZJ15b, ZYLY17, ZZL18b, ZZQ18]. **second-maximum** [FT18]. **second-neighbor** [FJ19]. **Second-order** [DNC+17, GFE19, LL15e, LSL19b, ABL15, AZ18, ASASM16, Alz15, ASM16, BMM19, BS19b, CDJ19, CNQRR18, FR16, HWY15a, HPR16, JYS16, LZ17b, LZjy18, LZ18a, LD18a, Liu15e, LS19c, Lv16, Lv18, MGMM17, RSKB16, RN18, Rem18, SSCX18, Sug17, TZF15, Tua15, YJMH18, Yüz18, ZPRZ18, ZJ15b, ZYLY17, ZZL18b]. **section** [AAF15, CT15, CT17d, FFH+18, PP12, PP15b]. **sections** [SV15a]. **Sector** [DKP16, ARR16, JZ19b, LLLZ16]. **sector-bounded** [JZ19b]. **Sector-delayed-Hopf-type** [DKP16]. **sectorial** [CLL16, WIF15, ZZ15b]. **sectors** [Gar16a]. **secure** [WZK15]. **security** [FXC17]. **sedentary** [WC16]. **seed** [LTC16]. **seeking** [Sha16a]. **Segel** [ZZZ16]. **segment** [ZWZ19b]. **segmentation** [ARACCA+18, AD15, EGH+19, LL16a, TM18, TDA17, YSX15, ZPRZ18]. **segments** [CGK+17, WGL15]. **segregation** [SZO16]. **SEI** [DTJ18]. **Seidel** [EHS17, LZZ+19, TTLX17]. **Seidel-type** [LZZ+19, TTLX17]. **SEIR** [AELH15, DTJ18, DAQI15, DCK+18, XWZ15]. **selected** [ZS16b]. **Selection** [HH18a, SCR+15, YLZT17, CFS18, CRZ19, DZD+16, FXC17, HDG15, HD16b, HW15, KPLC15, LZX15, LWWZ17, QTXY16, SBLZ17, TIT15, XS19a, YF17, YFLF17, YSD+17, dSRTZ18]. **Selective** [PSM17, zMnZyZ15]. **Self** [ARS15, DZD+16, LLT19, ACC15, AADF18, Far18a, HYZ+18, KB18, KTD15, KDTP18, Liu15g, STL17, SLTH15, TLLD19, TBG16, WWDW17, XGG18, ZSX15, ZZW17]. **self-accelerators** [SLTH15]. **Self-Adaptive** [ARS15, DZD+16]. **self-adjoint** [Liu15g]. **self-adjointness** [TBG16]. **self-consistent** [ZSX15]. **self-intersection** [Far18a]. **self-learning** [WWDW17]. **Self-organization** [LLT19]. **self-organized** [HYZ+18]. **self-organizing** [KTD15, KDTP18]. **self-regulated** [ACC15]. **self-similar** [STL17]. **self-triggered** [WS19a]. **self-tuning** [KB18]. **Semi** [Ber15, CM18, FM18, Yil16, Bej17, BB19a, BFR18, BCFR18, CLJ+15, CJ17b, DC16, tFyZZ15, GLM19, GZW15, HN14, HXW+19a, JK15, JIS15, KD18, KJ15b, KML19, LQC+18, LDS+18, LT18a, NN19, PS18a, Pis18, QZCJ19, RLZ19, SZ18b, Tch15, VK15, VK17a, WMZ16, WZZ18, WH18, WRX+19, WHWW19, Xu15c, XSSW19, XGQW19, YLW15, YLP19, YYS17, YWZ18, ZCAN19, ZCCZ19, ZYWW16]. **Semi-analytical** [Ber15, CM18, KD18, KJ15b]. **semi-cardinal** [Bej17]. **semi-classical** [BCFR18]. **semi-convergence** [tFyZZ15, WH18, YLW15]. **Semi-discrete** [Yil16, GZW15, Xu15c]. **semi-discretized** [PS18a]. **semi-explicit** [Pis18]. **semi-groups** [JK15]. **Semi-implicit** [FM18, CLJ+15, DC16, GLM19, JIS15, LT18a]. **semi-infinite** [BB19a, CJ17b, YWZ18]. **semi-Lagrangian** [BFR18]. **semi-linear** [RLZ19, VK15, VK17a, WZZ18]. **semi-Markov** [HXW+19a, LQC+18, LDS+18, WMZ16, WRX+19, WHWW19,

XSSW19, YYS17, ZCCZ19]. **semi-Markovian** [KML19, QZCJ19, XGQW19, YLP19, ZCAN19, ZYWW16]. **semi-smooth** [Tch15]. **semi-supervised** [SZ18b]. **semiaxis** [DO17]. **semiclassical** [AHK+19, GGMPC15]. **semiconductor** [YLL+16]. **Semigroups** [HO15, AÇ18, Liu19]. **semilinear** [AS15, BCI15, CZP15, DX17, GZK16, HFCS16, JX19, SY17b, TM19, XH19b, ZRLX19, ZZX18]. **Semilocal** [SGMH16, WK16b, AM17, EHVV15, MA15b, Pro16]. **semipositone** [WLZW15]. **semiregular** [FHK+19]. **semivariance** [NM15]. **Semrl** [DKM15]. **senior** [YSLS17]. **sense** [DSSC19, GG19b, HMS15]. **sensing** [WNF19, ZWY15b]. **sensitive** [TLL+18]. **Sensitivity** [SFLM19, PTA16, RL15, VVD15]. **sensitization** [HYL+19b]. **sensitized** [DeC19]. **Sensor** [LPS19, LLZ+19, LMW18, SZRC15, ZLDZ16]. **sensors** [Kia15]. **separable** [Abd15, CY16a, Pol19]. **separated** [ANT+16]. **separation** [AKK15, BM19c, HZ16, HL15c, Par18a]. **separations** [HI15a]. **Separatrix** [FHPV18]. **septal** [PBMP15]. **septic** [KZ16]. **sequence** [Abd15, AAF15, Agr15, BD15, CS15b, LCM19, LS15b, NL18b, PGLG17, XZCC15, ZWZ19b]. **sequence-dependent** [Abd15, PGLG17]. **sequences** [AK15c, Bor15a, Cat19, CGJZ18, CT18, DEK15, Dok18, Flo18, Gou18, Haz16, KK15a, LSY15, Yan18a, YZ18a, YYL19, ZY18a]. **sequencing** [DCA15, ARS15]. **sequential** [AN15, AL18b, MNYL18, ZCL18]. **Serial** [ZPRZ18, GYY18]. **serial-batch** [GYY18]. **Series** [Mor17, ABMBR15, AP19, BB15a, BD18, BBFJ17, BRM+19, Boy17, Dan18, DQW+19, FMRRT15, GDS16, HA19, KNT17, MS19b, NS15b, PHM19, Par15, RSLL+19, Rog19, SK17a, SSS15, YSX15, YS16, YSF16, SM16]. **series-parallel** [SSS15]. **serotype** [ATN+19, VEF19]. **server** [Shi15b]. **servers** [CLC+19, DKDD15]. **service** [JBS15, KWH17, PL15a, ZW15c]. **set** [ABD16, BFJ+17, CHL17, CK17, CYW18, DH19b, DH17, DL15b, FM18, GRV15, JLL15a, JCX19, KS19a, LL16a, LXL17, LXW+18, Sha15f, TLL+18, Tua15, bWzZjH16, Yan18a]. **set-theoretic** [DH17]. **set-valued** [CHL17, JCX19, Tua15, bWzZjH16]. **Sets** [CDK17a, AGM16, AVC+19, CGG+18, CLHC15, DZL15, EGH+19, GHM18, HGG16, HR16, Har15, HP15b, HLFZ19, LYW18, MM17, NS15a, O'R18b, Pop17, Rog19, RG18a, SRGW15, TNPL15, WTZL18, YCH19]. **sets-based** [EGH+19]. **setting** [AGM16, LZ15c, Pöt19, Prz15, TES15]. **settling** [CCL+15]. **setup** [Abd15, PGLG17, SLS16]. **setups** [KWT15]. **seven** [SZ16]. **seventh** [ACDT18, YD18]. **seventh-order** [ACDT18]. **Several** [QW19, SLTH15, CLS15, CC17, CN15c, CN16b, NS17a]. **sextic** [LL19a]. **sexually** [IYM19, WCH19]. **SGPA** [SM15a]. **shadows** [DMS+18]. **Shafer** [DJW19, Nis15]. **shallow** [BMT18, BKLW15, EdLC18, GWK16, GYW15, KNK15, Kem16, KK16b, LCQ15, NB15, SSG+15a, Tha18b, WLQ+19, WMSP19, hY18]. **shallow-water** [BMT18]. **Shape** [Han15c, Han18, PL15b, SHH15, BH17, DL15b, EGH+19, ERFE16, GWPA18, HH18a, HP15b, HLJ18, LX19d, SA19, SN18c, WC15a, YLH+19, ZH15b]. **Shape-preserving** [Han15c, Han18]. **shaped** [GHN+16, HM17, JA17, KBK15]. **shaping** [Pai15b]. **Shapley** [AMCMFJ15, YZ15a]. **shared** [Xu19e]. **shared-memory** [Xu19e]. **sharing** [LMW+19, XFTX19]. **Sharma** [Pan15, S.15]. **Sharp**

[ABQ15, AK16b, LMZW16, YCZ15, ZY18b, GI15, MRS18, RD15, ZZM18]. **Sharpening** [Nis15]. **Shaw** [ÁL15a, CS15a, CK18, Kim15a]. **Shear** [GB19, AAM19, BKZA18, CS15a, KMR18, NMNTBXVD15, dDSI19]. **shear-dependent** [AAM19]. **sheared** [WHM+19]. **shearlets** [BPZB18]. **sheet** [BAR18, EM15, HAMA14, MP18, MWY15, PMV16, PK18a, SS18a, ZZLY15]. **Sheffer** [KK15a]. **shelf** [MMB15]. **shelf-life** [MMB15]. **shell** [FA18, KAMD18, MRF18, RSAF16, RS15d]. **shells** [Muk16]. **Sherman** [SKP16, Xu17b]. **shift** [CM15a, CN15a, CN19a, DZD+16, HWXC17, LCZ19, LL17c, LG19, Rem18, TQC15]. **shift-splitting** [CM15a, HWXC17, LCZ19, LL17c]. **shifted** [BHD18, HS18]. **shipwrecks** [KZL19]. **Shishkin** [DN15a, LZ17e, ZL16a]. **Shock** [Gla19, Ery15, MCPO15, PBBF18]. **shocks** [VG18]. **shooting** [MS17a]. **shop** [Abd15, XYZK15]. **short** [BB18b, Hac17, MM15a, WXZ18]. **short-circuit** [BB18b]. **short-span** [Hac17]. **shortage** [JYVS15]. **Shortcut** [CGG+18]. **shortest** [CRC15, SNAR15, WL17]. **should** [FK18b]. **shrinkage** [KKM15]. **shrinking** [BAR18, MP18, PMV16]. **Shubik** [AMCMFJ15]. **SI** [LZT+18]. **side** [ACMT15b, ACMT15a, Cat17, ZBKS16]. **sided** [CLJ+15, CLW18, DCS15, FZLT15, KCKZ15, NT16, NPT19, TY18]. **sides** [Kac15, YZ19]. **Sierpinski** [Cal18, DSZY19, LZ17g]. **Sierpiński-like** [DSZY19, LZ17g]. **sieving** [SD17]. **sign** [AU15, APS16, CFG15, CCC19, Hag15, KZZ15]. **sign-changing** [CCC19]. **Signal** [DZ17a, BM19d, HTZY17, LW18a, LY17, LLz18, LLTL18, RXLM19, Suk19, SD19c]. **signals** [BMDS17, LLC+15, LD19b, WYCZ17, YMeFG19]. **signed** [HFK19, HTW19, LGHW19, ZLWW15]. **significantly** [WWC+15]. **signless** [CZ17a, CT17c, LWM17, LMZW16, XLS18, YFY17]. **Signorini** [LD19a, ZL15a, Zha18c]. **silence** [WWN+15]. **SIMD** [SD17]. **SIMD-based** [SD17]. **similar** [STL17]. **similarities** [LK15, Val18]. **similarity** [DV15, DCS+19, GTBC18, JJ15a, MRR17, SH19]. **Simple** [BDSS15, AIG17, BL18, CD16b, GH17, JA17, LLCR15, NCS16, SM15d]. **simplest** [cCpSkZ15, RP18, VDV15]. **simplex** [wG15a, PS15c, SCY19]. **simplex-type** [wG15a]. **simplices** [BCK15]. **simplicial** [TG17]. **Simplified** [Dan15a, GK16a, HHP18, KS15, LYC15, LZ19e, STK15, ZS15a, Zhu15]. **simply** [YBZ18]. **Simpson** [DLY17b, Li17c, LW18c, WNMC15]. **simulate** [DMA+19, GGAVGGRC15]. **simulated** [Mat15, Pal15, PTO19, RRTR15]. **Simulating** [CCL+15, PFH+15, LXL17, SPP17, ZZX19]. **Simulation** [BG17, How15a, NKKK18, ZZ18b, BS19a, BL18, Cha19, CC18b, CDFP17, DKL15, DWT17, DQW+19, FFG+16, FFH+18, FFH+15, GJR+15, GZG+15, GAT18b, GE16, HSAR19, ID19, KÇ18a, KRF17, KDH19, KKS+16, KFHH15, Kri18, LGO17, LYDH18, LZY16, MHR18, DFG+19, MD17, NBAGS19, NB15, Oli17, Par18a, PL15b, PBMP15, RAH19a, RSC16, RG18b, SK15, SH15b, SMG+18, SCZ+17, SH15d, TVK+16, TPS15, VBG+17, VG18, WXWX18, WXM+18, Xu19e, YLL+16, ZLC+18, ZWY19, lZA+19]. **simulation-optimization** [SH15b]. **simulations** [BMM19, BBGR15, CS18, CLP+18, EEG+16, GCM+18, GYZC15, KMB16, LJ19, LLL18d, MLG18, NMS+18, PG15a, PMS16, PP19, RVE19, TT16, UHLM15, ZKV+15, ZHS18]. **simulator** [GG18]. **Simultaneous** [HWZ17, LDSD19, LZHC18, RZW18, UDA15, ZLLZ16, GSV18a, Pro16, PIP19, PV19, RZR16]. **simultaneously** [TM18].

Sinc [Nag17, Oka18a, PJ15, SR19, AQ15, Dan18, KXZ19, Tha15, Oka18b]. **Sinc-Chebyshev** [Nag17]. **sinc-Gaussian** [Tha15]. **Sine** [LLL18c, Sun15b, AK16b, JSLW17, MVRV19, PFA15, RS15a]. **Sine-Gordon** [Sun15b, JSLW17, MVRV19, PFA15, RS15a]. **Sinelshchikov** [GR17b, TTXZ16]. **Single** [XY15b, CXW+19, DKBS15, DL17d, DMH19, FLYG18, HSKHA15, Kri19b, DPL18a, MKG15, Pal15, SHLL18, SB16, SML+15, Uzu17, WQK15, YY15, ZZLY15, ZYZ15, SM16]. **single-channel** [SB16]. **single-layered** [ZZLY15]. **Single-machine** [XY15b, HSKHA15]. **single-network** [CXW+19]. **single-period** [WQK15]. **single-phase** [Kri19b]. **single-relaxation-time** [Kri19b]. **single-row** [Pal15]. **single-species** [DL17d, ZYZ15]. **single-velocity** [DPL18a]. **single-well** [YY15]. **Singular** [ACE19b, ASM16, Boy15, DHQ19, GGZR16, Li19, AD16, AHS18, AST18, AK15a, AD17, Bea15, CY16b, CC16, CM15a, Che15e, CLCW17, DB18, DTM19, DH15, tFyZZ15, FLL15, FM16, GHQ17, GR19a, JGX15, KMBA18, KML19, KPP17, Kyr17, Lah18, LR16a, LX16b, Li17e, LZCL18, LX19a, LZ17c, LBB18, LXW+18, LMW18, LWZZ18, MHN15, MFJZ15, MJL16, ML15, NL18a, NS17b, PHM19, Pan18, Par15, QXW19, RG19, RGA19, RMK19, SWUE19, SH15a, SHA15b, SSA18, SPST17, SRS17, SZ16, TB17b, Wan15b, Wan16a, WZ16b, WLH+18, XXW+19, XZHX17, YLW15, YKJY17, YY17, YTH19, YmZHC15, YWH15, ZMC19a, ZLL15a, ZLWW15, ZMQ16, ZCW19a, ZMC+19b, ZY15d, ZW15e]. **singular-logarithmic** [AD17]. **singular-ordinary** [ZMQ16]. **singularities** [Boy17, CZ15a, DL17b, NB19b, ODP17]. **Singularity** [YLQ17, LWZ+19b, YL19b, ZS16a]. **Singularly** [KS16b, AK18b, BZ16, CJ16, CVA18, DN15a, Fan18, GQC15, GN19b, KK17, KH17, LSAR15, LDS+18, Liu18a, MN17, PCS17, SAA19, SR17, SN18a, SN18b, SRCA17, SM18, TG16]. **sinh** [ZXZB19]. **sinh-cosh-Gordon** [ZXZB19]. **sink** [Har16]. **SIQR** [LJS18]. **SIR** [BW15b, LYZ19, LC16b, SHEBS19, WGSX19, WYZ+17]. **SIR-like** [WGSX19]. **SIR-type** [SHEBS19]. **SIRS** [CKW17, Wan17a]. **SIRVS** [Zha15e]. **SIS** [GLM16, KM15d, LZ15c, ZYZ16b]. **Sivashinsky** [BT15b]. **six** [DPL18a, SN15c]. **six-equation** [DPL18a]. **Sixth** [PVL19, BCST19, EKO19, GKN15a, GKN16, HJMB18, LMMR15, NBK16, RMK19, Sha15e, SB15, WK16a]. **Sixth-order** [PVL19, GKN15a, GKN16, HJMB18, LMMR15, NBK16, RMK19, WK16a]. **Size** [Pet15b, CLT+15, GLM16, GXCY19, HI15b, KM15d, QLZ15, RSKB15, RSKB16, RRW+15, SB16, SGKR19, YZMM15, ZCLS18, ZSZW16, ZYZ+16a]. **sizes** [AO19, WTZL18, ZXDP18]. **skeleton** [SKCS15]. **Skew** [JH17, TZ18d, DS19, tFyZ15, GWX17, JH15, Kyr15, LZL15a, LWZ15, QY15, Wan16c, YZ15b, ZLL15a, ZS15e, ZWT15, ZZL15b]. **skew-Hamiltonian** [ZY19]. **skew-Hermitian** [DS19, tFyZ15, ZLL15a, ZWT15, ZZL15b]. **skew-rank** [LWZ15, QY15]. **skew-symmetric** [YZ15b]. **slab** [QBNF19, SHA15a]. **slag** [KSKW+19]. **slanted** [RMD18]. **slantlet** [XS15]. **slantlet-Walsh** [XS15]. **slave** [LPKS16, SLZ+16]. **Sliding** [CPCQ17, HZK+19, JGKL16, AADLF15, CTT+19, CL19c, GZC19, HYL19a, JGX15, KML19, LZ18c, LGCS19, LPS19, LGK15, LMW18, Pai15a, RXZW17, WXXY19, XZLL17, ZYLY17, ZJYD17, ZMC+19b, ZYWW16]. **sliding-mode** [LMW18, XZLL17]. **slip** [BTH18, EAY17, KPG16, Pon17, Qiu18, SSB18, SSG15b]. **slip/no** [BTH18]. **slip/no-slip** [BTH18]. **SLK** [XY15b]. **slope**

[KVS15]. **slow** [WLH+18]. **slowly** [BB15b]. **Smagorinsky** [ALZ16, SLL19]. **Small** [Yos19, BM19d, CLHC15, DLQ17, EOP17, GST15a, Har15, HRS17, HZYW15, KLS15, LLT19, LSAR15, RR15, Rog19, ZS16c]. **small-signal** [BM19d]. **small-time** [ZS16c]. **small-world** [EOP17]. **Smallest** [CSZ19, WS19c, ZCEW18]. **smart** [GGAVGGRC15]. **smoking** [uRAD19]. **smooth** [And18, GI16, Gar16a, LL15d, LLL18c, LL19d, MJ19, PW19b, QTTL19, SDGU16, Seg15, Seg18, Tch15, WL16c]. **Smoothed** [GSP15, LL19b, NMNTBXVD15, Ton18]. **Smoothed-Particle** [GSP15]. **smoother** [Nak18, ZZL16a]. **Smoothing** [KPT16, LW15d, LLTL18, WLZ19b, Zha15i]. **smoothness** [BJM16, Hua16, LXZ19a, NRY16, ZSXW18]. **Sneyd** [Mis16]. **snowdrift** [YF17]. **Sobolev** [DFJ16, LCW15, LR19b, LT18b, MMMMB17, PR15b, SHA15b]. **Social** [HWL+19a, SSM+18, AJ15, BK18a, CST+15, HCS19, HCY+18, KZL19, LWGS17, LZP18, LSX19, LSLL19, LGL+19b, LWY+19, Lu19, Pla16, Pla17, SLLZ19]. **socle** [LLL19b, TZ18b]. **soft** [KDS16, NEK18]. **software** [Xu15a]. **Sokolov** [SKBR18]. **solar** [DME+15, DMS+18, MSdC+18]. **SOLD** [LK18]. **solid** [GSDH15, KAMD18, LWLM19, RZMB17, SFC+17, TSPF18]. **solid-gas** [RZMB17]. **solid-shell** [KAMD18]. **solidification** [SWSS18]. **solids** [BZ17, LL19b]. **Solitary** [KZ16, AM18a, GR17b, LFY18, MZ17, NRT16, TNMR18, VDI17, Wan16b, WMSP19]. **Solitary-wave** [KZ16]. **Soliton** [CY15b, WTJ17, Bas19, ES17a, GL15b, ID19, MDH16, MM18a, OW18, WTSQ15, YRA15, ZZC15, MMIA19]. **Solitons** [KRB15, HGH19b, KSD+15, LZWZ19]. **Solomon** [CGM16]. **solubility** [Liu17b]. **solute** [KA15c]. **Solution** [ADMV19b, CGL15, MK15a, NB19a, RWH15, YCYL18, eMAGG19, AKS15, AM15a, AG15a, AP15, AD17, Bab16, Bag19, BAV18, BM15a, BS17, BM18a, BC15, Boy17, BCI15, BVJ15, CVJ19, CM18, CL16c, CCZ15, CJK17, Cho19a, CN19b, CNQRR18, DK15b, DA17, DA19, DJW19, DHS19, DKKR16, DL16, Dol15, EFPT18, EGB15, FLL17, FKR15, FM18, GMS19, GFG15, GN15, GT15c, GR15b, GR17b, GS11, HN14, HH16, HHP18, HJ15, HH18a, HSAR19, HP15b, HG18, HLLT15, HGM15b, HM18b, HHG19, IÖ19, JMK17, Kac15, KCK16, KE16, KOR19, KZA19, KNBA15, KHN19, KK16b, KMT16, Kue15, KG17, KH17, LZL19a, LP15a, LG16, LBB18, Liu15f, Liu18c, LDH18, LZ19g, MDH16, MM04, MRE18, MC17, MHCF15, ML15, MH15b, MH16a, MS19c, MR16a, MDH15, MO15a, MO15b, MRR17, Nag17, NL18a]. **solution** [Neu16, NN19, OL19, PS18a, PMC15, Par15, PG15b, Pis18, Pop17, RR18a, RM18a, Rem18, Reu15, RME18, RSO+18, Sab18, SDS18, SM19, SLC18, SSB18, SR15e, SZ19b, SS18c, SR16b, SSA18, Sha15f, SH18a, SS16, SPS16, SPST17, Sin18, SHEBS19, STVCC17, SLL+16, Tan15c, Ton18, TB17b, USCA15, USCAAA15, VS19, XZCC15, XSLW17, YB15, ZEF19, ZS15d, Zha15f, ZLL15b, ZLW15, ZMMZ15, ZMQ16, ZZHT17, ZZG18, Zha18c, ZM19, ZCU15, ZSY15, ZYZ15, ZXL15, ZG15b, Zho15b]. **Solutions** [AIIK15, BM16, GS15b, GM19, WN15, eMA15, eMBHA15, ALL18a, AM18a, AOS19, AL18b, AZ18, AZ14, AIG17, Ali15, AST18, ASS16, APL15, ALP15, AV18, AK15b, ABN+17, AZAM15, AZ19, BÇS15, BEM15, Bas19, Bea15, BB15c, BRD15, BZ17, BHM15, BdlRT18, BHRW16, CFG15, CRCVMS18, CDK17b, CZP15, Che15d, CL15b, CCY19b, CD15c, CY15b, CB17, CY15c, Cov19, DT16, DGZ15, DH15, DBV18, DZ16, DFP15, DCR15, DM18, Dim16, DZL15, DO15, DLCT18, DB17, EJF15, EJF16, EM15,

ES17a, Esl16, Fan17, FMC15, FCM17, FFT15, GGL15, GO15b, GS15a, GD15, Ghe16, Gra15, GL15b, HA16, HLZ15, HK15, HGH19a, HPN15, HARS15, HPR16, HZ17b, HHY19, IKMW15, II18, IH15, IS17, JJ15a, JLX15a, JS16, JT17, JG17, KZ16, KD18, KAH15, Kor18, KNT17, Kra18a]. **solutions** [KZ15, KR16, Kud16, Kud19a, KC18b, KH17, LJZ18, LdCM19, LSfW15, LWS15, LL18a, LZCL18, LVV18, LZ15b, Liu15c, Liu16b, LLL18c, LL19d, LFY18, LXZ19c, LD19c, Lv16, Lv18, MDZ15, MG15, MWWM15, Ma17a, MJ19, MPW15, MMIA19, MHM15, MZM15, MLT17, MYHS18, Mi17, Mig15, Mig16, MNR19, MMZ19, Mil16, MM18b, MS16a, MSS15, Miy17, Nas19, NRT16, NE15, OW18, ÖK19, PHM19, PKB15, PWS17, PYZS18, PW19b, PZ15, PST18, Pla16, PS18b, Pol19, PFA15, Pos17, QZ15b, RS15a, RAV15, Reh17, Rui18, RC17b, S.15, STJS16, SR15a, SR15c, SJD$^+$18, Sak19, SHA15a, SS18b, SEKA16, SC18b, SXS15, SPGP18, STL17, SY18c, Sun15b, SX16, TES15, TNMR18, Tho17, TLHC17, TY16, TTXZ16, UKE15, UBT18, VD16, VD15, VDV15, VDI17, WW16a, Wan15c, WTSQ15, WLZW15, WA15b, WL16c, WTXZ16, XHW18, XPG15, YTH19, YU15]. **solutions** [YRA15, YL19b, YMHW15, YZ15b, YZ15c, YW18c, Yüz15, Yüz16b, ZBR15, ZA16, ZBBW17, ZSL15, ZH15a, ZZC15, ZAW15, ZLL15c, ZY15b, ZZZ15b, ZS15c, ZM15a, ZWLZ15, ZLL16, Zha18e, ZMZ18, ZLLA19, ZXZB19, ZZL15a, ZCQ15, ZZ15d, ZCX17, ZL17b, ZMT15, Zho15a, Zho15e, ZW15e, ZLL18, ZS17, dSH15, uRIS17]. **Solvability** [Jia15, LJ19, RAH19a, HMZ17, HSAR19]. **solvable** [BCSG18, RM18b, Zha18b]. **solve** [ABD16, CCNQ19, CKW15, CJ16, DKN16, EA15b, FB19, KEE17, KAS16, MH15a, SAC18, SNAR15, SSJ15, Yüz16a]. **solver** [AS19a, BKLW15, FK17, FCW$^+$17, Fuk15a, KSZ15, LWW15c, XZ19]. **solvers** [AKK15, DPSS16, SA16d, SAS19, SC17]. **solves** [HCS19]. **Solving** [AM15h, BR16a, CNQRR18, Dim17, FBF18, GW15b, Gia15b, KMBA18, KLZT15, KMP15, LWT$^+$15, Liu18a, Mat15, MH17b, PAE$^+$17, PJ15, RSKB15, WWH17, Yan18b, dSH17, AKAA15, ABC$^+$16, eMA15, eMBHA15, AAGZ19, AM15c, AMO18, ASA19, AAS$^+$17, ABA18, ACDT18, AND17, AR16b, AG16, AKKB17, AM18c, ABMA19, ACTV15, ACTV17, AE17a, AD19, AAMC19, AKA19, BCST19, BS16, BAM16, BCMT17, BSZ16, BAR18, Bog16, BS15c, BK18d, CP19, CCJ15, CKG19, CJ15, CG19, CLMT15, CGMT16, DCW15, DLF15, DS19, DZW15, DL18b, DWTT17, EHS17, EAAM$^+$15, EMM17, EE18, FT16, FT17, GWC$^+$16, Gao16, GAB17, Gol15, GS18b, GZ15a, GfSmL16, HAC18, HEA15a, HEA15b, HEA16, HA19, HR18, HH15, HS18, HHGC16, HAY19, HAH19, How16, Hsi15, HM18a, HM15d, HM15b, HM19b, IAW18, IS16, JLY18]. **solving** [JLL15b, JIS15, JAN16, KKKD18, KJ15a, KS16a, KM17a, KM17b, KAI19, KJ15b, Koc15, KDG19, LJD17, LZ17a, Li18, LZH16, LLL18c, LHZM19, LG19, LjL15b, Maa15, MKG15, MH16b, MH17c, MS19c, MAJR19, MKN$^+$15a, NE16, NJTP19, NAM18, NWNA15, NWN15, PVL19, PeO18, PKS15, QDH$^+$18, RSKB16, RS17a, RLZ19, RB15, SST17, SS18a, SWUE19, SAA19, SH15a, Sah19b, SHR18, SSN15, SZ19a, SN15b, SSK15, SSB16, Sha16b, SHC$^+$17, Sil16, SDK15, Sow18, SG15, Su16, Tan15b, Tom12, Tom15, VS17, WNMC15, WZM15, WHSS15, WZ16b, Wan17c, WA18, WNN16, WZLP18, XY15a, XY17, XY18, XM15, jXlZX18, XYG$^+$18, YMD15, YDWZ19, YR15, YMS16, YGZ19, YWRP16, YJSW16, Yüz18, ZMBJ19, ZV17, ZNV19, ZL15a, ZMQ16, ZGH17, ZD17, ZHX$^+$17, ZVL19, ZWT15, ZX16, ZT16c]. **Some** [Ade19, AZL16, ABA18, CLL16, CL15b, CHL18, CNNA16, CK18, Fen15, HASA15, HZL18, HXLC15, Jah17, JRSK16,

JJ15a, KS18, KST16b, Kur18, LR19a, LR16a, LWM17, LWW19, LW19c, LZCW19, LT19, LZZ+19, LSM15, Mal15, MNNA15, MKN+15a, MCI16, MAK15a, MAK15c, NY15, NNA15a, NNA15b, QM15a, QM15b, Rho14, Rho19, SC18a, Seg18, SN15b, SA16d, SLF18, SPKC16, SGG15a, SKA16, SzShG16, Tom12, Tom15, WM15, WDB18, YFL16, YZ18a, YDLK15, You15, ZWL18, ZSF17, dFY15, AA16, ADG16, BGMZ17, BGMO18, BR16a, BS19c, CEG+15, Cat17, CWD16, CC17, CY18, CKDC16, DY15, EAAAS15, EJF16, FNS15, GFD16, HARS15, HHZ18, HLT16, HP15c, jJ15c, KA15b, KE16, KK15a, KMA16, LX18, Li17f, LGQL19, Liu18c, MNJW19, Mah18a, MK15a, MF17, MFOP17, MMG16, MMM18, MS19c, MS16a, MPP17, Mor17, NMM16]. **some** [PÖB15, PL15d, PFA15, RDLG16, Rét19, STB16, Sha16b, SIA16, SY15b, Sun15a, YP18, Zha18a, ZMZ18, ZC19c, dFKMM15]. **Soner** [DO18]. **sonic** [VG18]. **SOR** [KM17b, LM19]. **SOR-like** [LM19, KM17b]. **Soret** [MRR17, PMV16]. **sort** [LTY16, LZX19, ZW19a]. **sorting** [TD18, TRRP15]. **sound** [FM17a]. **source** [GHZ19, Har16, HLIK19, KKG18, LW18g, LM15, NM19, Pan15, RZW18, Sha12, Slo15, SM18, THM19, TTK15, XX19b, ZY15d, ddGL15]. **source/sink** [Har16]. **sources** [EB16, ZSX15, ZMT15]. **South** [FMRRT15]. **sowing** [LTC16]. **SP** [GL18b, SNAR15]. **Space** [LJL19, AG15c, AK15c, BD18, Boy15, CPST16, Cha19, CRC15, CLJ+15, CGW16, CZL18, CXK19, CDL19, CP15d, DCS15, DKKR16, DF16, DMH19, FZLT15, FGPR18, GR17a, GT15b, GFG15, GTBC18, GLS19, Han15a, HFCS16, HMS15, jJ15c, KDH19, KK16b, LL15e, Li16a, LW18g, LSZ+19b, LZ19d, LSZF18, LLG+15, LLJ19, MDHD18, MDH15, MKS19, MS15d, NS17a, NRAEC19, Ort15b, RR15, RWW15, Rem18, RZW18, SST17, SDS18, SA19, SR15d, SST15, Seg15, SHA15b, SLW15, SzShG16, TMS15, THM19, TÖGE18, WXY15, WX19a, XYG+18, XW19, XX19b, YX19b, ZDK15, ZZL16a, ZT16b, ZLC+18, ZJY18, ZRLX19, ZBH+15, ZZ16b, ZZL18b, ZLX19, ZEW19, dSSB+16]. **space-based** [ZZL16a]. **space-dependent** [RZW18, XX19b]. **space-fractional** [CLJ+15, FZLT15, HFCS16, KDH19, LSZF18, MDHD18, THM19, XW19, ZBH+15]. **Space-time** [LJL19, BD18, Cha19, FGPR18]. **spacecraft** [HWY15b, KRA+18b]. **spaces** [ACS15, APTS15, ACKS16, ALP15, AK15b, AM15g, Bab16, bBjJ16, BD15, BCM17, BLM+16, CLL16, CB17, CEHVT15, DL17b, FPUK15, Haz16, JK15, jJ15b, jJ15c, KT16, LR19a, LCW15, LL15c, Li16a, LZCW19, LRH15, Luk15, Mah18a, MSHG16, MDG18, MCI16, Nak15, PS15a, RDLG16, Rah19b, RV16, Wan15c, WIF15, XL19, Zha15h, Zhu16]. **Spain** [NFS+15]. **span** [Hac17]. **Spanning** [CYCW15, LY18b, WZC17, ATX19, HLL16, MB19, RCTZ18, WTD+19, Yan17]. **Sparse** [CL18, GS19, SN18c, CYW18, DVJ18, FNS19, HZ16, LYXL15, RG18b, SHLL18, WJNW15, YLX18, YP18, Yue16]. **sparsity** [DHW+19, LJL16]. **Spatial** [KWT15, MZ17, AYAA+15, ATV18, BDE+15, CSWJ15, hCWW+15, CYGL18, CZM+19, Du19, GW19, GSD+17, Hac17, HD17, HL15c, Li15b, LZP18, LJG+19, LSX19, LJ17, NT19, QZL18b, Sch16, SLS16, SZFS17, TS15, Tan15e, Tan17a, Tan17b, WWN+15, Wan15a, WJNW15, WJ19, WYZ+17, WLL+19, XDG+19, YW19a, ZHW16, ZYLY19, ZZH15]. **spatial-temporal** [ZYLY19]. **spatially** [BHM15, CJ18, FXXC19, RW17, SN18c]. **Spatiotemporal** [HD17, Naa15]. **SPDE** [MP19a]. **SPDEs** [KG19, LT18a, TM19, YZ18b]. **Special** [LPW15, ZWLZ15, BKS18, CKDC16, DGRR16, EKO19, GLS16, JISI18, KR15, LO15, MNJW19, MK16, RSKB16, SST15, TW15b, WQ15, WJGM19, ZS16b, ZL15b].

species [CXMP16, DL17d, GG16, GCLG15, MWY17, Moh19, PSM17, Par18b, SSZL17, XYDL16, XWDW17, ZYZ15]. **specific** [AG15b, ARK15, JV18]. **specification** [RRW+15]. **spectra** [CT17c, DL17a, LS15a, PÖB15, XLS18, dFY15]. **Spectral** [ABS15, ACE19b, AKA19, JYF19, KLQY18, LB15a, LG15, MHR18, RS16b, WYL19a, ZEW19, Bog18, BFJ+17, CCLS16, CZ18a, CZ17a, CHL18, CLWM19, DN15b, DN16, DGF17, DLH15, Ely15, EE18, FWZ19, GWK16, Ghe16, GWY15, GG19b, GDF+17, HEA16, HGL19, HLW15, HHG19, JZ15a, KMT16, LWM17, LML18a, LZ19d, LCM19, LJL19, LMZW16, LLL18c, LW18h, LL19d, LYY15, MHN15, MMM18, MRR17, PVL19, RNM15, RCM15, SR15b, SM19, SSS17, SPG17, SJ18, Wan18, WX19a, WS19b, WW19, Xy16, XLYZ19, YTH19, YWZ18, ZLWW15, ZL16b, ZZY+17, ZJY18, ZHS18]. **Spectrally** [FK17]. **spectrum** [BCD18, CCY19b, Lah18, LW15b, LH17b, MB15b, SMG19, TS18, XZC16a, XZC16b]. **Speculations** [ZDZ15]. **speed** [GCH+19, GYW15, KK15b, SD17, XY18, YLH+19, ZL19b]. **speeds** [WC16, ZL19a]. **speedup** [dNdOX+15]. **SPH** [FP18b, Maa15, SRK+19]. **sphere** [ACD18, Jai18, KDS16, KNK15, LC15a, Pov15, XCHW16]. **spheres** [KF15]. **spherical** [CCL+15, CPST16, GWPA18, JJ15a, RMM19, SM15c, SH18a, YJW16]. **spheroid** [LDL15]. **SPI** [lZA+19]. **SPI-based** [lZA+19]. **spillover** [QZL18b, ZZC+19b]. **spin** [KSD+15, WJWX18]. **spin-1** [WJWX18]. **spinning** [ALMCDH+18]. **Spinor** [KL15]. **Spiral** [dSR15, PRA+19]. **spiro** [YLWF15, YLWF16]. **Spline** [And18, FP18a, BSZ16, BLM+16, CL16d, DBK15, ET15, HH19, HMT15a, HQJ+15, IAW18, KZ16, KCK19, KAI19, KPT16, KD16, KF19, LX15, LQZ+18, LLz18, LW19b, Lin19, LFC+19, LHWG16, Mic15b, MD17, RG19, SST15, SR15e, SR16b, TMS15, TSJ16, TW15a, Tho17, UKE15, WWZ15, XzXqT+15, YAIN17, ZV17, ZEF19, ZZG18, ZM17, GR19a]. **spline-nonstandard** [ZEF19]. **splines** [AAMC19, Bej17, BLM+16, BJM16, GK16b, LX18, MFC17, PS16, RV16, SDS18, SHH15, Seg18, SuSR16, ZS16a, ZM15b, Zhu18]. **Split** [LMD19, ARB19, BB18a, Boi15, CL16a, EO18, EÖ17, HH18b, MDZ17, QLZ15, SPW15, SDK15, TRP15, Yue19, ZJJ15, CCC+17, LPZ19]. **Split-step** [LMD19, ARB19, HH18b, MDZ17, TRP15, Yue19]. **Splitting** [SE18, AP15, BCH15, CWG15, CM15a, ÇT16, DLBQ19, DS19, EMO18, tFyZ15, FZLZ19, GAB17, GJNC18, HL16, HM15c, HWXC17, KM17a, LPZ19, Li16b, LCZ19, LL17c, MH19a, Maj18, QFS17, Rub19, WMLG17, WZLP18, XL15, ZLL15a, ZZZ16, ZZ17a, ZWZ19a, ZM16, ZWT15, ZCCL18, ZZL15b]. **splittings** [AHK+19, TLZ+19]. **sporadic** [TZ18b]. **sports** [FLS+15]. **spread** [DCK+18, Ort15a]. **spreaders** [LWSX18a]. **Spreading** [WC16, BGS19, FJ19, LJYH19, LWY+19, Lu19, NY18, QZJY15, RS19, SJ16, TD19, WLX18, ZLZ+18, ZWL+19]. **spring** [JLY18]. **SQP** [Zhu15]. **square** [ATX19, BCD+19, DZD+16, DBK15, FB19, LCW15, LC15b, LKZ18, LMD19, MWH+18, NKNA16, PYZS18, RN18, RN19, RS17b, SP15, UBT18, WWZD16, WZC+18, WZF+19, ZWY+15a, ZSY15, ZYX19, fP15]. **square-root** [ZWY+15a]. **squared** [AGN15, Bor15b]. **squares** [CPP15, FLL+19, HGM15b, HM18a, HXLC15, HM18b, JT17, JCW+15, KJ15a, KF19, LY15a, LLC19, MLW18, MO15b, Nak18, YSD+17, YZ15b, YWH15, ZS16a, ZJJ15, ZWLZ15, AM16]. **Squeeze** [RP16]. **squircle** [LB15a]. **squircle-bounded** [LB15a]. **Srivastava** [Mal15, SGG15b]. **SSOR** [WH18]. **SSOR-like** [WH18]. **Stabbing** [CGK+17]. **stabilities** [AB15a].

Stability [AM18a, ARB19, AL15b, ACDT18, AAH19, AVCCGAVDL15, BB15d, BC16, CGW19, CGC19, CDK17b, Che15e, CD16a, CS18, CS15a, CGMT16, DKBS15, FHV15, FZLT15, Gao19, GMS19, GK15, GN15, GSVK17, ILPE17, JS19, Kor18, Kri19b, LC16a, LX16b, LQC+18, LR19c, LL19c, LZL15b, LZG16, LZLW17, LFC+19, Liu19, LWZZ18, LZH+18, LJHW19, MM15a, MKMC15, NA19, PRC+19, RWY19, RXL19, SS19a, SFSR18, SCM19, TS15, TZD+19, WPL15, WW15, Wan15f, WSZ16, WMZ16, WW18, WCB19, WXLL19, WZS19, WF15b, WLWD18, XJZ+15, YG18, YZ16, YNMW16, ZLHH15, ZLDZ17, ZHW16, ZSZ17, ZKKZ18, ZZQ18, ALL18a, AO19, BCO15, BDGS15, BDSS15, BDSS18, BB19b, BM19d, BS19b, CJN19, CZS15, CWHY15, CC15, CZM18, CWLA18, CSTH17, DAQI15, DZ15, DLY+17a, EO15, ELP+18, GWW15, GW15a, GHW19, GLL15b, GZLL17, GZD19, HN14, HM19a, HL15a, HS15a, HT16, HH18b]. **stability** [Hua18, ILP+15, IS17, JHWZ15, JYS16, JSW+18, JX19, JPZ+19, KHN19, Kim15b, KVS15, KM15d, KKL18, LLP17, LJW+15, LSAR15, LC15b, LZ16, Li17a, LZCW18, LW18d, LSZ+18, LZ18a, LZT+18, LSR18, LLX18a, LXD19, LK19a, LSL19a, Lia15a, LZY+17, LZ15b, LTUZ15, LGL16, LDH18, LHS18, LZ19f, LLX+19, LMD19, LHX15, MWY17, MRC+18, Mis16, MDZ17, Nam19, NM19, NHWZ15, NN19, Oni18, PAM19, Pi15, QBC19, QA19, RZSS15, RN18, RN19, RM16, SMI18, SA16b, SEKA16, SZ19b, SSZ+18, SS18c, SLZ17, SL15b, SCC17, SLL+16, SD19c, TB17a, Tan15d, TN19, VMLO19, WL15, WDZ17, WYCZ17, WLZY17, WXX18, WDCJ19, WJZF19, WNW+19, XKWG15, XCCL18, XPG15, XWZ15, XHW15, Xu17a, XXZY19, YSL18, YWL15, YLHS17, YL19a, YSL19, YmZHC15, YMMH15, YB15, ZSS15, ZAP19, ZLW19, ZSL15, ZS15b, ZLW15, ZHJ+17, ZZZY17, ZZ18a, ZCAN19, ZC19a, ZG15a, ZFZK15, ZSY15, ZZX18, Zho15b]. **stability** [ZZC+19b]. **stabilizability** [DL17c, GXLL19, TN19]. **stabilizable** [YMeFG19]. **Stabilization** [Che15f, EL19a, FZG19, LJL15a, LZLW17, Luo19, MWL+18, WZYS15, WCZY17, YSWZ17, ZLWS15, AJMN18, CLXW17, CZLS18, CWHY15, Che15e, CXZZ18, CGAL19, DLY+17a, DN15c, EL19b, EL19c, FMDZ19, GSPH19, JZ19b, LLZ15, LSMT18, LLZ17, LS16, LML18b, QZCJ19, SZ15, SFSR18, SJL16, TLL+18, Wan15b, WZZL16, WMZ16, WLZY17, WXX18, WDLZ19, WCH15, YSL18, Yil16, ZMC19a, ZZZY17, ZCAN19, dFGAN19, SST18]. **stabilization/continuous** [AJMN18]. **stabilized** [BBG19, Qiu18, ZS19b]. **stabilizers** [PN15a]. **Stable** [BCMT17, Ghe16, KCSD+18, QZ15b, CWD+19, CLMT15, DG18b, JPZ+19, KG16, MMK17, OLZ19, RSKB15, RS17a, RLZ19, RC17a, RVE19, SBG+17, Tan15a, Ton18, WFZ17, Wan17c, WZWJ18, Xu19e, YZH+19, YU15, YDLK15, Zha18b, dFGAN18, dFGAN19]. **Stacked** [GS19]. **Stäckel** [MB15a]. **Stackelberg** [Ask18, FXC17, LGL19c, PL15c]. **stage** [AO15b, ABI19, FHV15, GPHAPRW16, HZ16, HWL+19a, Kha17, KB17, LWPL16, LPL17, NM15, TLL16, Tan18, TZ18c, TSZ19, TZ19a, WL17, ZG18, ZZC+19b]. **stage-structure** [Kha17]. **stage-structured** [AO15b, FHV15, LPL17]. **stages** [WLS15]. **Stagnation** [MP18, BAR18, BGP15]. **stagnation-point** [BGP15]. **stake** [ZCLS18]. **Stancu** [BA17, CZ16, MAK15a, AIP15, Acu15, BM15b, DDM16, Kaj18, KS18, KTA15, MMS17b, MAK15c]. **stand** [FFH+18]. **stand-alone** [FFH+18]. **standard** [CKKF16, FGPR18, LJS18, RSKB15]. **standby** [LXPD15, MJSA19]. **Star** [RD15, WWW19, CYY19, LLST19, LTY16, WWW18, Yue16, ZW19a]. **Stark** [FG18].

starlike [APK15, DÇO15, SA18b, Uça16]. **starlikeness** [AS19b]. **start** [MKG15, ZTW19, ZL15c]. **starting** [Tsi19]. **State** [GhDwZS17, Ino16, LLZD18b, SML18, AO15b, AL15b, BB18b, BL18, DHX+19, DL17c, DC16, Ery15, GW15a, GSZ15, GZD19, HXW+19a, HI15b, HXW+19b, JCW18, LPJ18, LL15b, LSCK15, LLZ+19, LGC19a, LGC19b, LHS18, LMZ+19, Luo19, MRC+18, NHWZ15, PAM19, PW19a, QBC19, QLLY18, RRRR16, SKKL17, SHA15a, SJ16, SZ15, SJL16, SAT15, SLL+16, VS17, WW16b, WA18, WLH+18, XD15, XCDZ19, XJW17, XZLL17, ZLDZ17, ZMMZ15, ZLM+18, ZXS+18, ZFZK15, ZXL15]. **state-dependent** [DL17c, GSZ15, PW19a, RRRR16, SJL16, SAT15, XD15]. **statefinder** [SR15f]. **states** [Ber17, Fau17, HSSH18, QG19, VD15]. **Static** [NMNTBXVD15, TLL+18, Ber15, CLCW17, GZC19, LL19b, MN15, SYZP16, WLWA18]. **station** [DFG+19]. **Stationary** [LXJ+17, LJHA18, BW15a, DU18, Ers16a, Ers16b, GG19b, LL18c, LD19c, Qiu18, Red19, SLL19, SJW16, SuSR15, SuSR16, TST16, WLFH17, YJK19, ZSK+19, ZY18b, ZZ17b, ZS19b]. **statistic** [ZWY+15a]. **Statistical** [KBS17, ZLZW15, ZYZ+16a, ASKK19, BLS15, EGH+19, KVS15, SY18c, Zil15]. **Statistics** [DZ17b]. **stay** [DZD+16]. **stayed** [WYL15]. **Steady** [BL18, HI15b, LCL17a, QG19, VD15, Ber17, BB18b, CSL19, EM15, MGN18, Neu16, RDG18, SST17, SHA15a, VG18, WA18, ZXL15, ZSF17]. **Steady-state** [HI15b, SHA15a, WA18, ZXL15]. **Steady-states** [QG19]. **steam** [HH16, HHP18]. **steel** [DDY15, JDL15]. **steepest** [Fio16, FNS15, GS17b, SDK15]. **Stefan** [BST18, KZA19, RMM19]. **Steffensen** [CP19, Hag15, KB15, LMMR15]. **Stein** [LH19b]. **Stein-like** [LH19b]. **Steiner** [Gut16, Mao17, Tra18, ZWZ19b]. **Steklov** [AK19a, Our16]. **STELLA** [ARK15]. **stencil** [ARK15]. **stencil-based** [ARK15]. **stenosed** [BG18]. **stenoses** [JV18, SCZ+17]. **stenosis** [PP18a, RRR19, RRR20]. **stenotic** [Pon17, SSG15b]. **stent** [MSM15]. **Step** [Pet15b, ARB19, AO19, AM18c, BNY15, BK18c, DLBQ19, EO18, EKO19, EA15b, FR16, GJNC18, HH18b, HM15b, LGO17, LC15b, LD18a, LY16b, LMD19, MDZ17, MKS19, PBBF18, QLZ15, RSKB15, RSKB16, RS17a, RP18, RR18a, RN19, RT18a, SGKR19, TRP15, USCA15, USCAAA15, VBG+17, WLFH17, YZMM15, Yue19, ZWZ19a, ZYX19, ZSZW16, ZYZ+16a]. **step-size** [QLZ15, RSKB15, RSKB16, SGKR19, ZSZW16]. **Stepanov** [CZP15]. **Stepanov-like** [CZP15]. **Steplength** [CRZ19, PL15d, dSRTZ18]. **steplengths** [GLL15b]. **stepping** [BES19, BS19b, KK16b, Xu19e]. **steps** [AM18c]. **stepsize** [Gon18, Oni18]. **Stepwise** [Gut18, SY15a]. **Stewartson** [GML18]. **stick** [CLR16b]. **stick-model** [CLR16b]. **Stieltjes** [DF18]. **stiff** [FY19, Li16b, NH17, TZ18a, YG15b, ZZ19c]. **stiffened** [AM15b, NMNTBXVD15]. **stiffly** [Xu19e]. **Stiglitz** [TES15]. **Still** [UK18]. **Stirling** [BMRW19]. **stirred** [CKKF16]. **Stochastic** [AM15a, CWLA18, DLY+17a, ELP+18, GSZ15, Hac17, JPZ+19, LLL16a, LML18b, MD15a, NR16, SWUE19, Wan15b, WSH+18, XL18b, XJZ19, ZPZ+19, ALL18a, ARB19, AEB18, AL15b, Alz15, AS15, AELH15, AAH19, BT15a, CÁGGLP16, CKW17, CJG+18, CLR16a, CGZ17, CZM18, Cov19, DS16a, DK15c, DJ15, DWS19, Du15, Fan15a, Fan17, FMDZ19, FYZ16, FQMR19, FZG19, GW15a, GDL16, Gao17b, GXLL19, GLM19, GR15a, GJP18, GE16, GWXZ18, GZD19, HKL15, HJ15, HMD19, HL15b, HH18b, HC18, JAU15, JA15, JYS16, JZ19b, JZ15b, KMP19, KLZ19, KBK15, KSA19, KRA+18b, LPKS16, LY15d, LJ15a, LC15b, LWZ16, Li17a, LKZ18, LLZD18b, LLZ+19, LXD19, LZ19a, LYZ19, LSL19a, LC15c,

LZ15b, LDD15, Liu15d, LC15d, LB15b, LZL15b, LZ15c, LB16a, LC16b, LB16b, LGL16, LDH18, LYZL18, LYM18, LJHA18, LJS18, LXZL19, Liu19, LGL19c, LMD19, LL15f, LRH15, LjL15b, LLB16, LD19c, LTZ+17, Luo19, MDZ15]. **stochastic** [MHM15, MZM15, MLT17, MLG18, Mil16, MSS15, MGMM17, MDZ17, NBAGS19, NT19, NM15, Nak18, Obr19, OL15, PS18a, PCW15, PYZS18, QG16, QKGW18, QD18, RN18, RN19, RT18a, RWY19, RRTR15, RXL19, SSKA16, SM15b, SRJ+15, SMG19, SAS19, SZPH16, SSZL17, Świ15, ŚKK+18, TTZ+19, TB17a, TRP15, TLGX15, TMPG17, TFLZ19, TIT15, Vad19, Vid18, Wan15c, WDLL15, Wan16a, WWZD16, WJHA17, WCZY17, WDLS18, WY19, WZS19, WWMX16, WL19c, WZ18b, WSZ18, XKWG15, XSLW17, XPG15, XHW15, XDH19, XL19, YL17, YSL18, YPZ18, YCX+19, YSL19, YYWH19, YG15b, YDLK15, YMMH15, YLZT17, YYZ19, ZZL+18a, ZGGY19, ZDPZ15, ZJ15a, ZY15a, ZYXF17, ZXS+18, ZKKZ18, ZYSL19, ZCAN19, ZCCZ19, ZZ19b, Zha19c, ZC19a, ZJ15b, ZFZK15, ZSY15, ZYZ15, Zha15g, ZZ16b, ZY18b, ZYX19, ZBL15, Zho15b, ZTW16, ZH16, ZPM16, ZYZ16b, ZSL+18, ZL15c, ZXX+19, JO15]. **stochasticity** [GLM16]. **stock** [Cim18, FHM16, HI15b, Lah18, LZZ15, MZC19, MM16, MTCV+16]. **stock-recruitment** [MM16]. **Stokes** [DKKR16, ZZ15d, ABS15, ABGL17, BFR18, BS19b, DL15b, DQ18, DC16, Ers16b, FZLZ19, FFG+16, HMT15a, Jai18, KMB16, LML18a, MPP17, Qiu18, RC17a, Rub19, SH16, TA16, WZWJ18, YLL18, Yil16, ZL17a, Zha17c, ZW18, ZS19b, dFGAN18]. **Stokes-Voigt** [YLL18]. **Stokes/DSMC** [FFG+16]. **Stolarsky** [Jan15]. **stone** [PG15a]. **stopping** [Arm19]. **storage** [HKW+17, UMF19]. **Störmer** [LZ17b]. **Störmer-Cowell** [LZ17b]. **STP** [WLWA18, ZLK+19]. **Strain** [VB15, AB18, CX19, FG15, HK18b, KM15a, KMR18, LL19b]. **Strain-hardening** [VB15]. **strains** [CWFL15]. **Strang** [ÇT16, EMO18]. **Strategic** [GOH18]. **strategies** [BPC15, CZL18, CDZ+18, fGlHyL+15, HR18, KCSD+18, LB15a, LPZL16, LTC16, LLL16b, MN15, PP15a, SNAR15, XTXW15, XXZ+18, YLW16, YJYH15, ZGH16]. **Strategy** [WLWA18, ZSL17, AKT19, CK17, hCWW+15, EFL18, HW17c, HLC19, KWT15, MLS19, QZJY15, QTTL19, RXZW17, SJ19b, SHC+17, SZT17, Tan17a, Tan17b, TXL19, WS19a, WRZ19, WL19b, XDG+19, YLZT17, ZLWS15, ZH17, ZXD15]. **Strategy-updating** [ZSL17]. **stratification** [RNM15]. **stratified** [LFY18]. **Stratonovich** [MH17b]. **stream** [HRS17, SH16]. **streamfunction** [BFR18]. **strength** [ACP19, AC19, BLNSF17, Moh19, SSPCPG+16]. **Stress** [AM15b, AAE19, BKZA18, KM15a, SMG+18, SCM19, VVA+15]. **stressed** [YJY16]. **stresses** [HM19a]. **stretching** [EM15, HAMA14, MP18, PMV16, Pan15, PK18a, SS18a, Sha12]. **stretching/shrinking** [MP18, PMV16]. **strict** [ZW19b]. **strictly** [APS16, Zad16]. **strikes** [NSN+18]. **string** [DF18]. **strip** [QBNF19]. **stripe** [WHM+19]. **Strong** [GLM19, GIK19, LYZ19, Nak15, TM19, TY18, Val18, YW18b, YSL19, Yue19, CP15c, DL16, GR17a, Jur17, LML18b, MMS17a, Mos16, PSSX17, WZ18a, ZMH18]. **stronger** [JGGK15]. **Strongly** [Wil18, Boi15, GS11, JPTL15, RM19a, RMK19, Sun15a, YW19b, ZS15d]. **Structural** [ES17b, LTUZ15, DDdF16, Dim17, DL15a, PG15a, WZ19, YwFW+19, Yua15]. **Structure** [YUK19, ZW19a, BK18a, BK18b, BB18a, BY19, CLZW19, CNK+18, DB16, EKO19, Ili19a, Kha17, KB17, KFHH15, LX16a, LWPL16, LWWW15, LGL16, LZWZ19, MCO19, MCZ15, RRT15, STK15,

Ter15, TSA15, TSPF18, WMSP19, Yos19, ZYZ15, ZCML19, ZMC+19b, dSSB+16]. **structure-preserving** [BB18a, WMSP19, Yos19]. **Structured** [DLQ17, AO15b, AA16, BK18b, CMW17, FHV15, FG15, JT16, LYZ19, LPL17, Par18b, RS19, WWK19, XGZ17, YLLH19, YW19a, ZZHT17, ZG18, ZwX16]. **structures** [AZ14, ASM16, AZ19, DH19b, Den15, DLD16, DNC+17, FMSG15, KCWK15, LS19a, MLS19, Pai15b, PP19, RM18b, SZ19c, VB15, WG15b, ZAY18, ZGZ16, dSR15]. **student** [NSN+18]. **studies** [AK19a, Guo16, Ili19b, MSHG16, WWZ19]. **Study** [BG18, CKKF16, CGWW17, MS17a, ADSS16, ADG16, BKZA18, BGMS18, Boy17, CDHK15, CNK+18, CST+15, ERFE16, FFL16, GHN+16, GWPA18, IR16, JMK17, KM15c, Kim18, KKS+16, LL17b, LH17c, LW18d, Liu17a, LZWZ19, DPL18a, LMMR15, MC17, MFF15, MMM18, MK16, MKN15b, NFS+15, PBP19, PMC16, Pon17, QBNF19, RS15a, SK17a, SS16, SSG15b, SG19b, TDA17, VK19, WC15b, YG15a, ZS16a, Zha16b, ZYJ15]. **studying** [PH17]. **Sturm** [AYD19, CZ18a, CD15c, Deh16, FFT15, GZZL17, MNR19, PSPÁV15, PS15b, ZW15a, ZjA19]. **Sturmian** [Özb15]. **style** [LD17, LLZD18a]. **sub** [CD15c, DSSC19, HZS15, cJzS15, JPTL15, LW19b, OA18, PeO18, SA16b, WR19, YAIN17]. **sub-diffusion** [DSSC19, cJzS15, LW19b, PeO18, SA16b, WR19, YAIN17]. **sub-feasible** [JPTL15]. **sub-optimal** [OA18]. **sub-populations** [HZS15]. **sub-superlinear** [CD15c]. **subadditive** [Jur17, MK15c]. **subcells** [LZ19c, MO16]. **Subclass** [SA18b, DEK15, LH15]. **subclasses** [SKA16]. **subcubic** [CR19b]. **subdifferential** [LZ15e, LLB16]. **subdiffusion** [HLLT15, LHWG16, OL19, YWZ18]. **subdivision** [ACRZ18, ADS16, CCGP16, CZ17b, DJLX17, Ewa16, eFJY17, HM17, LC18, MH19b, NZZ16, NRY16, RS15b, RS15c, RS16a, RSAF16, SBL16, SuSR15, SN15c, SuSB15, SuSR16, SX15, TTZX15, TST16, ZZS+19, ZZ17b]. **subdivisions** [XZC16a]. **subdomains** [SHHC18]. **subdominant** [DM18]. **subglottal** [SH18b]. **subgradient** [LWW15c]. **subgraphs** [BKKBS19, LVAB+16]. **subgrid** [BR17, KÇ18a]. **Subharmonic** [Zho15e]. **SubIval** [Sow18]. **subject** [CCL+16, HXW+19b, Kun16, LSZ+19a, Liu15f, LXTF18, MFJZ15, NT16, NPT19, SMG19, TLGX15, WYCZ17, WHWW19]. **subjected** [AKR15, NND+18, Pov15]. **submerged** [SSG+15a]. **submultiplicative** [Jur17]. **subordinations** [LO15]. **subpopulation** [JLX15b]. **subquadratic** [Lv16]. **subsets** [GHM18, LZ15a]. **subsidy** [ZSW+17]. **subsonic** [Ber15]. **subspace** [CRC15, LHLL19, Rui18]. **subspaces** [TQC15]. **substepping** [LS17b]. **Substitution** [SGFCRM+18]. **substructure** [ZW19a]. **substructures** [LLMW18]. **subsystems** [CGW19, JPZ+19, NS15b, YZ16, ZMC19a]. **subtransient** [BB18b]. **subtree** [LWW19, YwFW+19]. **Subtrees** [YLWF15, YLWF16]. **success** [Nad15]. **Successive** [Bor19, Du15, PWS17]. **such** [AZ14, AZ19]. **suction** [MKN15b]. **Sufficient** [RG18a, ZM18a, CS15b, GXLL19, LZY+17, ZWL18]. **Sugeno** [CGAL19, DAS17, LZ18c]. **suitable** [DGN16]. **sum** [ACP19, AF15, DD16a, DJW19, Du17b, GA17, GA18, GS18b, HHR17, IÖ19, KKST17, LL15a, LQZ16, LGS+18, LW18e, MR19, NC16, NP18, NE15, WX19b, WL18b, XY15b, XLG18, YSY+17, Zha19a]. **sum-Balaban** [KKST17]. **sum-connectivity** [DD16a, GA18, LL15a]. **sum-of-processed** [XY15b]. **sum-of-ratios** [AF15, GS18b]. **summability** [Bor15a, KBS17]. **summation**

[AIK15, GM15b, Sha15d]. **summation-integral** [GM15b]. **sums** [AGN15, AH18a, ALN16, BCK15, FvdMS15, TYD15, WS19c, XX19a, Xu19a, Zha18d]. **Sumudu** [GT19, PKB18]. **sun** [SA16a]. **sup** [dFGAN18, dFGAN19]. **Super** [HTM18, WZZT19, CZLM18, IWL17, MK15a, MMG17, UKS+16]. **Super-critical** [WZZT19]. **super-diffusion** [IWL17]. **super-fast** [UKS+16]. **super-order** [CZLM18]. **super-predator** [MMG17]. **Superconvergence** [Bac15, HL16, SLW16a, SY18b, SY19, XS19b, Bej17, DFJ16, LX18, MHZ18, SW17b, SW17a]. **Superconvergent** [SST15]. **superelements** [SM15c]. **Supereulerian** [DLZ18]. **superhydrophobic** [FK18a]. **superlinear** [CD15c, LZCL18]. **superlinearly** [LHJ15]. **superorganism** [Tre15]. **superposition** [ZG15a]. **superquadratic** [Che15d, ZZZ15b]. **supersingular** [Li17c]. **supervised** [SZ18b]. **SUPG** [GS17a]. **Supplementary** [ZL19b]. **supplementation** [HHY19]. **supplier** [Haf17, KPLC15, MBM16, SCB15]. **supply** [CLT+15, DKL15, PMSB15, WC15b]. **supplying** [BL15, BL18]. **support** [APMM18, CS16b, GI16, GlH+19, KSK+15, Lah18, MJSA19, Rom19, YSD+17, ZBKS16]. **supported** [Kia15, SZ18a, YBZ18]. **supports** [JA17]. **Suppressing** [DG15a]. **supraglottal** [SH18b]. **sure** [LZ15b, LDH18, RN19, XDH19]. **surely** [MZM15]. **surface** [AwEE15, BKL+18, DMA+19, EFPT18, HRS17, KRF17, KHN19, Kud19a, KS19b, Kun16, LWQ18, LG17, LC18, LMZ+19, MKRS16, Pan15, PBMP15, SDGU16, Sha12, SBH17, SCS+15, VVA+15, WJGM19, AAC16]. **Surfaces** [AK15d, BM19c, Bra15, DP15b, FK18a, GT15b, HH19, HQJ+15, LLJ19, RSAF16, WF15a, XZW+15, YCH19, ZQ18, ZZW17]. **surrogate** [XRB17]. **surrounded** [CD16b]. **survey** [Cat19, Che18b, KSK+15]. **Survival** [LZ19a, YYZ19]. **susceptible** [LLL16b]. **suspension** [Kan15, LWLM19, MX17, YM18]. **Sustainable** [ZLLP18, Haf17]. **Suzuki** [TTP16]. **SV** [CHL17]. **SV-** [CHL17]. **SVEIR** [WLZ16]. **SVM** [MPLS19, NFS+15]. **SVM-based** [NFS+15]. **swallowtail** [FLS18]. **swaps** [CLR16a, YYWH19, ZL15c]. **swarm** [CYGL18, CS16c, DGL+15, KLZT15, LYC15, ÖÖAD15, SA16a, SBG+17, TIT15, WL19b, YJYH15]. **Sweep** [AAS+17]. **Swift** [BAV18, KR16, ZEF19]. **swimmer** [BTP17]. **swimming** [BTP17]. **switch** [XCW19]. **Switched** [LZLW17, CGW19, DL17c, DCJ19, GWW15, HXW+19b, JPZ+19, LLZ15, LX16b, LSZ+18, LSMT18, LXD19, LGCS19, LPS19, LLLZ16, LLZ17, Liu15e, MFJZ15, RZHY16, RWW18, SSKA16, SKKL17, SFSR18, SJL16, TN19, TCS15, WZYS15, WZZL16, WXX18, WSH+18, WJZF19, WCB19, XPZ18, XZZ+18, XXW+19, XXZY19, YZ16, YMeFG19, ZLLZ16, ZLDZ17, ZMC19a, ZZC16, ZFZK15]. **switches** [XJZ+15]. **Switching** [DK17, GGHL15, CGW19, CGZ17, DL17c, Fan17, GHQ17, HL15b, HW17c, HXW+19b, JZ15b, Kur19, LZ19a, LXJ+17, LYM18, LJS18, Obr19, OL15, PAJ+19, QG16, QZCJ19, Sha16a, SSCX18, SWZ+19, SJL16, WXX18, WRX+19, WZS19, YMeFG19, ZPZ+19, ZC19a, ZH16, ZJO+18]. **switchings** [Wan15b]. **Sylvester** [DS19, HGM15b, HM18a, HM18b, KM15b, XM15, YZ15b, Zha16d, ZWT15, ZCC15]. **Sylvester-conjugate** [HM18a, XM15]. **Sylvester-transpose** [HM18b]. **symbol** [Bag15]. **Symbolic** [FT17, PH17, CH18c, NSM16, RRM16]. **symbols** [JKK15]. **Symmetric** [Cov19, DH15, GY15, TZ19a, AF18, AM15b, ADSS16, ÁL15a, BBGR15, BFJ+17, CGJV16, CR15, CL19b, DLQ17, ESS16,

GDL16, HLLT15, JJ15a, JGBY16, LH17a, LW15d, LXCK17, LM19, LXL17, Tch15, YX19b, YWRP16, YZ15b, ZD17, ZF18, ZWZ19a, ZM15c, ZM18b].
symmetric-triangular [CL19b].
symmetrical [BG18, Can16]. **Symmetries** [LMF17, STL17, eMBHA15, ACE19b, CS16a, CD15d, EHdLS16, FCM17, RM18b, TTXZ16, dlRGB16]. **Symmetry** [BHM15, FMC15, HCH16, ZMZ18, AADMM16, Cim18, DOZ18, KMA16, Kri19a, Nas19, SJD$^+$18, SZ18a, XHW18].
Symplectic [LJS17, CWG15, Ely15, Fio15, Fio16, HMD19, MD15a, TLL16, TSZ19, ZYY17].
Symplecticity [TZ18c].
Symplecticity-preserving [TZ18c].
Symposium [ZS16b]. **synapse** [MNJM19].
synapse-modulated [MNJM19]. **synaptic** [PC17]. **synched** [FFGRSV19].
Synchronizability [PAJ$^+$19, SLWX15].
Synchronization [AY16a, CVMGPPGC15, DK17, Fan15b, FYSC18, GCAA18, LSZ$^+$19a, LMZZ19, MGPPGCCV15, MPS15, RMB15, SRCA17, Wu15, YWZS18, YFW$^+$17, ZZL17, ZWBC18, BK18b, BPC15, CPCQ17, CLPY18, DZ17b, FYZ16, GWWL17, GJX$^+$19, HXW$^+$19a, JZ15b, KBR15, LPKS16, LCAA17, LLC18, LTQF19, LGC19b, LZM$^+$18, LDS$^+$18, LS16, LCLZ19, MMZ$^+$17, MLSX18, MGCAPP16, PRC$^+$19, RVGS17, SAJ18, SAM$^+$16, SLZ$^+$16, SSPCPG$^+$16, SS15c, SML18, SGY$^+$15, TTZ$^+$19, TDL$^+$17, WWZD16, WHX18, WY18, WSH$^+$18, WDG19a, WRX$^+$19, WHWW19, WZK15, XLJC18, XKG15, XXZ$^+$18, XCL18, YWS$^+$19, YYS17, ZZLZ17, ZZL$^+$18a, ZPZ$^+$19, ZDPZ15, ZWHC15, ZYXF17, ZHWW17, ZCCZ19, ZCX19, ZDF17]. **synchronizing** [GWXZ18, LLCR15]. **synchronous** [ADMV19b, BB18b]. **synthesis** [BS15a, LQC$^+$18, ZZC16, Zha19b]. **System** [SM16, dNdOX$^+$15, AN15, ARSV15, APMM18, ABMA19, AS15, KGGAV$^+$18, AADF18, ASM16, BDSS15, Bho15, BL15, BL18, CCY19a, Cao19, CLC$^+$19, CDHK15, CHL15, CKW15, CXMP16, CCL$^+$16, CY18, Che15f, CS18, CLT$^+$15, CZ15c, DMP19, DCT19, DS16a, DHY$^+$18, DSB15, DCR15, DHMT15, DX17, Ery15, EA15b, FAHZ16, FM17a, FDPP18, FMC15, FK18a, FM16, GG16, Gao18, GIS15, GL15b, GYW15, GLW15, HGG16, HW18, HMF15, HP16, HMW16, HJKP18, HRLGÁ18, HST17, Hsi15, HXS$^+$16, HCX$^+$17a, HYZ$^+$18, HCY$^+$18, HSSH18, IJ15, ID19, ILP$^+$15, JGGK15, JL15, JT16, KLZ19, KRS18, KLW15, Kha17, KN19, KNBA15, KL16, KZ15, LXPD15, Li15a, LJW$^+$15, LZS15, LW16, LY17, LKZ18, LH19a, LK19a, LL19c, LZY$^+$17, LC15c, Liu15e, LL16c, LLZ$^+$16, LYZL18, LMW18, LXZL19, LZKX19, LCW19b, LLWW19, LWW15c, LD19c, MWWM15, MM15a, MHX17, MJ19, MGPPGCCV15, MJSA19, MLT17]. **system** [MAG15, MH17b, MTB18, MFMK17, Moh19, Mon19, NS15b, NWN15, NS17b, OL15, OB18, PL15a, Par18b, PN15a, PW19b, PG15b, PZ16b, Pet15a, PZ19, PP18b, QKGW18, RWH15, RLGGAV15, SA16a, Sah15, SP19, SR15a, SR15c, SKKL17, SS18b, Seg15, SSB15a, SSA18, SLW15, SN18a, SN18b, SRK18, SFC$^+$17, SWY18, SY18c, SNL19, SDIS15, SCZ$^+$17, Su16, SX16, SLS$^+$18, TVK$^+$16, Tal15, TLGX15, TIT15, WLJ15, WLZW15, WA15b, Wan15f, WA15a, Wan16b, WL18a, Wan19b, WD19, WNN16, WAS19, WZK15, WF15b, WLL16, WLL$^+$19, XYDL16, XH16, XZCC15, XZ19, XCW19, Xu15a, XJZ19, YWL18, YY17, YX19b, YmZHC15, YSZ19, Yüz15, ZT16a, ZSK$^+$19, ZLW15, ZLL15c, ZS15a, ZZZ15b, ZS15c, ZLZ16, Zha16c, ZLH16, Zha16d, ZWaY18, ZW19b, ZWY19, ZCX19, ZZL15a, ZZH15, ZCQ15, ZHX$^+$17, ZMT15, ZXL15, ZPT$^+$15, dSVR17, KI15].
Systems [HL17, LZLW17, YSWZ17,

ABC+16, AK16a, ASHSC17, ASASM16, AHP19, ADMV19b, AIG17, AL15b, AM19, ACDT18, AK15b, Ant18, AND17, AM18c, ACC16, AKA19, AZAM15, BCST19, BLK19, BGRT15, BAE15, BR16a, BDSS18, BR16b, BKW18, BK18d, CT17a, CÁGGLP16, CGCK19, CEMR16, CR15, CS17, CGW19, CFSGM17, CGM16, CTT+19, CXP16, CLXW17, CWHY15, CC15, CXL16a, CCQS16, CXL16b, CYSY16, Che16c, CL16c, CD16a, CGZ17, CLCW17, CPCQ17, CZM18, CXZZ18, CLZW19, CCL+16, CGAL19, CD15d, CB19, CL19c, CN19b, CVMGPPGC15, CXW+19, CSL19, DHX+19, DG15a, DQH18, DHQ19, DB18, DTM19, DR19, DH15, DB16, DBV18, DKBS15, DHS19, DKKR16, DL17c, DLXZ19, DH17, DOZ18, DZC15, Du17a, DCJ19, DG15b, EFPT18, Ely15, Ely18, EKO19, EHdLS16, EE18, FP18a, Fan15a, FW18a, FZL19, FMDZ19, FLL15, FXXC19, Fer15, FG19, Fio16]. **systems** [FNS15, FY19, FLYG18, FZG19, GRV15, GDM16, GWW15, GW15a, GSZ15, GWSC16, GDL16, GHQ17, GZC19, GMOGCCC15, GSPH19, GLN15, GWPA18, GSD16, GWXZ18, GYC19, GSVK17, HPR18, HMD19, HRS15, HV15, HR18, HWY15a, HW17b, HT16, How16, HZK+19, HMT15b, IB15, IKMW15, JLX15a, JGX15, JS16, JGKL16, JZ19b, JAN16, KLKU18, Kim15b, Kim19, KLS15, KML19, KEE17, KPP17, KKL18, LPKS16, LLP17, LK15, LLCR15, LY15d, LLZ15, LL15b, LSAR15, LY15b, LG15, LY16a, LCY16, LX16b, LSZY17, Li17d, LW17a, LLC18, LZjy18, LBRS18, LSMT18, LSLZ18, LZ18c, LQC+18, LLZD18b, LM19, LSZ+19b, LGCS19, LPS19, LSL19a, LZ17c, LXC+19, LLLZ16, LLZ17, LC15d, LGK15, LZL15b, LS16, LGL16, LHS18, LXW+18, LNWS18, LZHC18, LS19c, LXZ19b, LMZ+19, LHZM19, LLX+19, LGL19c, LJ19, LLdM15, LVC15, LWZZ18, LZH+18, LJHW19, LSL19b, LJS17, LGHW19, LTZ+17, Lv16, Lv18, MFJZ15, MM15b, MC15a, MD15a, MJL16, Ma17b, MWRT17]. **systems** [MWY17, MLSX18, Maa15, MA16, MAR15, MB15a, MRQZ19, MH17c, MGMM17, Nak18, NBK16, NT16, NPT19, NHWZ15, NSM16, OLZ19, OB18, Pai15a, PY19a, PY19b, PR15a, PST18, Pla15, Pop17, QG16, QZCJ19, QTF+16, Rad17, RN18, RZHY16, RWW18, RXLM19, RXQ19, RRV15, RB15, SRSZ15, SSKA16, SJWK18, SM17, SZ19b, SMZ15, SSCX18, SSK15, SSB16, Sha15f, SYZP16, SY17a, SLLC19, SMG19, SLZ+16, SY18a, SFSR18, SML+15, SPGP18, SGKR19, SR19, SSS15, SZPH16, SDP16, SZ17, SMZ+17, SWSW19, SJL16, SGY+15, SZ16, SWZL19, TFLZ19, TPL16, TZ19a, Tan17a, TNMR18, Tha15, TN19, TCS15, TPCL15, TB17b, TNPL15, TTV15, TTXZ16, USCA15, USCAAA15, Val15, VMLO19, WZAF15, WDLL15, WY15a, WZYS15, Wan15b, WZZL16, WZ16a, Wan16a, WWZD16, WS16, WMZ16, WDZ17, WHTW17, WLZY17, WCZY17, WH18, WLH+18, WXX18, WDLS18, WXWX18, WS19a, Wan19a, WDG19a, WDLZ19]. **systems** [WLZ19a, WJZF19, WL19a, WL19b, WCB19, WXXY19, bWzZjH16, WWHZ18, WSYL18, WNW+19, XZLZ17, XD19, XZL15, XY15a, XY17, XY18, XPZ18, XCDZ19, XKWG15, XXW+19, XCY18, XCCL18, XH19a, XZHX17, XCL18, XSSW19, XDH19, XGQW19, XZLL17, YW15, YSL18, YPZ18, YKJY17, YLHS17, YD18, YLCW18, YWZS18, YZ19, YL19a, YWS+19, YCX+19, YLP19, YUK19, YDLK15, YLW19, YZ16, YJMH18, ZSS15, ZLHH15, ZZLZ17, ZLW19, ZLDZ16, ZLLZ16, ZLDZ17, ZZL17, ZAY18, ZMC19a, Zha15a, ZW15b, ZZC16, ZZL16a, ZSS16, ZD17, ZLM+18, ZXS+18, Zha19b, ZWZ19a, ZCAN19, ZX19, ZCW19a, ZZMS19, ZG15a, ZJ15b, ZFZK15, ZZ16b, ZYLY17, ZJYD17, ZWO+19, ZMC+19b, ZM15c, ZM18b, ZPM16, ZYWW16, ZSL+18,

ZZL15b, ZXX+19, dSH17, fP15]. **Szász** [MMS17b, SV15b, Aca15, DPD18, GR15c, GG15b, KA15a, KM18a, MS16b, MNK19, KTA15, MDG18]. **Szeged** [BKL+17, CT17b, HKS19, JLW18, Wan17b, WLQZ18]. **Szego** [CMR17]. **Szokefalvi** [GDF+17].

T [PK18a, CFSGM17, DH17, GSPH19, KSM+19, KRA+18b, LSLZ18, MK15b, PRMC19, WJHA17, Zha19b]. **T-cell** [PRMC19, WJHA17]. **T-cells** [MK15b]. **T-point** [CFSGM17]. **T-S** [DH17, GSPH19, KSM+19, Zha19b]. **T.E.A.M.** [KKKD18]. **tableaux** [WC15a]. **tables** [HLFZ19]. **tactics** [BAGN+19]. **tag** [ZY16]. **tag-mediated** [ZY16]. **Tail** [JPY16]. **tailored** [YW19b]. **Takagi** [CGAL19, LZ18c]. **Takens** [LWZ+19b]. **Takeover** [BLA15]. **Takes** [TKDF15]. **Taking** [RPJ+18, SWSS18]. **tamed** [TY18]. **tangent** [Qi15, Sah19a]. **tanh** [ND15]. **tanh-function** [ND15]. **Tanimoto** [DV15]. **Tank** [CCL+16, UMF19]. **Tanner** [CY18]. **taper** [FVMO15]. **tapered** [RRR19, RRR20, SM15c]. **tardiness** [XYZK15]. **tardy** [WYW16]. **target** [EA15a, SCS+15, WRZ19]. **targeted** [ZSW+17]. **task** [Świ15]. **Tasso** [S.15]. **Tau** [AD16, EE18, SLC18]. **Tavakoli** [WL18a]. **Taylor** [Sab18, ABMBR15, AP19, BS16, Ben18, DQW+19, EAAAS15, GDS16, GIS15, HMT15a, KK17, MM04, Mil16, Muk16, Par15]. **Taylor-series** [Par15]. **TB** [SSGG17]. **Tchebychef** [Bor15b]. **TCP** [PW19b]. **TCP-RED** [PW19b]. **TD** [JLL16]. **Teaching** [bOqGyK+15, ZL19c]. **Teaching-learning** [bOqGyK+15]. **technique** [AOH17, AL18d, CST+15, DQW+19, GZK16, GLA+17, IH15, JM15, KMBA18, KD18, LL15c, LHLL19, LXZ19b, MC15c, NWNA15, NWN15, PAE+17, PZ16a, PeO18, PKB18, RG18b, SM16, SN15a, SN15b, SH16, SZO16, SN18a, SN18b, SHEBS19, SCN15, TPCL15, YMS16, ZZ18c]. **Techniques** [SCR+15, AHO18, ABMA19, BCNN19, HS15b, KKKD18, Kim19, LK18, MKN+15a, MA15c, Oli17, OA18, Pel17, RC17b, uIHA18]. **technology** [AM19, KK15b, TKDF15, TD18, Zho17]. **telegraph** [MZM16, PRD19, SR16b, Yüz16b]. **telegraphic** [MD17]. **Teller** [RZMB17]. **temperature** [DWT17, HRS17, JDL15, Liu17b, PG15a, SFC+17, SCM19, Tha18b, dFKMM15]. **temperature-dependent** [Liu17b]. **tempered** [ZLD18]. **templates** [BDBKV19]. **temples** [PG15a]. **temporal** [AKL19, CVJ19, ZHW16, ZYLY19]. **temptations** [BKAAM15]. **ten** [Xu19a]. **tens** [MHCF15]. **tensile** [MWY15]. **tension** [GLA+17, SuSB15]. **tensor** [DPSS16, HW19, LB15a, MH19b, NKP16, RVE19, Van15, WC17, YLLH19]. **tensor-based** [RVE19]. **tensorial** [TG19]. **tensors** [CLQ16, LLL19a, WDB18, YLLH19, YKZ15]. **tenth** [RS17a]. **Term** [SM16, ARL15, Ali15, APL15, BD17, BDGS15, BB15d, CLY17, CZP15, DLH15, DX17, GM19, HQ15, HAH19, KCWK15, LLY15, LC16a, Li17b, LM15, NR16, RZW18, SZL+18, SM18, Tan15d, TY16, TDL+17, WCHW19, Xu17a, ZZ15a, ZLLA19, ZZL18b, ZLL18]. **terminal** [ZCAN19, ZYLY17]. **termination** [Zha15i]. **terms** [AY16a, Bot15, CXW18, DMG15, KAI19, KKT19, KNT17, LRF+18, LCAA17, Ma17a, QM15b, RMSD16, ZSS15, Zha16c]. **ternary** [ACRZ18, Par18a, RS15c, RS16a, SuSB15]. **terrorism** [BAGN+19]. **test** [BCM17, Che19, FFH+18]. **testing** [CLR15, SFC+17, WZM15]. **Tetravalent** [CC18c, FHK+19, LXCK17]. **text** [JM15]. **textiles** [YX15]. **textural** [TM18]. **texture** [LAVME18]. **TFETI** [SHHC18]. **th** [XHW15, ZWK16]. **th-order** [ZWK16].

their [AK18a, AADMM16, BD15, BCMT15b, BCMT15a, BR16a, BMRW19, BM19d, DL17a, DOR18, DHS19, DU18, GLL15a, GKN15a, GKM16, GKN16, GKS16, GS18a, GR19a, Gut17, HARS15, HZL18, HL18, JO15, JRSK16, Jar15, LW19c, MH19b, OB18, PS16, RSGFV16, RG19, SA16d, Sim15, SX15, TTD17, WGL18, XLS18, YZ18b, YWL19, ZS16a]. **them** [AM15c, RP18, TW15b]. **theorem** [AK15b, AM15h, Boy15, BCFR18, BZ15, CCR18, CZ15c, GRV15, GK15, GS11, LC15a, MY19, Pro16, Reh18, Sil16, TA16, WYL19a, YQD17, Yua19, ZS15d]. **theorems** [ACS15, BLS15, CC15, Ely15, KBS17, Kar19, KCKZ15, Kur18, LR19a, LZCW19, MDG18, SMZ15, SPKC16, Sug17]. **theoretic** [DH17, GWXZ18, WH15]. **Theoretical** [HHT19, Kim15a, Oka18b, SK17a, YYM19, ZYZW16, GLR$^+$18, GG15c, KM15a]. **Theory** [BKS18, CPS18, JDS18, WE19, AK16a, Alf17, AR15, AB18, BLA15, CCLS16, CLSS19, DJW19, GDM16, GDF$^+$17, Han19, HP17, HHY19, JDL15, JG17, KEE17, LF15, LpLxG18, Özb15, SSA19, TWF$^+$18, WWC$^+$18, ZZLY15, ZCX17, ZL19a, ZL19b]. **therapeutic** [Kun16]. **therapy** [MK15b, XGZ17]. **thermal** [ABB$^+$18, BES19, CDFP17, DLS19, KBK$^+$16, KK15b, Liu17b, MR16a, SRP17, SMR15, SMG$^+$18, Ste19, SCM19, WQ15, WYD$^+$18, YX15, YJW16, ZFL18]. **thermally** [AKR15, PK15]. **Thermistor** [SY18b, SY19]. **Thermo** [Rad15, SM15c, Ton18]. **Thermo-elastic** [Rad15, SM15c, Ton18]. **Thermoelastic** [AKR15, DDY15, DL15a, FM17a, FM17b, HW18, OTH16, SH18a]. **thermoelasticity** [FM17a, Pov15]. **thermographic** [ABB$^+$18]. **thermoviscoelastic** [ARSV15]. **theta** [DT16, LZH19, LMD19, RLZ19, TY18, Yue19]. **thick** [JA17, LZL15a, PBP19, ZLL15b]. **thickness** [AwEE15, DDY15]. **thin** [AL18a, AAMC19, BTH18, RDM19, WL16a, ZZ18b]. **Third** [LZH16, Maa15, RR18a, AKS15, AH15, Awa15, BGST16, CS16a, CP19, CN15c, DB17, DJ18, FFT15, GPHAPRW16, GJZ19, IAW18, JISI18, NKS18, SST17, Sak19, SM18, Ugu19, WZ15b, ZX16]. **Third-** [LZH16]. **third-order** [BGST16, DB17, DJ18, FFT15, GJZ19, Ugu19]. **Three** [AKT19, CZ15b, KKG18, MB17, ALMCDH$^+$18, ADG16, AG15c, ATX19, AADMM16, BBGR15, CC18a, DKP16, DCS15, DDdF16, Dim17, DLH15, ESS16, ESES16, EA15b, FFN18, GG16, GKN16, GPHAPRW16, GZG$^+$15, GYC19, HSSH18, JFT17, KL15, LWK15, Li18, LSL19a, LL19c, LA15, MWY17, MRE18, MH15a, MD17, MKS19, Moh19, Par18b, PZ15, RS15d, SK15, SdA18, SBV15, SJ18, SPGP18, TPS15, TST16, VBG$^+$17, WLLK17, YL19a, ZWBC18, ZXL15, ZGZ16, ZPT$^+$15, YJYH15]. **three-** [LA15]. **three-body** [SPGP18]. **three-component** [YL19a]. **three-derivative** [Li18]. **Three-dimensional** [KKG18, MB17, AADMM16, BBGR15, FFN18, GZG$^+$15, GYC19, MRE18, MH15a, MD17, SK15, SBV15, SJ18, TPS15, VBG$^+$17, ZGZ16, ZPT$^+$15]. **three-dimensions** [SdA18]. **three-level** [MKS19]. **three-neuron** [ZWBC18]. **three-order** [LWK15, WLLK17]. **three-player** [ESS16, ESES16]. **three-point** [GKN16, PZ15, TST16]. **three-point-based** [ALMCDH$^+$18]. **three-species** [Moh19]. **three-stage** [GPHAPRW16]. **three-step** [EA15b]. **Three-strategy** [AKT19]. **three-term** [DLH15]. **three-time-scale** [DKP16]. **three-to-one** [RS15d]. **Threshold** [LXT17, LJS18, QTTL19, WGLZ16, ZWD15, ZYZ16b, ASZD18, DM16]. **thresholding** [ZYH15]. **thresholds** [CCYT19]. **thrown** [How15a]. **tidy** [BKKBS19]. **TIFIM** [HWL$^+$19a]. **Tight** [BCK15, GL18a].

Tikhonov [KRS18, RR15, Red19, XX19b]. **Time** [AHK+19, BLA15, GR19b, GMPP18, LdCM19, LLTL18, LZLW17, LFY18, LYY15, Pov15, SH15b, UMF19, WXXY19, ZL17b, AKAA15, AS19a, AAF15, AR16a, AJ17, ABS15, AAA+15a, ADY16, ARL15, ASA19, AADLF15, AG15a, AY16a, AO19, AL18d, AK18b, AP15, BPC15, BAB18, BP17a, BD18, BS17, BNY15, BK18c, BKW18, BBFJ17, BRM+19, BES19, BJ19, BS19b, BVJ15, BL15, BL18, CÁGGLP16, CWG15, CGCK19, CL19a, CM18, Cha19, CJ18, CHL15, CCQS16, CYSY16, CWL16, CD16a, CGZ17, CZSH17, CLCW17, CZL18, CCL+16, CDL18, CL19c, CLT+15, CVA18, CP15d, CXW+19, Dan18, DS16a, DKP16, DAQI15, DWZ15, DL18b, DSB15, DKZ16, DLXZ19, Dol15, DHMT15, DOZ18, Du17a, DSSC19, DZ17a, DF16, ET15, Fan15b, FMDZ19, FDPP18, FLL15, FYZ16, FXXC19, FGPR18, FM16, GS17a, GWW15, GSZ15, GW15b, GHQ17, Gao18, GHW19, Gat18a]. **time** [GSPH19, Gol19, GPHAPRW16, GST15b, GLL15b, GZ15a, GZLL17, GWXZ18, GZD19, GSVK17, HO15, HFCS16, HW18, HH18a, HGH19a, HLIK19, HWY15a, HWY15b, HW17b, HK18b, HAH19, HSKHA15, HS15a, HT16, HS15b, HXW+19a, HYW+15, HXW+19b, HLH17, HHG19, HL15d, IB15, Ied15, Ino16, JHWZ15, JGX15, JGKL16, JSW+18, JX19, JAN16, KCZK15, Kan15, Kar19, KM17a, KN19, KI15, Kim15b, KSN15, KKS+16, KK16b, Kri19b, KRA+18b, KKL18, LLP17, LGO17, LY15d, LJ15a, LLY15, LSCK15, LCY16, LC16a, LX16b, LSZY17, LL17b, LCAA17, LW17a, LZCW18, LW18d, LSZ+18, LZ18a, LSMT18, LW18g, LSLZ18, LZ18c, LQC+18, LLZD18b, LX19b, LWZ+19b, LSZ+19b, LLZ+19, LXD19, LSL19a, LJL19, LLLZ16, LLZ17, LT15, LLZ+16, LY16b, LZG16, LGL16, LYZL18, LLL18c, LXW+18, LMW18, LZHC18, LXZ19b, LL19d, LS19b, LFC+19, LGL19c, LWZZ18, LJHW19, LSL19b, LM15, LHWG16, Luo19, MFJZ15, MC15a, MTY16, MJL16, MLSX18, MRC+18, MAR15]. **time** [MLG18, MLS19, Mil16, MDH15, MKS19, MS15d, Mon19, NR16, Nag17, Nak18, NT16, NLC19, NHWZ15, Pac19, Pai15a, Pai15b, PSM17, PY19b, PSSX17, PJ15, Prz15, QG16, QKGW18, QBC19, QZCJ19, QFS17, QLF15, QW19, RSC+17, RP19, RMB15, RG15, Reh18, RSLL+19, RZHY16, RW17, RLM19, Rog19, RZW18, Rub19, Rui18, SJWK18, SM15b, SSS17, SZ19b, SSZ+18, Sha16a, SSCX18, SYZP16, SLLC19, SzSC19, SLZ+16, SCC17, SZL+18, SY18b, SFSR18, SY19, Sku15, SDP16, SZ17, SMZ+17, SZFS17, SJL16, SzShG16, SLS+18, SWZL19, TTZ+19, TXG15, TNPL15, TDL+17, Upa16, WDLL15, WZYS15, WPL15, WA15a, WLS15, WZZL16, WSZ16, WMZ16, WMLG17, WDZ17, WYCZ17, WLZY17, WXX18, WHX18, WM18b, WDLS18, WXW18, WDG19a, WRX+19, WDLZ19, WR19, WJZF19, WCHW19, WCH15, WZY+19, WWC+15, Wu17, WSYL18, WV18, WNW+19, XH16, XZ18, XPZ18, XYG+18, XXW+19, XCCL18, XX19b, XWZ15]. **time** [XZHX17, XCL18, XLL+19, Xu19e, XXZY19, YSL18, YWL15, YLCW18, YSX15, YDLK15, YS16, YSF16, YLW19, Yu16, YZ16, YWZ18, ZNV19, ZEF19, ZZZ15a, ZLHH15, ZLW19, ZLLZ16, ZLDZ17, ZDPZ15, ZJZ15, ZWHC15, ZZC16, ZWK16, ZS16c, ZZL16a, ZSS16, ZHJ+17, ZYXF17, ZHWW17, ZL17a, ZZY18, ZYC18, ZZ18a, ZLC+18, ZXS+18, ZW18, ZWBC18, ZJY18, ZW19b, ZLLA19, ZCAN19, ZX19, ZCW19a, ZCCZ19, ZCX19, ZJ15b, ZFZK15, ZY15c, ZYLY17, ZZL18b, ZZQ18, ZWO+19, ZPM16, ZX16, ZSL+18, ZXX+19, ZT16c, dFGAN19]. **time-consistent** [PSSX17]. **time-delay** [CD16a, CGZ17, DAQI15, FM16, GWW15, GSZ15, HT16, LSL19a, LLZ17, LXW+18, LMW18, MFJZ15, MC15a, NT16, NHWZ15, Pai15a, Pai15b, QKGW18, RLM19, TTZ+19, TNPL15, WDZ17, ZPM16]. **time-delayed**

[ADY16, QG16, WM18b, ZYXF17]. **time-delays** [MAR15]. **Time-dependent** [LYY15, ABS15, CP15d, GS17a, GW15b, HLIK19, HS15b, HLH17, HL15d, JX19, KCZK15, LW18g, LS19b, LFC+19, Mil16, SY19, Wu17, ZL17a, ZT16c, dFGAN19]. **time-domain** [CDL18]. **time-efficient** [AS19a]. **Time-fractional** [LLTL18, LFY18, Pov15, AKAA15, ARL15, ASA19, BS17, HH18a, HHG19, LLY15, LM15, PJ15, RG15, RW17, RZW18, Rui18, SzSC19, SY18b, WXW18, WR19, XX19b, YWZ18, ZEF19, ZLLA19, ZX16]. **time-frequency** [BL18]. **time-harmonic** [KM17a]. **Time-invariant** [GMPP18]. **time-irregular** [Prz15]. **Time-limited** [GR19b]. **time-marching** [WSZ16]. **time-proportional** [Yu16]. **time-space** [CZL18, ZLC+18, ZJY18, ZZL18b]. **time-splitting** [AP15, CWG15, QFS17, Rub19, WMLG17]. **time-step** [LGO17]. **time-stepping** [BS19b, Xu19e]. **time-variable** [LZ18a]. **time-variant** [LSZ+19b]. **Time-varying** [WXXY19, BPC15, CM18, CZSH17, DLXZ19, FLL15, FYZ16, GHW19, GSPH19, GMPP18, GZ15a, GWXZ18, GZD19, GSVK17, HW18, JHWZ15, JGX15, JGKL16, JSW+18, Kim15b, KKL18, LLP17, LY15d, LJ15a, LC16a, LSZY17, LCAA17, LSZ+18, LSMT18, LSLZ18, LZ18c, LQC+18, LGL16, LWZZ18, LJHW19, MJL16, MRC+18, NR16, NLC19, PY19b, RSC+17, RZHY16, SM15b, SSZ+18, Sha16a, SCC17, SLS+18, SWZL19, TDL+17, WLS15, WYCZ17, WLZY17, WCHW19, XCCL18, YLCW18, ZLW19, ZDPZ15, ZWHC15, ZZC16, ZHJ+17, ZYXF17, ZHWW17, ZZ18a, ZW19b, ZCAN19, ZCX19, ZXX+19]. **time-varying-delay** [SLZ+16]. **Time/Cost** [SH15b]. **timed** [Val18]. **timed-arc** [Val18]. **times** [Abd15, Her19, PGLG17, SJ19a, WGL18, XY15b, Xu15b]. **timestep** [CL19a]. **timestepping** [LS17b]. **tipping** [FHPV18]. **tissue** [Kun16, PBMP15]. **tobacco** [PZLZ15]. **Toda** [BP17b]. **Toeplitz** [WLZ19b]. **tolerance** [BF15, GSLC18, LZX19, Xu15a]. **tolerant** [DH17, HYL19a, LX17, MLSX18, RHP18, SJWK18, WLH+18, YYS17, YLW19]. **tomography** [ASKK19, BPZB18]. **tool** [BBFJ17, Han16]. **tools** [PH17]. **topography** [PMC16, SSG+15a, ZYLY19]. **Topological** [Alf17, BCD18, SX15, BHMS15, CXL16a, CWD16, DGNA15, DV15, DESS15, FPUK15, GK16a, II17, LLMS16, LQW+15, LP15b, NZZ16, PP19, Rad17, WCD17]. **topologies** [Sha16a, SSCX18, SWZ+19, SLWX15, WRX+19]. **Topology** [DH19b, CLZW19, HLJ18, JZ15b, LDS+18, LWWL19, SA18a, Wan19a, YYS17]. **torque** [Dan15b]. **Torrey** [SzShG16]. **Torvik** [KCK16, ZV17]. **Total** [DH19a, DHW+19, MNJW19, ZZHT17, ASV17, KGGAV+18, CCX15, CLW18, DSZY19, Gat18a, HLL18, JK15, KM15d, Li17f, LLW17, LGL19a, LJL16, MTY16, MCY19, SHLW16, SJL17, TLLD19, WX19b, XLG18, XGG18, YSY+17]. **Touchard** [CM15b]. **tournament** [CGPT15]. **tournaments** [BGMO18, MY19]. **toxic** [fLLPY16]. **toxicant** [LC15d]. **toxicity** [PSM17]. **toxin** [JA15, YYZ19]. **toxin-producing** [YYZ19]. **Traceability** [TX18]. **Traces** [tHBSfY19]. **Tracking** [ZZMS19, CL19c, CXW+19, FXXC19, FNS15, HWY15b, LY15d, PY19a, SA16a, TFLZ19, WZAF15, WWHZ18, ZLWS15, ZLM+18, ZXS+18, ZYLY17, ZWO+19, ZYZ+16a]. **tractions** [JLL16]. **Tractrix** [Han16]. **Tractrix-based** [Han16]. **Trade** [SH15b, CLT+15, JYVS15, MBM16, ZWY19]. **Trade-off** [SH15b]. **tradeoff** [BS15a]. **trading** [LWZ19a]. **traditions** [BDBKV19]. **traffic** [Chi15, GGAVGGRC15, LZY16, RHJ18, YS16]. **train** [HRLGÁ18]. **Trained** [Świ15, ŚKK+18]. **training**

[LP15c, PAE+17]. **Trajectories** [ALMCDH+18]. **trajectory** [MND+15, ZLWS15]. **tranches** [WL16d]. **transaction** [LW15a, NM15]. **transboundary** [LWZ19a]. **Transcendental** [HA19]. **Transfer** [ZS16b, AwEE15, AB15b, ATK+16, BM19d, CKG+16, DJL17, DBV18, EAY17, EM15, GSP15, HLC+17, HMHA15, HCY15, LRL18, PMV16, Pan15, RZMB17, Sha12, SV17a, Ste19, SE18, WLZ15, YM18, YWYS18, YX15, Zad16, ZjW19]. **transform** [ALQ15, Awa15, BDE+15, CH18a, CCJ15, DTM19, De 17, FBF18, GT19, IS16, JJM18, JLL15a, LXZ19b, Mah18a, MSH15, Pos17, PLL16, PSP17, PKB18, SD19c, yWyLyY+15, XS15, YMS16, YJSW16]. **Transformation** [BC15, RRW+15, CCNQ19, CMR17, KPT16, KMT16, LXZ19c, MGL19, SB15, Sug17, WTSQ15, Xu15c, XLW15]. **transformations** [BD15, BdlRT18, DGN16, Ely18, HZL18, PS18b, RS17b, RM15]. **transformed** [GFE19, Ma15a]. **transformer** [RCRL18]. **transforming** [AADMM16]. **transforms** [CM17a, CXK19, DÖA15, GIT15, Kat15, KSN15, NCEGA15]. **Transient** [Amm15, KBK+16, LLC+15, ZZLY15, Bot15, CGW16, DGN16, JCW18, KSL19, LL18c, SC17, YPZ18, dFGAN18]. **Transition** [WW16c, BRM+19, Ino16, JGKL16, KPP17, LSZY17, LZHC18, QG16, SY17a, SH15d, VPS15, XKG15, XGQW19, YSL18, YKJY17, ZKKZ18, ZDF17]. **transitional** [SSM+18]. **transitions** [HYZ+18, LLWW19]. **transitive** [CMT+18, CC18c, DL18a, FHK+19, HLL18, LLL18a, TZ18b, XX19a, YFH19]. **translates** [DMH19]. **translation** [BGSCGL19]. **Transmission** [KJR+18, PRL+15, AYD19, ADY16, ATN+19, AVCCGAVDL15, Dob19, FG15, HYB17, IYM19, KIZ18, KCL19, LZL+19b, NKKS16, PC17, RL19, SSGG17, SG17, WGLZ16, WWDW17, WS19b, WWSM19, XZ15, YG15a, YRA15, YJY16]. **transmissions** [CYLW15, LXT17]. **transmitted** [IYM19, WCH19]. **transmutation** [KKT19, KMT16, Kra18a]. **transonic** [DMSS18, HHP18]. **Transparent** [EKS+15]. **transport** [BS19a, BES19, KSKW+19, KK15c, MSM15, SBV15, UHLM15]. **transpose** [HM18b]. **transversal** [MKRS16]. **transverse** [DS15]. **transversely** [ZLL16]. **Trapezoid** [CCLPC19]. **trapezoidal** [DD19, QXW19, Rez15]. **trapped** [CLY17, Mis15]. **Trasona** [NFS+15]. **Traub** [SSK15, SSB16, VLCT18]. **travel** [Chi15]. **Traveling** [BW15b, CY18, XYDL16, AM18a, Alk19, Esl16, GO15b, Kud19b, MWY17, MKRS16, Sun15b, UKK17, WL16a, WC16, WZZT19, YMHW15, ZH15a, ZXZB19]. **travelling** [HMSS19, STJS16, STL17]. **travelling-wave** [STL17]. **treat** [FLMC15]. **treat-age** [FLMC15]. **treatment** [BAK19, CC17, JLL16, NKS18, STA+18, SG19b, WLG17, ZP16]. **treatments** [DDD19, HJ18]. **Tree** [YQD17, CXL16a, KK16b, LWM18, QGH19, RCTZ18, RGH+15, ZY18a, CLHC16]. **tree-like** [CXL16a]. **Trees** [CYCW15, KST19, ADA18, AG17, ATX19, BM16, BF16b, CCLW18, CGJZ18, CZ17c, DV15, DDdF16, Dim17, Gou18, Gut16, GFD16, HLL16, LLWX19, LL15a, LY18b, LWW19, LCM19, LCW+18, LWSM16, LYW18, MB19, RC16, SG19a, SGDX18, WWH16, WWL18, WX19b, WYL+19b, WZC17, WZ19, Yan17, YwFW+19, ZWZ19b, ZC19c]. **treewidth** [WTZL18]. **Trefftz** [EKS+15]. **Trend** [MTCV+16]. **Trends** [BKS18]. **tri** [DP15a, UKS+16]. **tri-parametric** [UKS+16]. **tri-population** [DP15a]. **trial** [Liu18a, OB18]. **triangle** [BRV18, Cat17, HL18, LZWZ19, OLZ19, WGL18]. **triangle-based** [BRV18]. **triangles** [BNS16]. **triangular** [AP18a, CL19b, DK15b, FZLZ19, KJR+18, LW15c, LML18a,

LZ17e, LY18d, LJ15b, Ort15a, PP12, PP15b, RC17a, ZLL15a, ZL16a, ZH15b]. **triangulations** [CR18, Cih15, GK16b, XZC16b]. **triaxial** [SPGP18]. **Tribonacci** [Flo18, JH15, RT18b]. **Tricobsthal** [RT18b]. **tricyclic** [JQL15]. **tridiagonal** [dF15, dFY15]. **trigamma** [QM15b]. **triggered** [CL19c, CXW+19, GSD16, LLC18, MLSX18, SRCA17, SMZ+17, SWZL19, TFLZ19, WS19a, WRX+19, WXXY19, XD19, XPZ18, XZHX17, YLP19, ZZZY17, ZDF17]. **triggered/self** [WS19a]. **Trigonometric** [AH18a, GW15b, Han15a, Han15b, JRM15, LQZ+18, NMM16, SR15d, SHH15, TYD15, YAIN17, Zha15d, ZL18]. **Trigonometrically** [LD18a, Li18]. **trinomial** [BD17, NP18]. **triparametric** [LKM17]. **tripartite** [PJ18]. **triple** [LZWZ19, WHSS15, XZZ+18, XJZ19]. **triple-S** [LZWZ19]. **triple-triangle** [LZWZ19]. **triple-well** [XJZ19]. **Triply** [LG17]. **Tripoly** [Ask18]. **trivariate** [SM19]. **truck** [LZY16]. **truncated** [Dan18, LYZ19, ZI18, ZGGY19, ZYSL19]. **trust** [HHR17, Lu19, PZ16a]. **trust-region** [PZ16a]. **tube** [Pon18, SSM17]. **tubes** [HP17]. **tumor** [DDD19, DHMT15, HJ18, KN19, LX19b, LZ19a, QFTT15, SRJ+15, YJ19, ZK18]. **tumor-CD** [HJ18]. **tumor-effector-interleukin-** [DDD19]. **tumor-immune** [KN19, YJ19]. **tumour** [RLM19]. **tumour-immune** [RLM19]. **tuning** [KB18]. **tunnel** [FFH+18]. **Turán** [LLST19, Yua19]. **turbidostat** [YLL15]. **turbine** [FFH+15]. **turbulence** [AKL19, HYL+19b, SH15d]. **Turbulent** [VPS15, Ili19a, MKRS16, MKMC15, MS18b, XP17]. **Turing** [LLY19, PZ16b]. **turning** [CVA18]. **Tutte** [LAAZH19]. **TV** [CCC+17, CC18a, Laz17]. **TV-based** [CC18a]. **TVD** [SdA18, YNMW16]. **twelve** [GYC19]. **twisted** [GSLC18, JRSK16, Lai15, LHG18]. **Twitter** [LdCC15]. **Two** [ABHR15, AKL19, APPE17, BSZ16, CR15, CPST16, ESES16, FKR15, GLW18, GN19a, HWL+19a, HS18, HSS15, HSSH18, JHL19, LW15c, MLW18, PBBF18, QDD15, Qiu18, SIA+17, Suk19, WSZ18, YMS16, ZW15b, Zha18c, ABD16, AT15a, Akt15, ACE19b, Alk19, APS16, APL15, ALZ16, AHY19, AO19, ARR16, AND17, AM15g, ARGF15, AP18b, AE17a, Ask18, AD19, AAMC19, AADF18, BM16, BN15, BB18b, BS15b, BRD15, BKL+18, Bou18, BZ16, BTWY15, CFG15, CCL+15, CFS18, CGC19, CTT+19, CKG19, CLJ+15, CL15b, CXMP16, CGW16, CW17, CXZZ18, CX19, CDL19, CLW18, CL19c, DLBQ19, Dan15a, DS15, Dan15b, DA17, Den15, DCS15, DL18b, DNC+17, FZLT15, FvdMS15, FG15, FR16, Gar16a, GKN15a, GCLG15, GOA19, GAT18b, GYW15, GLW15, GS17c, HRLGÁ18, HTW19, HZ17b, HXM18, HDG15, HWL+19b, HHL+19, JSM16, JJ15a, cJzS15, JH17, JYSR18]. **two** [JY19, KIAG16, KLQY18, KE16, KMBA18, KZA19, KT16, Kok15, KCKZ15, KMB16, KSV15, KSZ15, KMP15, Laa18, LWZ19a, LC15b, LG15, LW16, LR16b, LBRS18, LLL+18b, LJL18, LL18a, LW19b, LZ15c, LB16a, LXL17, LYW18, LW18h, LMZZ19, LSL19b, DPL18a, LJC16, MWWM15, MZM16, MMZ+17, MH19a, MBM16, MS15a, MVS19, MLT17, MMV16, Mic15b, MZS18, MH15b, MS19c, Mis16, MGMM17, MDH15, MMK17, MKS19, MN15, MPB+17, NE16, NBK16, NDZ15, PSM17, PAJ+19, Pel17, PÖB15, PD15, PeO18, QDH+18, RBB19, RS17a, RN19, RS15a, RC17a, RDG18, RT18a, RSO+18, SM19, SdA18, SHR18, SSN15, SZ15, SH16, SG19a, Sha15d, Shi15a, SY17b, SJ18, SI19, SSZL17, Tha18a, TH19, WYW16, Wan17a, WDLL15, WPL15, WL16a, WEH18, Wan19b, WXM+18, WYD+18, WZY+19, WZZT19, WL17,

WLL16, WLFH17, XYG+18, XW19, XCHW16, XCCL18, Xu19d, YÖ18]. **two** [YX19b, YX19a, YY15, YLZT17, Yüz18, ZV17, ZB17, Zei16, ZSK+19, ZXW16, ZJ15a, ZLWS15, ZZY+17, ZF18, ZH19a, ZM19, ZBH+15, ZHX+17, ZYX19, ZG15b, ZGZ16, ZWM16, ZC18, ZLW18, ZZC+19b, ZZL15b, Zhu18, ZT16c, dSVR17]. **two-** [MKS19, SdA18, ZGZ16]. **two-asset** [CW17]. **two-by-two** [Den15, ZZL15b]. **two-channel** [CL19c]. **two-component** [ACE19b, GYW15, GLW15, HXM18, WZZT19, YX19b]. **two-determinant** [APS16]. **Two-dimensional** [HS18, YMS16, AHY19, AND17, AE17a, AD19, AAMC19, BN15, BTWY15, CGW16, CDL19, DA17, DL18b, GS17c, HZ17b, cJzS15, KE16, Kok15, LW19b, LW18h, LJC16, MWWM15, MZM16, MH19a, MMV16, MH15b, MS19c, Mis16, MKS19, NE16, PeO18, QDH+18, RDG18, SM19, Sha15d, WDLL15, WYD+18, XYG+18, XW19, Yüz18, ZB17, ZF18, ZBH+15, ZHX+17, ZG15b, ZLW18, ZT16c]. **Two-distance-primitive** [JHL19]. **two-fluid** [Laa18]. **Two-grid** [Qiu18, LR16b, SH16, SY17b, YX19a]. **two-layer** [BKL+18, DS15, HHL+19, WL16a, XCHW16]. **two-level** [ALZ16, HDG15, KMP15, MBM16, MVS19, MMK17]. **two-link** [ZLWS15]. **Two-parameter** [CPST16, BZ16, NBK16, ZG15b]. **two-patch** [Wan19b]. **two-person** [MN15]. **two-phase** [BB18b, GAT18b, KSZ15, LXL17, DPL18a, MS15a, MZS18, Pel17, RSO+18, Tha18a, WXM+18, Zei16, ZM19]. **two-phase-like** [GOA19]. **two-point** [AM15g, CFG15, GKN15a, JSM16, KMBA18]. **two-predator** [LB16a]. **two-processor** [ZSK+19]. **two-scale** [DNC+17, Wan17a]. **two-sector** [ARR16]. **two-sided** [CLJ+15, CLW18, DCS15, FZLT15, KCKZ15]. **two-species** [GCLG15, SSZL17]. **Two-stage** [HWL+19a, WL17, ZZC+19b]. **Two-step** [PBBF18, DLBQ19, FR16, LC15b, RS17a, RT18a, WLFH17, ZYX19]. **two-strain** [CX19, FG15]. **two-strategy** [YLZT17]. **two-term** [APL15]. **two-time-scale** [LSL19b]. **Two-walks** [APPE17]. **two-warehouse** [BS15b, MBM16]. **Type** [Rho19, AKR15, ACS15, ABD16, ALL18a, AÖ15a, AÖ16, AIK15, AN15, AHS18, ASA19, AAS+17, APTS15, AT15b, AP19, AKKB17, AP18b, AZAM15, BGMZ17, bBjJ16, BMO15, BM15b, BTIIE16, BAK19, BA17, Bir15, BP17b, BLS15, BS15c, CZ16, CZ18a, CDK15, CHRD16, CC15, Che15f, CSTH17, CZ19, CT15, CT17d, DAS17, DN15b, DN16, DL17b, DKP16, DÖA15, DK16, DKKM15a, DF16, ES16, FT17, Fen15, GRV15, GO15a, wG15a, Gao17a, Gav15, GS17b, GKN15a, GGHO18, GM15b, GR15c, GAS17, HA16, HJ15, HLC+17, HZ17a, HVR17, tHBSfY19, Hus19, IKMW15, IAW18, Isc16, Jan15, JH15, jJ15b, jJ15c, JRM15, KA15a, KIAG16, KB15, KS18, KTA15, KAG15, Kem16, Kha17, KNBA15, KM18a, KAH15, Kim15c, KBM16, KKD17, KG18, KPP18, LY15b, LG16, LY16a, Li16a, LR16a, Li17d, Li17e, LH17c, LW18d, LLL19a, LXZ19a]. **type** [Li19, LW19c, LSL19a, Lia15b, LT15, LZ15e, LGK15, LX19c, LWSO19, LZZ+19, LWZZ18, DPL18a, LMMR15, LLB16, MWLL17, MCS+19, MRC+18, MMIA19, MMS17a, MS19b, Mia17, Mig15, Mig16, MNR19, MDG18, MNK19, NLC19, Nis15, OPP18, PR15a, PWS17, Pel17, PS15c, PV16, PIP19, PV19, QZL18a, RAH19a, RZD+19, RZSS15, RSKB16, RA15, Rho14, RRTR15, RM18b, SuRI15, SEKA16, SR17, STS15, SISÖ15, SHA15b, SHN16, Sha15d, SSA18, SPG17, SK17a, SIA15, SMM18, Sim15, SK17b, SHEBS19, SAS19, SV15b, Sug17, TTD17, Tch15, TTLX17, TPCL15, UKE15, VK19, WF15a, WPL15, WL16c, WK16a, WR19, XKWG15, XYG+18, YSL18, YWL15, YCYL18, ZAP19, ZA16, Zei16, ZXW16, ZBBW17, ZZZ15b, ZS15c, Zha16a, Zha15i,

ZS15e, Zho15a, ZSY18, Zhu16, ZSF17, uRAD19, NS17b]. **type-II** [NS17b]. **types** [MGL19, MK16, Mon19, PD15]. **Typhoid** [TMM18]. **Typical** [CM17b, HHP18].

U [GHN+16]. **U-shaped** [GHN+16]. **Ulam** [AB15a, AO19, BCO15, Nam19, Oni18, WL15, ZSS15, ZAP19]. **ultimate** [DLXZ19, WL18a, ZT16a]. **Ultrametrics** [DKM17]. **UMV** [HYL19a]. **unbalanced** [RKQ19]. **Unbiased** [CSL19]. **Unbounded** [DCR15, KBR15, LS16, NLC19, Obr19, OR18a]. **uncapacitated** [MK15c]. **Uncertain** [Gao17c, GKDHR19, HD16b, CLZW19, Chi15, Gao16, GhDwZS17, Gao19, GMS19, HZK+19, Hua18, JLY18, JS19, JGX15, LJZ18, LLCR15, LLZ15, LCY16, LC16a, LLC18, LSZ+18, LSZ+19b, LXW+18, LNWS18, LZ19g, LTZ+17, Pai15a, Pai15b, RZSS15, RVGS17, SRSZ15, Sha16a, SS19a, SWZ+19, SRCA17, SGY+15, SLS+18, WNMC15, WZAF15, WQK15, WLZY17, WWHZ18, XD19, XKWG15, XZZ+18, XCY18, XKG15, XGQW19, YSL18, YR15, YZD15, Yan18b, YCX+19, YmZHC15, ZSS16, ZLS16, ZGH17, ZLLP18, ZKKZ18, ZYWW16]. **uncertainties** [CXP16, CWHY15, CPCQ17, DZC15, NPT19, SML18, ZCCZ19]. **Uncertainty** [HYJ19, PTA16, APMM18, AE17b, DK15c, DJW19, HM15a, PN15a, SSS15, ZCX19, ZW15c]. **uncomplete** [YKJY17]. **Unconditional** [DFJ16, GLL15b, SY17b, SW17b, SW17a, Yos19]. **Unconditionally** [RLZ19, MMK17]. **unconstrained** [CY16a, DP15a, NRAEC19, Pet15b, WSdSY15, ZN15, dSRTZ18]. **Uncovering** [WJNW15]. **underactuated** [ZLWS15]. **underdamped** [XJZ19]. **undetermined** [SNL19]. **Unicyclic** [JFT17, WS19c, CL15a, LCM19, QZD16, SGDX18, TDS15, Wan16c, WLQZ18, YFY17]. **Unification** [HW17a]. **Unified** [AG16, CC17, ZMQ16, ARB16, BAK19, FBF18, HST17, LP15b, Liu15a, SGG15b, Su16, YPZ18]. **Uniform** [CGW16, CJ16, ZRLX19, BDSS15, Boy15, BCFR18, DS15, DL15a, DLXZ19, ERFE16, eFJY17, GLQ+18, GG19a, ILPE17, KLQY18, LX18, LC18, LR19c, LMZW16, PBMP15, SR17, SM18, YLL18]. **uniformity** [GWPA18]. **Uniformly** [DN15a, WA15a, YZH+19]. **unilateral** [ABD16, ZX19]. **unimodal** [GS15a]. **union** [BLNSF17]. **unique** [DL16]. **Uniqueness** [AB15a, BH15, CZ15c, Dan15a, GR17a, GZLL17, IJ15, MZM15, SZ19b]. **unit** [BMR17, CMR17, CM16, Mor17, PMSB15, SS15b, YQT15]. **unitary** [LL16b]. **unites** [ZXL15]. **unity** [EB16, ZYZ+16a]. **univalent** [SGG15a]. **univariate** [KM18b]. **university** [NSN+18]. **Unknown** [DZC15, NT16, YSWZ17, CLZW19, CSL19, Dan18, DCJ19, FW18a, Kac15, KZT19, LY15d, LLZD18b, LZHC18, Ma17b, THM19, Wan15e, XCDZ19, ZCW19a, ZZMS19, ZDF17]. **unknowns** [MHCF15]. **unobservable** [YLW16]. **unpredictability** [BKAAM15]. **unrelated** [ZXDP18]. **unreliable** [KKD17, LSCK15, NMS+18, SWSW19]. **unremitting** [MBM16]. **unsolved** [BM16]. **Unstable** [dSSB+16, CGW19, WZZL16, YZ16, ZMC19a]. **unstable-mode** [ZMC19a]. **Unsteady** [DS15, HRS17, Awa15, EAY17, MSM15, Pan15, Sha12, WW18, WX16, Xu19c, Yil16, ZZ15a, ZCU15, ZG15b]. **Unstructured** [Ort15a, PP19, SdA18, STA+18]. **update** [AP18b, KK16a, WJ19]. **updating** [CCYT19, LMW+19, MC15c, TIT15, XDG+19, Yua15, YZZ18, ZSL17]. **upon** [KMS18, LWW15c]. **Upper** [MMG16, Zha19a, ZZ15d, ABQ15, AK16b, CYY19, WDB18]. **urban** [ATV16, ATV19, TES15]. **Urmia** [KSK+15]. **urokinase** [KKS+16]. **Urysohn** [Dar16, Hus19]. **Usage** [EL19a, CFdCdS18, EL19b, EL19c].

USAOR [WS16]. **Use** [QBNF19, SD17, Kim15b, MWH+18, UK18, dNdOX+15]. **used** [KTD15, Kri19b, Świ15]. **user** [HHR17]. **Using** [AGM16, AE17a, CvRvdM18, Fan15a, SSN15, ZM19, AZL15, AR16a, ARACCA+18, AM15b, ASASM16, AZ14, AM19, AK15b, AK15c, ABMA19, AM18d, AAMC19, AZ19, BGMZ17, BMDS17, BM15a, BT15a, BM15b, BAE15, BMC19, BZ17, BKZA18, BL18, BCD+19, CCL+15, CLR16b, CTT+19, CD16a, CDZ+18, CPS18, DK15b, DT16, DLY17b, EGH+19, EdLC18, FSW16, FMSG15, FBF18, FY18, Gao18, GJR+15, GK16a, GDZ18, GDS16, Gia15b, GWPA18, GG19a, HH16, HHP18, HR18, HK18b, HSS15, HGM15a, HDG15, Ili19a, IKHS16, JA17, KBK+16, KZ16, KRF17, KJ15a, KRS18, KM15a, KMBA18, KAH15, KSK+15, KŚK+18, KVS15, KSP16, KAS16, LVAB+16, LLC+15, LR19a, LLMS16, LY15a, LPJ18, LWT+15, LL16a, LCL17a, LG17, LZ19c, LDSD19, LHHS16, LZKX19, LO15, MBHS18, MM04, MS15a, MHCF15, MPS15, MHR18, MO16]. **using** [MMG15, MRQZ19, MP19b, MMS17b, MD17, MSH15, MMB15, MRR17, Nag17, NE16, NC16, NJM+18, NMNTBXVD15, NKKS16, NSM16, NEK18, OP19, ÖÖAD15, OA18, PAE+17, Pan15, Par15, PHSB18, PVV+15, PP19, PN15b, QFTT15, RAH19a, RSKB15, RS15a, RS17b, RZMB17, Rog19, RL15, RCM15, RME18, RPJ+18, RG18b, RSO+18, Sab18, SNS+16, Sak19, SHH15, SSB18, SM16, SR15e, SN15a, SN15b, SHLL18, Sha12, SRP17, SuSR15, SSM+15, SGFCRM+18, Sin18, SHEBS19, SFC+17, SLTH15, STK15, SKP16, SH19, SRBA15, SLS+18, SCM19, TPS15, Tan15c, Ton18, Tua15, UKE15, UMF19, Vil16, WC15b, XTXW15, YTH19, Yüz16b, ZBR15, Zam19, ZT15, Zei16, ZLL15b, ZLWS15, ZZLY15, ZYY17, ZjW19, ZZMS19, ZYLY17, ZLK+19, ZYWW16, ZW15e, lZA+19]. **utility** [GLL15a, KCSD+18]. **utilizing** [AD17, GSVK17, NT19]. **Uvarov** [AHM16]. **Uzawa** [CY16b, CC16, DLF15, HM15d, HM15b, LWK15, LSjL17, Mia17, SL15a, WLLK17, YLW15, ZM15c, ZM18b, ZSF17]. **Uzawa-HSS** [YLW15]. **Uzawa-PSS** [CY16b]. **Uzawa-type** [Mia17, ZSF17].

V [GHN+16]. **V-shaped** [GHN+16]. **vacation** [MJSA19]. **vacations** [Amm15, Shi15b]. **vaccination** [AKT19, Bhu15, CMW17, DAQI15, TXL19, Zha15e]. **vaccinations** [CX19]. **vacuum** [LTL16]. **valency** [JHL19, LLL18a]. **valent** [AS19b]. **validated** [JGBY16, WW16a]. **validation** [FFG+16, GJP18, IR16, SCS+15]. **Validity** [SB16]. **Vallée** [AÖ15a]. **Valley** [PTA16]. **Valuation** [ZLS16, LW15a, YYWH19]. **Value** [ABI19, MAJR19, eMA15, AKS15, AOH17, AHO18, AMO18, ASASM16, AAKT15, Ali15, AV18, ASV17, AJP18, BRD15, BÁR15, Cho19a, CLP+18, CZ15c, EHS17, FFT15, GW16, Ghe16, GR19a, GGZR16, HN14, HASC19, HXM18, JSM16, KM17b, KMBA18, KAI19, KD18, KKST16, KKST17, KST19, KPT16, Kyr17, LL15a, LLY15, LWT+15, LZ17b, LD18a, Li18, LS19a, LBB18, MG15, MH19a, MC17, MCZ15, MYH15, MKN+15a, MTJ15, NN19, PZ15, RRRR16, RSKB15, RS17a, RR18a, RRV15, RG19, RGA19, RMK19, SH15a, Sah19b, SM19, Sow18, TES15, TG16, Ugu19, VK15, VK17a, WZ15a, WZZ18, Won15, jXlZX18, XX19a, XLW16, YZ15a, YU15, Zha15b, Zha18e, HW17c]. **Value-at-Risk** [HW17c]. **value/boundary** [MTJ15]. **valued** [ACKS16, CHL17, CZLS18, CZSH17, DPL+18b, GG15a, GZLL17, HCX+17b, JCX19, LZ15a, LWL+18, LGC19b, PAM19, QBC19, SCC17, TLX19, TZD+19, Tua15, WM15, WZS19, bWzZjH16, XZS16, YL17, ZLHH15, ZYXF17, ZSZ17, ZYC18, ZWZ19a, Zha15h]. **values** [Bab16, CL16b, CWD16, GST15a, Har15, MRS19, SQL16, YDCS15].

Vandermonde [BR16a]. **vanishing** [MH17a, MHZ18, TQ18]. **vapour** [DMSS18]. **variability** [CJG+18, dSSB+16]. **variable** [AwEE15, Ali15, AT15b, BJ19, BdlRT18, CCNQ19, CLJ+15, CT15, CT17d, DDY15, DWRZ17, Du15, ES17a, eFJY17, GY15, GZC19, GGM18, GA17, GLL15b, HGH19a, HA19, HAY19, HAH19, HKS19, HM18c, HGH19b, JSM16, KBK+16, KF19, LWQ18, LP15a, LZ18a, LMMZ18, LZ19f, MS18a, MKG15, MH17c, MK16, OW18, Our16, PTO19, PST18, Pol19, RSKB15, RSKB16, RW17, RRTR15, SR15b, SY15a, SV17a, SBH16, SMM18, Ste19, SN18c, TMS15, TB15, TF18, VS17, WTJ17, WA18, WR19, WZWD15, XYG+18, XXZ+18, YZMM15, ZWF15, ZEW19, ZX16, Zho17, ZLW18]. **variable-coefficient** [BdlRT18, HGH19b, WTJ17]. **variable-distributed** [Ali15]. **variable-order** [HAY19, HAH19]. **variable-type** [SMM18]. **variables** [Akt15, Bou18, FvdMS15, Gav15, KIAG16, LZH16, Mic15b, XRB17, YZD15, Zha19b]. **variably** [NAM18]. **variance** [CLR16a, CSL19, JPY16, Rez15, ZL15c]. **variant** [AIP15, ATV19, ACC15, CCTV16, FZLZ19, JLX15b, Kaj18, LSZ+19b, LZ19e, LMMR15, RR15, YMHW15]. **Variants** [WLLK17, CR15]. **variation** [CCX15, DHW+19, GLW15, Hac17, Lu15, LJL16, SHLW16]. **Variational** [MG19, CL16a, GJNRG15, Ied15, JMW15, KwC15, LjL15b, SZ19a, SDK15, WW16a, WwQqTW18, XS19b, Yil16, Zha15i, ZCQ15]. **Variational-hemivariational** [MG19]. **variational-like** [GJNRG15]. **variations** [KOR19, LVAB+16, ZML+17]. **various** [ANEP19, LWLM19, LP15b, Liu17a, RMB15, SK15, SB15]. **Varley** [XZCC15, ZS15c]. **varying** [BPC15, BB15b, BHRW16, CM18, CZSH17, DLXZ19, DEK15, DKDD15, FLL15, FYZ16, GHW19, GSPH19, GMPP18, GLM16, GZ15a, GWXZ18, GZD19, GSVK17, HW18, JHWZ15, JGX15, JGKL16, JSW+18, Kim15b, KM15d, KKL18, LLP17, LY15d, LJ15a, LC16a, LSZY17, LCAA17, LSZ+18, LSMT18, LSLZ18, LZ18c, LQC+18, LGL16, LWZZ18, LJHW19, MJL16, MRC+18, MMMMB17, NR16, NLC19, PY19b, RSC+17, RZHY16, SM15b, SSZ+18, Sha16a, SLZ+16, SCC17, SLS+18, SWZL19, TDL+17, WLS15, WYCZ17, WLZY17, WCHW19, WXXY19, XCCL18, YLCW18, ZLW19, ZDPZ15, ZWHC15, ZZC16, ZHJ+17, ZYXF17, ZHWW17, ZZ18a, ZW19b, ZYLY19, ZCAN19, ZCX19, ZXX+19]. **Vector** [AZ19, LZ15a, LGC19b, Ace19a, AZ14, AK15b, ACMT15b, ACMT15a, AM18d, CS16b, FPUK15, GTBC18, GZ15a, GG19b, KSK+15, Lah18, NS15a, Tua15, Vil16, YSD+17, ZBKS16, ZLJ15, Zha15h]. **vector-borne** [Vil16, ZLJ15]. **Vector-valued** [LZ15a, Zha15h]. **vectorial** [Vil16]. **vectors** [CGJZ18, Dan15a]. **vegetation** [LLWW19]. **vehicle** [GKDHR19]. **veins** [STVCC17]. **velocity** [AwEE15, BGP15, DPL18a, Pon17, SSG15b]. **venous** [Tor16]. **Verification** [VVA+15, WN16]. **Verified** [Miy17, Miy19, Liu15g]. **version** [AK15b, DLH15, GFWH17, GG19b, LpLxG18, MFF15, RBB19, YQD17]. **versions** [LBRS18]. **versus** [Ask18, CJN19, DH19a, GMPP18, LB15a]. **Vertex** [LLM+18, LLTW19, Rad17, CCLW18, CH19, CRC19, CMT+18, CYW18, GPRCTRY19, Gou18, HLX17, HTM18, HLL18, Ili18, KMS18, KS19a, LLS15, LYW17, LZ18e, LP16a, MBW19, MK15a, RZH+19, Tu17, ZTW19]. **vertex-** [LLS15]. **Vertex-based** [LLM+18]. **Vertex-connectivity** [LLTW19]. **Vertex-degree-based** [Rad17]. **vertex-transitive** [HLL18]. **vertex-weighted** [CCLW18]. **vertical** [EAY17, HRS17, IYM19, MRR17, PMV16, RDM19, SSN15, SKS17, SBH16, SBH17].

vertically [RRT15]. **vertices** [ATX19, CZ17a, CZ17c, GHM18, JYSR18, Lai15, SWG+17, SG19a, STD15, ZY18a]. **very** [FY19]. **Veselov** [ZH15a]. **vessel** [ARACCA+18, BKKN16]. **vessels** [CKKF16]. **VF** [DA19]. **via** [eMA15, eMBHA15, AÖ15a, ABHR15, ANGC17, AM15c, AK19a, APTS15, AM15d, AM15h, BR16a, BRM+19, BdlRT18, BBD15, CCYT19, CMR17, Che15c, CLCW17, CWLA18, CLHC16, CN15a, Cim18, DH19b, DLY17b, EE18, FYZ16, FYSC18, GZC19, GHW19, GK17, GZK16, GA17, GS18a, GS19, GZ15a, GWXZ18, GSV18b, HT16, Isc16, KE16, Kim15b, KSN15, KZ19, KK16b, Laz17, LPKS16, LZS15, LJL15a, LZjy18, LGK15, LS19c, LHZM19, LMZZ19, LZH+18, LJHW19, LCLZ19, Luo19, Mah18b, MS17a, MH15b, MH16a, MH17b, NL18a, NRAEC19, NNA15b, PS18a, PWFY18, PW19a, PW19b, PJ15, Pos17, PKB18, QKGW18, RZD+19, RXZW17, Rem18, RM18b, SAJ18, SA18a, SKKL17, SISÖ15, SY18a, SPST17, SPS18, SDK15, SRCA17, SNL19, Sug17, SWZL19, TTZ+19, TB17a, WZAF15, WZYS15, WW17, WHTW17, WCZY17, WXWX18, WCH15, WLZ19b, XZZ+18, XHW18, YWZS18, Yan18b]. **via** [YFW+17, ZAP19, ZZLZ17, ZLDZ17, ZYH15, ZYXF17, ZHWW17, ZCQ15, ZCX17, ZHS18, ZZ16c, uRAD19]. **Viability** [XL19]. **vibrating** [BM18a]. **vibration** [ANGC17, AB18, Che15d, CvRvdM18, Hac17, JLY18, LL19b, NMNTBXVD15, Pai15b, RM19b, Sin18, ZLL15b, ZGZ16]. **Vibrational** [MRF18, BHD18, YWL18]. **vibrations** [MB17, STK15, SH18b]. **vibro** [RL19]. **vibro-acoustic** [RL19]. **ViennaMaterials** [WWR+15]. **view** [FB19, KM15c]. **viewed** [Cal18, MGCAPP16]. **viewpoint** [Han19, Wan16a]. **views** [MN16]. **violent** [San19]. **viral** [AVCCGAVDL15, GXH18, YW19a]. **Virtual** [ZF18, WWC+18, ZDZ15]. **virtualization** [Chy16]. **VirtuaSchlieren** [GG18]. **virus** [CYLW15, DTJ18, LZL+19b, LXT17, MMK18, PJ18, WLS15, WGLZ16, WM18b, WSXR19, XGZ17]. **virus-to-cell** [LXT17]. **viruses** [SKHA18]. **viscoelastic** [Alk19, DH19b, DQ18, FFL16, HMZ17, KKG18, TY16, Xu19b]. **viscoelasticity** [CLP+18]. **viscoleastic** [TSPF18]. **viscosity** [AAM19, HG18, Jeo16, MJ19, SDK15, SCM19, Zha16c]. **viscous** [BKKN16, EM15, GYZC15, LCS15, Li17b, MDH15, NKNA16, Pan15, Sha12, WZY+19]. **Visualization** [Zil15]. **vitreous** [TSPF18]. **vivax** [KCL19]. **vivo** [PSP17]. **Vlasov** [MM15a, PMS16, WWMX16]. **vocal** [SH18b]. **voids** [VVA+15]. **Voigt** [AQ15, YLL18, ZZ15d]. **Voigt/complex** [AQ15]. **Volatility** [YYWH19, CLR16a, ZBL15, ZL15c]. **volcanic** [Zei16]. **voltage** [KSKW+19]. **Volterra** [Tom15, AR16a, AD16, AP19, AD19, Bab16, BM15a, BB15c, CJ15, Dar16, DA17, DJ15, ER15, FMX15, FDPP18, GLM19, GIS15, HJ15, KE16, KJ15b, KZ15, Liu15d, LC15d, MHN15, MWY17, Ma17a, MRE18, MS19b, Mic15a, MH17a, MHZ18, MH15a, MH16b, MH16a, MH17c, MH17b, MS16a, MO15b, NA19, Oka18b, OPP18, PHM19, QD18, RME18, SR15c, SM16, SRK18, SRS17, SR19, Tan15b, Tan15c, Tom12, Vad19, Wan15f, Wan17c, Xy16, Xu19b, YWL19, YYM19, Yüz15, Yüz16a, ZJ15a, ZY15a, ZW15e, ZJO+18]. **Volume** [DN16, BR16b, BDH16, CR18, DC16, EFPT18, EdLC18, FZLT15, GY15, GfSmL16, HR16, KNK15, KA15c, KS19c, LZ19c, LXL17, Maj18, MO16, Mor17, PSY+17, PP19, RC17a, SA16b, STA+18, SCS+15, TZH15, WZ15b, WYLG19, YCLS19, ZL15a, ZSY17, ZY15c, ZSY18]. **volume-of-fluid** [LXL17]. **volume-surface** [EFPT18]. **volumes** [HV19b]. **Volumetric** [Alz15]. **voluntary**

[GSD+17, HI15b, LWWZ17]. **Voronovskaya** [BLS15]. **vortex** [Ili19b, RSO+18]. **vortex-ring** [RSO+18]. **vorticity** [BFR18, YZ17b]. **vorticity-streamfunction** [BFR18]. **Voyce** [DD15]. **Vreman** [DN15c]. **Vries** [AM18a, AO15c, Gao17b, HXM18, Kud16, Mis15, SGM+16, SzSC19, WTJ17]. **vs** [KM18b, ZAY18]. **vulnerabilities** [DLCV17]. **vulnerable** [DLCV17].

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CN15a, CN19a, DL17b, DCS15, GW16, GLL15a, GT15b, GfSmL16, HJMB18, HP17, HLT16, HT16, HZ17c, JJM18, jJ15b, jJ15c, JT17, KBS17, KRS18, Kyr15, Laz17, LT15, Liu17a, LjL15b, MTY16, MCY19, MBW19, MLW18, NS15b, PPV15, PS16, RR18b, Red19, She18, SY18a, TYD15, WMS17, WX19b, WYLG19, XYZK15, XLYZ19, Zha17c, ZZ16b, ZDJ19, Zhu16]. **weighted-EP** [MD15b]. **weighting** [GKN15b, NEK18, WY15a, ZHJ+17]. **weights** [KDTP18, LP15a, PS15b, RR18b]. **weir** [ZBKS16]. **Weissler** [HK15]. **Welch** [GN19a]. **welding** [PKHD18]. **well** [Can16, DB16, GWK16, GS17c, JL15, LCQ15, LJD17, LZ19c, LL16c, LFY18, MO16, QLLY18, RRT15, Tha18a, WLQ+19, XJZ19, YY15, hY18, Zha16c, ZFL18]. **well-balanced** [DB16, LCQ15, LJD17, LZ19c, MO16, QLLY18, Tha18a, WLQ+19, hY18]. **well-posedness** [GS17c, JL15, LL16c, Zha16c, ZFL18]. **wellbore** [WXM+18]. **Wellposedness** [SLW15]. **wells** [BW15a, GLYT16]. **Wendroff** [ZY15c]. **WENO** [BDH16, Hua16, KS19c, LCQ15, WLQ+19]. **Werner** [RA15]. **Werner-type** [RA15]. **Western** [DCK+18]. **wheel** [TZS17]. **which** [Bir15, ID19, LZ16, PAK15, RP18]. **white** [MX17, ZJO+18]. **Whitham** [RG15]. **Whitney** [BRV18]. **whose** [AK18a, JYSR18]. **wide** [GG19b]. **widening** [BCT15]. **Wiener** [Ort15b, ADA18, AK18a, AOS17, AG17, BKL+17, CXL16b, CT17b, GKS16, Gou18, HKS19, HD16a, KJR+18, KST15, KST16a, KST16b, KMS18, LL18b, PWFY18, SZPH16, SISV19, Tra18, ZWZ19b]. **Wilf** [CP17]. **willingness** [WJ19]. **Wilson** [AAGZ19, SZL+18, SKBR18]. **win** [DZD+16]. **win-stay-lose-shift** [DZD+16]. **wind** [FFH+18, STK15]. **wind-induced** [STK15]. **window** [Khl18, XY15b]. **windowed** [BBFJ17]. **Windows** [Nav17, PHSB18]. **wings** [Ber15]. **Winner** [TKDF15]. **wireless** [SZRC15, TTD18]. **wiring** [GLA+17]. **Wirtinger** [SLS+18]. **with/without** [AM19]. **WITHDRAWN** [EL19c]. **within** [AJ17, hCWW+15, FLS+15, KBK15, Mah15, MMK18, SSB18, WLS15, YX15]. **within-host** [MMK18, WLS15]. **without** [ASHSC17, AM19, AKKB17, BDGS15, CH19, GYY18, GS15b, JPZ+19, LY18a, LML18b, PLL16, SWG+17, WNW+19, ZY15b]. **wood** [WZM15, ZKV+15]. **Woodbury** [Xu17b]. **work** [KGGAV+18]. **workers** [TES15]. **working** [Her19]. **world** [EOP17, LWSX18a]. **Wreath** [BCD18]. **Wright** [BC16]. **wrong** [UK18].

X [KGGAV+18].

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