

# A Complete Bibliography of Publications in *Computers and Mathematics with Applications* (1980–1989)

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05 August 2024  
Version 1.04

## Title word cross-reference

$(R^2)$  [EC83]. 0 [Ric81]. 1 [KSTK84, Ric81].  
**\$15.95** [Lev82]. **\$15.96** [Lov82]. 2  
[Bos87, MS88f]. **\$20** [Ste81d]. **\$23.50**  
[Ste81a]. 230 [Bok88].  $2^{10}$  [Ste81c].  $2 \times 2$   
[Kar81]. 3 [Fol87, dVWY87]. **\$39.50**  
[Sha82].  $3 \times 3$  [Fra89]. 4 [Fol87]. **\$40** [Ste82].  
**\$47** [Ste82]. 515 [dF89]. **\$6.95** [Ste81c].  
**\$65.00** [Eld87]. **\$7.95** [Ste81c]. 820 [Pau89].  
<sup>3</sup> [FWPT87]. <sub>1</sub> [KA89a].  ${}_3F_2(1)$  [Wim83].  $\binom{B}{60}$   
[Kro89]. *A* [UA85].  $\alpha$  [Web89].  $\beta$  [Web89].  $c^0$   
[Ber82].  $C^1$  [Blo87]. *d* [Wal85].  $\Delta^2$  [Jur83].  
 $\exp(x)$  [AJMT81]. *G* [KA89a, Zen89].  $\Gamma$   
[Mar86c]. *I* [GS81, Med88b]. *K*  
[GS81, GHN89, Mor89].  $L_2$  [LM86a].  $\lambda$   
[Pan85c].  $\ln(x)$  [MTP82]. *LU* [NT85]. *N*

[CH89, Fer82, KO88, AMR89, CK88b,  
HWYL88, LT87, Pur83a, TSY88, Ubh84,  
Ubh87]. *O* [Ubh84, Ubh87]. *P* [Sha88]. *q*  
[PM84].  $R^3$  [OP87, TB87].  $\Leftrightarrow$  [Zou89]. *T*  
[WCB85, JV88].  $\tau$  [Luk81].  $\rightarrow$  [Pou88].  
*xyz* [Kar81]. *X* [BHM88, Wai81].  
 $XY(X^2 + Y^2)^{1/2}$  [BHM88]. *Y*  
[BHM88, SE88b].  $y'' = f(x, y)$  [DOS88].  
 $y'' = f(x, y, y')$  [DOS88].  
**-atom** [Pau89]. **-axis** [AMR89]. **-breaking**  
[MM86a]. **-cube** [HWYL88]. **-curves**  
[Web89]. **-cyclic** [GHN89]. **-D**  
[Fol87, MS88f, dVWY87]. **-dimensional**  
[Bos87, CK88b, Mor89, Wal85]. **-factors**  
[KSTK84]. **-matrix** [WCB85]. **-method**  
[Luk81]. **-person** [LT87]. **-point** [Ubh84].  
**-projection** [Wai81]. **-stable** [Sha88, UA85].

**-th** [CH89]. **-transformals** [Kar81].  
**-unidirectional** [JV88].

**0-916460-08-8** [Lev82].

**1** [Pou88]. **10/11** [BM90]. **11th** [Ste82].  
**12A** [Ano86i]. **12B** [Ano86j]. **156pp**  
 [Ste81b]. **17** [Kou90]. **175pp** [Ste81c]. **18**  
 [BM90, Zad92]. **1989** [Ano88e, Zad92].

**255pp** [Ste81c]. **2nd** [O'C87a].

**6/7** [Zad92].

**7** [Rob87b].

**85721** [Ste82]. **89** [Ano88f].

**9-12** [Rob87b].

= [SE88b, Zen89].

**A.** [Los92, Vai88]. **A.D.** [Bér89a]. **Abelian**  
 [Ric88]. **absence** [Kra87]. **absorbing**  
 [GK88]. **Abstract** [CvdC83, Mar86a].  
**academic** [O'C87b]. **Academy** [Tar88].  
**accelerated** [Mar88]. **accelerating** [KW81].  
**acceleration** [CS89, MdIS86, MS88b,  
 Pan81b, Pan82c, Wai81, Wai82]. **accuracy**  
 [CF84b, DGL88, Lay86]. **achievement**  
 [Str89]. **Acoustic**  
 [EG85, Ame85, Ano87-27, BBPW85, CSL85b,  
 FG80, KTPB85, LK85, NP81, PO85, Sch85].  
**acoustic/elastic** [KTPB85]. **acoustics**  
 [Ano88-33, BGT85, BS85, Bir85, CSL85a,  
 DeS85, Fel85a, Pie85]. **action** [MS88b].  
**activity** [ML88]. **acute** [SMH87, SvDHH89].  
**Ad** [Zvi89]. **Adams** [LP81, LJP84, RT81].  
**Adaptation** [CLF86, dlS87]. **Adaptive**  
 [Cas85a, CLS87, CL89c, HS87, HS88,  
 BdSM88, Kan88, MdIS86, Sen88a, dlS85,  
 dlSGA87]. **adaptive-control** [Sen88a].  
**Addendum** [Ano89n, Rob87a]. **adding**  
 [Sch86c]. **ADI** [Duf83, Wac84a, YE87a].

**adjoint** [Eva81a]. **adjusting** [Han86].  
**adjustment** [Kit89, YNA89]. **adjustments**  
 [SDB89]. **adriamycin** [WLR87]. **Advanced**  
 [Con87a]. **Advances** [Ano88r, Ano88-43].  
**advantage** [Wit87a]. **advection**  
 [HS87, HS88]. **aesthetic** [Osb86]. **Affine**  
 [Tom85]. **after** [MR88d, SDB89]. **against**  
 [IM89a]. **Age** [WSR87, Bla83, Bra83, Cus85,  
 Cus86, Eld83, Eld87, Eva88, KSW85, Lev83,  
 Li88, Mar83, Mar85a, Mur83, Prü83, Sho80,  
 Swa88, Ven87, Web83, YE87a].  
**age-dependent** [Bra83, Eld83, Eld87,  
 KSW85, Lev83, Sho80, Swa88, Ven87].  
**Age-size** [WSR87]. **age-specific** [Prü83].  
**age-structured** [Cus86]. **age-structured**  
 [Bla83, Cus85, Li88]. **aggregating** [Pan82c].  
**aggregation** [Eva81b]. **aggressive** [Jär89].  
**aging** [AA85]. **agriculture** [Ste81b]. **Aided**  
 [Rei81]. **AIDS** [Tho89]. **aim** [SA87]. **air**  
 [LRG89, MPW87, RLM<sup>+</sup>87, ZB88].  
**air-combat** [MPW87]. **Aircraft**  
 [PR87, AR87c, Jär89]. **airfoil** [CF88].  
**Aitken** [Jur83]. **ale** [Nic87]. **Algebra**  
 [Rei81, Pan85c, Wil87]. **Algebraic**  
 [Pan87a, Pan83, Pan85d, Sla86, TG88].  
**algebras** [BM84b]. **Algorithm**  
 [Fra89, AS88, AS89, AR87b, AMR89, AB81b,  
 BM89a, BB87, Boz81, Cas83b, CF84a, EW84,  
 EW86, EW88, EO82, FHS84, GM88, Hag88,  
 Jul88, KTW83, KLT80, Kob89a, Lin89,  
 Lou83, OP89, ODS86, Pan85b, Pas82, Pur83a,  
 Pur83b, Rab86, Rus89, SB88, SSS87, Sha81a,  
 Ubh87, WW89a, YE86, YE87a, YE87b].  
**Algorithmic** [VO85, Ng81]. **Algorithms**  
 [TSY88, BL81, BP86, BS80b, CB88, Cod88,  
 CP88, CdC85, Dev81b, Dev81a, HGP86,  
 KA89b, LLM84, LO82, MdIS86, Muk81,  
 Ort86, Pan82b, Pan85d, Pan85c, Pet89,  
 Pug89, SLPC87, Ubh83, Ubh84, ZN88,  
 Ste81a]. **Alhambra** [PG87]. **all-furthest-**  
 [Tou83]. **allocation** [McL86, RPL87, TC89].  
**alloys** [Pau89]. **Almost**  
 [Blo88a, CKB83, CK89]. **alternate** [Bas89].  
**Alternating**

[Eva81a, CS88a, Hay80, YE87b].  
**alternating-direction** [CS88a, Hay80].  
**alternative** [KW89, Mei86a]. **Amsterdam** [Ste81d]. **AN-stable** [Zed87]. **analogue** [IM89b, TT89]. **analogues** [Bro89].  
**Analysis** [Ame88, CN89, LL89, PAC85, SHPT87, St.85, Ano87-29, BM85a, BM85b, CW85, CdC85, EL88, Gra87, Gre87a, Gri83, Had81, Jur83, KKK88, KO88, Kou89, Kou90, Krz86, Li89, LV86, Lou84, ML88, MR88a, MS88b, MS88c, Mit89a, MRV85, MM86b, ND88, O'C87b, RL88, Ros87, Ser80, Sha81a, SI89, SD87, TG88, Tuz88, Ver89, Vla86, WAYU88, O'C87a]. **Analytic** [Zad89, Zad92, SF88]. **Analytical** [KESC89, BD85, CF88]. **analyzed** [BGG<sup>+</sup>87]. **analyzer** [Had85]. **analyzers** [SHPT87]. **Anderson** [O'C87a]. **aneurysms** [MS88e]. **Angell** [Con87a]. **angle** [Ano87-35]. **Announcement** [Ano80a, Ano83a, Ano88b].  
**Announcements** [Ano88c]. **annual** [Ano88r]. **answers** [Ste81c]. **antenna** [LK85]. **Antisymmetry** [Shu88a, Zam88].  
**APA** [Pan82b]. **APA-algorithms** [Pan82b].  
**apparent** [Pau89]. **appear** [Ano86k, Ano89r]. **appendices** [Ste81c].  
**Applic** [BM90, Kou90]. **Applicable** [Ano87c]. **Application** [BD85, CKB83, IE88, MN88, MdIS86, Neu80, Rok85, Rud88, WAYU88, YE87a, AS88, Akr81, And86, Ano89n, Asm87, BKL88, GZ89, HC89, LL88a, OP86, Pan85d, PB82, PB81a, PB81b, Rob87a, Rob87b, SF88, SI89, Sod85, UM85, Yak89]. **Applications** [Ano88f, Ano88e, Ano88d, (Co85, McD85, TR88, Tuz88, Zad92, Ano84a, Asz80, BEW86a, CM88, Cus83, DD83, Ede80, GP89, Gyö89, Mar86a, RW87, RR88a, Sha81a, SU88, Wit83c, Ano88r)]. **Applied** [Mea86b, Web86b, BS85, Eld87, Lam86, Mak89, MC85, Mø186, SCSS85]. **Applying** [IR89]. **appraisal** [Rod88a]. **approach** [AS89, Ado87a, Ado88a, Ami89b, Ano89n, AR87c, DV87, Har86d, Kou89, Kou90, Mar83, McC83, MM88, Ng81, OS84, PM87, Per87, Ran88, Rob87a, Rob87b, Sen88a, Sod87, TD88, YNA89, Zad83]. **approaches** [WCB85]. **approx** [Lev82]. **approximants** [AS88, AS89, Cuy82, CvdC83].  
**approximants-the** [AS89]. **Approximate** [Ben85, Cho85, HZ86, BSPSM81, Lip84, Pan82a, Pan87b, PR86b, Sar84, Sar88, ZL80].  
**Approximation** [PB82, SSB88, Ell86, Fol87, Gyö88b, KLT80, Man87, MS88a, Mei86a, OvD89, PMS86, SL88, Sza87a, Sza87b, Tom85, Ubh83, Ubh84, Ubh87, Was84]. **approximations** [Bal86b, Bal88, BE85, CK89, Die84, DS85, FGP83, Hay80, Lay83, Lay85, OK82, Pie85, Ser80, TG88, Vic85, Wer86]. **aquatic** [Ant89]. **Arabian** [CARG89, LBC82].  
**arbitrarily** [Ser80]. **arbitrary** [Bha82, BP86]. **archaeological** [Bér89a].  
**archaeology** [BHW86]. **architectures** [CP88, Pug89]. **area** [Lou84, RPL87, RL88].  
**Argot** [All83]. **arguments** [AC86]. **arising** [FS80, LK85, McC85, MN83, Ras85].  
**arithmetic** [BB83, Bos87, Jáj85, Pan82a].  
**Arizona** [Ste82]. **ARMA** [Ben85, BM85c].  
**Arrangements** [Tel89, Chu84]. **array** [Sch85]. **arrays** [CP87, SFK87]. **art** [Bér89a, Mak86a, McW89, MM86a, Sch86a].  
**articles** [Jay92, Los92]. **Artificial** [RLM<sup>+</sup>87, GB85, (Co85, MC85, Ste87)]. **arts** [Róz86, Yu89]. **Asada** [Gra87]. **ASE** [Ano88f]. **Aspects** [SL85b, CBC89, RR89, ST88]. **assembly** [Pou89]. **Assessing** [McL86]. **asset** [Cer89b].  
**assignment** [Eva81b, SB88]. **assistance** [BN81]. **Associated** [Rei81, Blo85, FN86, Web83]. **associations** [Vai86]. **asymmetric** [AE87, JM89, Mei86b].  
**asymmetries** [San86]. **Asymmetry** [Ács89, Her86, Don86, PT86]. **Asymptotic** [Bla83, Bro87, FMWW86, Ara83, BN81, BC86, Mei86a, Mór81b]. **asynchronously** [Wit83c]. **atmospheres** [KESC89].

**atmospheric** [CS88b, TR88]. **atom** [Pau89]. **Atomatics** [Tuz88]. **atomic** [Asl88]. **attractivity** [KLS89]. **authentication** [HHL89]. **Author** [Ano85b, Ano85c, Ano89b, Ano86i, Ano86j, Ano87y, Ano88-30, Ano88-31, Ano89q, Ano85d, Ano86b, Ano87d, Ano87e, Ano88g, Ano89c]. **authors** [Ano84d]. **automata** [Pic89b]. **Automated** [LRG89, Pou89]. **Automatic** [Dal85, GR88, KKS86, KT86, Mur87, VO85, Omo82, Wac85]. **autooscillations** [SM80]. **autoregressive** [SSB88, WAYU88]. **auxiliary** [Sza87a]. **available** [Bur82]. **avalanche** [PPR<sup>+</sup>89]. **Avar** [Bér89a]. **average** [Dev81b, Dev81a]. **avoidance** [CLS87, CL89c, MP89]. **axis** [AMR89]. **Ay** [SE88b].

**B** [Mea86a]. **Babel** [Cho89]. **backtracking** [Lou83]. **backward** [Cas83a, Ver86]. **bacteriophage** [RTF<sup>+</sup>88]. **bags** [BPXY88]. **Bairstow** [AV82]. **balanced** [CS88b]. **balsam** [ByMS86]. **Banach** [GP85, TW80]. **Banyan** [Jul88]. **bargaining** [ERH89]. **Barr** [Ste87]. **Barrier** [SS87, PM87]. **Barting** [Sch86a]. **base** [HF86, WJMM83]. **based** [AAM86, CA86, Hag89, Hav83, KO88, LL88b, Lip84, LV86, LO82, SDS81, Sen88a, Wer86]. **Basel** [Mea86b, Web86b]. **basic** [STY83]. **Basin** [Bér89a]. **basis** [VO85, vNvN89]. **Basset** [BT89]. **bathymetry** [BBPW85]. **batik** [Haa89]. **beam** [Ber82, Ver86]. **bearing** [HLHG89]. **beauty** [Pic89b]. **bed** [PAC85]. **behavior** [Bla83, BC88, CO83, FMWW86, Lay85, Pou88]. **behaviour** [Bro87, Ira87, Prü83]. **Behrens** [Cho85]. **being** [Rod88a]. **Bellman** [Ano86l, KK86, Pan86]. **Benchmark** [TT86, Ano85i]. **benefit** [SI89]. **benefits** [SDB89]. **benzenoids** [CBC89]. **Berlin** [Kam87]. **Bessel** [GS81, PB82, Pie84]. **Better** [Tur88]. **between** [AG80, CK88a, GHN89, MT85, Sla86].

**Beyond** [Cho89]. **Bézier** [Scu89]. **bias** [But85, SDB89]. **bibliography** [Rod87d, Rod89a]. **Bidiagonalization** [Hag87]. **bidimensional** [OP86]. **Bifurcation** [Cus83, MPL86, Qin86, Swa88]. **biharmonic** [Lot87]. **Bilateral** [San86]. **binary** [AR87a, Pur83a, Vla86, Wal85]. **binomial** [HP89b]. **biochemical** [FS83]. **bioengineering** [Nic87]. **bioingineriei** [Nic87]. **biological** [Gre89, Vai86]. **biology** [Ras85]. **Biomathematics** [Gro87]. **biomechanics** [MS88d]. **biomedical** [Koh89]. **biopolymers** [LRBK89]. **biquintic** [WA89]. **birth** [Let87]. **bisection** [GM88]. **bisexual** [Kra87]. **bit** [Cod88, Pan81a, Pan82a, Pan85c]. **bit-cost** [Cod88]. **bit-operation** [Pan81a, Pan82a]. **black** [Sch86b]. **blade** [IR89]. **blending** [Sch86c]. **Block** [Cas85b, STY83, TSS88, SGN87]. **blocking** [Lau80]. **blood** [MS88b, SvDHH89]. **board** [Ano85f, Ano80b, Ano81b, Ano82b, Ano83b, Ano84b, Ano85e, Ano86d, Ano87j, Ano87k, Ano88u, Ano88v, Ano89j, Ano89k]. **bodies** [Pet89]. **body** [MS88d]. **boll** [FC83]. **Boltzmann** [TB87]. **bonding** [Mak86b]. **bone** [MR89b]. **Book** [Ano86c, Ano87f, Ano87g, Ano87h, Ano87i, Ano88h, Ano88i, Ano88j, Ano88k, Ano88l, Ano88m, Ano88n, Ano88o, Ano89d, Ano89e, Ano89f, Ano89g, Ano89h, Ano89i, Col82, Con87a, Eld87, Gra87, Gre87a, Gro87, Kam87, Lev82, Lov82, Mea86a, Nic87, O'C87b, O'C87a, Rod84a, Rod84b, Rod84c, Rod85a, Rod85b, Sha82, Ste87, Ste81a, Ste81b, Ste81c, Ste81d, Ste82, Wal87]. **bookbindings** [RR89]. **Books** [Ano81a, Ano82a]. **Boolean** [HWYL88]. **Both** [Ste81c]. **bottom** [HKW89]. **boundaries** [IM89a]. **Boundary** [Aga88, Ado83, AC86, AW89, AAM86, Ano87w, BE85, BP85, BN86, Cas83b, Cas84, Cas85a, Cas86, DD89, Dey88, ES87, Eva88, Fit83, FGP83, HK85, JT89, KKRS84,

- KKK88, Kha86, Lay83, LE81, Lip84, McC85, NP81, Roh83, SP89, STM87a, TR88, UW80a, UW80b, Usm85, VP85].
- boundary-value** [AC86, AAM86, Cas86, HK85, Lip84, Usm85].
- bounded** [LM86a]. **boundedness** [LL88a].
- bounding** [Gip85]. **Bounds** [AWYU82, Ara83, Avi81, HS81, JJ85, Kra87, Pet87, PM84, Tro80]. **Boussinesq** [IM89b]. **Box** [Ste81c]. **bracketing** [Hag89].
- branch** [EW86]. **branches** [Cus85].
- branching** [Sho80, TSJ89]. **break** [AB81b].
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- Brief** [Zel92]. **brine** [CW85]. **Brockington** [Ste81b]. **broken** [Man86]. **brown** [SMH87].
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- Buoyancy-induced** [Wan88]. **Burgers** [OP86]. **Byrnes** [Sha82].
- C** [Col82, Mac86a, Sha82, Sni88, Kro89].
- C-programming** [Sni88]. **C.** [Jay92, Zel92].
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- calculations** [Ede80]. **calculators** [Lev82].
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- California** [HC89]. **Call** [Ano88r, Ano88p, Ano88q, Ano83a]. **called** [Pau89]. **Cambridge** [Lov82]. **Can** [Sza89].
- canceling** [Pan82c]. **cancer** [GGR<sup>+</sup>87, Per87, Rig87, SDB89, TO87].
- cancer-therapy** [Rig87]. **cannibalism** [Lev83]. **canonical** [FHS84]. **capability** [Ano87-35]. **capable** [Big88]. **capacity** [Pou89]. **capillarity** [Gre88a]. **Carbon** [Bal89]. **Carleman** [Fit83]. **Carlo** [CA86].
- Carmichael** [WH82]. **Carpathian** [Br89a].
- carry** [Pur83b]. **carry-free** [Pur83b]. **cars** [YdV89, YV89]. **cascade** [CF88]. **case** [Avi81, BK87, KW89, Mar89, MdlS86, MS88f, PB81a, PB81b, Tel89, TK89b, YdV89, YV89].
- catalog** [Cha89]. **categorical** [Krz86].
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- Cauchy-type** [DS85]. **causal** [Ano89n, Rob87a, Rob87b]. **causality** [dM84]. **cavity** [Gre87b]. **cell** [BGG<sup>+</sup>87, BM89b, BM90, DHT86, FWPT87, KA89a, Pou89, Rig87, SvDHH89, Web89].
- cell-size** [DHT86]. **cells** [AK89b, DV87, Rig87]. **Cellular** [AA85, Her86, Mur83, Wit83c]. **Century** [Br89a]. **certain** [FMWW86, OB88].
- chains** [Chu88b]. **Champaign** [Lev82].
- channel** [Gre88b]. **channels** [LM86b].
- Chaos** [Ano88s, Bla86, CSUZ89].
- characteristic** [Dev81c]. **characteristics** [CLF86, KS85, LCG86, MS88c, Zem85].
- characterization** [SA87]. **characters** [dW88]. **Charles** [Lev82]. **Chebyshev** [GR88, Ger86, GS87b, HK85].
- check** [Bos87]. **checkers** [JA87]. **checking** [JA87].
- Chemical** [Len89, Bal86a, MLDR87, MR88a, Pea86, Sla86]. **chemist** [cs89].
- chemistry** [Sla86, SU88]. **chemotherapy** [GGR<sup>+</sup>87]. **Chi** [Har89b, MC84].
- chi-squares** [MC84]. **child** [SvDHH89].
- children** [Ha89]. **Chinese** [Ha89, Yu89].
- chips** [XS87]. **Chirality** [Sok86]. **Choice** [EC86, CF84a, Sod85, Tho86b]. **Christian** [Ker89]. **chromatic** [HS81].
- chromatographic** [PAC85]. **Chuan** [Har89b]. **circle** [Eng88b]. **circuit** [Lir89].
- circuits** [AR85, AB87a, JJ85]. **circular** [KTW89, San86, SRP87]. **circulation** [STP88, SM88a]. **circulation-preserving** [STP88]. **citation** [Ano87-30]. **Clarendon** [Ste81b]. **class** [Ami89b, BR86, Blo87, Blo88b, CB88, Fra80, GS87c, Han86, HL89, KSTK84, PR85, STY83, SGN87]. **classes**

[KS85, Sha86a]. **classical** [AB81a, Blo85, MWBM89, MRV85].  
**Classification** [Jen86, Cho86, EC86, Gup86, Kno86, Mak89, O'N86]. **classifier** [Han86].  
**Cliffs** [Col82]. **clinal** [Gre87a]. **Clonal** [AK89b]. **closed** [Jär87]. **closed-loop** [Jär87]. **closest** [Tan89]. **Closure** [Rei81].  
**coastlines** [Kap86b]. **code** [Fel85b, JV88, SDS81]. **Codes** [Rao84, Ano87z, BN81, Bos87, Her88, SBB83].  
**coding** [O'N89]. **coefficients** [BB84, BG88, HP89b, Kar87, MM84, OS84, SSB88, Sod87].  
**cold** [CW89, Col85, WW88]. **collection** [Ano85i]. **collision** [LM86b, MP89].  
**collision-avoidance** [MP89]. **collocation** [AW86, BT89, Hay80, Yan87, Yan89].  
**colony** [Mur83]. **Color** [Sen88b, CK88a, Zou89]. **Colored** [eZ86, Sch86b, Was86]. **coloured** [Mak86a].  
**columnar** [Gra86]. **combat** [GP89, Jär89, LRG89, MPW87, Raj89, RLM<sup>+</sup>87].  
**combination** [MC84]. **combinations** [Lin89, Pan81b]. **combined** [KLT80].  
**combustion** [Sod85]. **comment** [Ado88a, Zel92]. **Commentary** [Jay92].  
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[Lov82]. **constant** [Gei81]. **constants** [BP86]. **constrained** [HRA89, Pra80, Rus89]. **constraint** [Mar85b]. **constraints** [AF87, CF84a, VMO89]. **constructing** [AB81b]. **Construction** [Lin86, AHL83, PM87, Ser80]. **constructions** [Fle88]. **containing** [Ano88-37]. **containment** [YdV89]. **content** [Che87b]. **Contents** [Ano85h, Ano86i, Ano86j, Ano87y, Ano88-30, Ano88-31, Ano88-37, Ano89p, Ano89q]. **contexts** [Was86]. **Contingency** [SCH87]. **continued** [CdC85]. **Continuous** [LL88a, Sar84, Ber89b, CW86, DOS88, Krz86, Li88, Mar86c, MB89, Sar88, SLPC87, TT86, Vla86]. **continuous-time** [SLPC87]. **continuously** [ODS86, Tho87]. **Contopoulos** [PB81a, PB81b]. **contractions** [Riv86]. **contributions** [Ano86l]. **control** [ÅH86, Ano89n, Ant89, Asz80, Chu88a, CLS87, IE88, LL88a, LK83, Mar85b, McD83, Med88a, Med88b, MdlS86, Pan86, Pou89, Qin84, Rob87a, Rob87b, SFK87, SE88b, Sen88a, STY83, SGN87, Str89, YV81, dlS85, dlSGA87, Gra87]. **Controllability** [KW89, Qin84]. **controlled** [FN86]. **controllers** [CL89c]. **controls** [Jär87, YJ81]. **convection** [JM84]. **convention** [EA85]. **Convergence** [SZ89, TW80, WO87, And86, CK89, Chu88b, KW81, LM86a, MdlS86, SB88]. **convergent** [Rus89, Sny89]. **converging** [EW86]. **Conversion** [Rao84]. **conversions** [SLPC87]. **convex** [ATB82, Dev81a, Dev82, DD83, MT85, OP87, Ubh83, Ubh84, Ubh87]. **conveyance** [EL88]. **convolution** [FMWW86, JM82]. **Cooperation** [Tar88]. **Cooperative** [Mar86b, Tan89]. **coordinates** [SD87, Ste88]. **coreflectors** [WLL88]. **corner** [CF84b]. **coronoids** [CBC89]. **correction** [Cas83b, KLT80]. **corrections** [Cas86]. **corrector** [DD83, Kha89]. **correlation** [SS88]. **correlations** [Web89]. **corresponding** [Ber82]. **corridor** [dPLBA87]. **Corrigenda** [Ado88a]. **Corrigendum** [Ano88t]. **cortex** [GT88]. **Cost** [SI89, Che84a, Cod88, YdV89]. **Cost-benefit** [SI89]. **cotton** [FC83]. **Could** [San86]. **counter** [PAC85]. **counter-current** [PAC85]. **counterexamples** [Hua89]. **counterpoint** [MWBM89]. **country** [Loe86b]. **coupled** [Gro88, KTPB85]. **coupling** [BD85]. **course** [Kap86a]. **court** [Loe86b]. **cover** [Lev82, Ste81c]. **Covering** [GH88]. **crack** [MR89b]. **crafts** [Yu89]. **cranial** [MR88b]. **create** [Sch86b]. **criterion** [JT89]. **crop** [FC83]. **cryptography** [HHL89]. **cryptosystem** [AB81b, Web88]. **cryptosystems** [AB81b]. **Crystal** [Asl88, GK88, Bok88, Kop88b, Pau89, Sen86, SU88, Zvy88]. **crystallization** [SBCC86]. **Crystallographic** [Mam86, Hau88, Mol88]. **crystallography** [Eng88a, Fic86, Hau88, Mac86c, Rud88, Vai88]. **crystals** [Roc88, TT89]. **CSRL** [BMC85]. **CT** [LV86]. **cube** [BCC<sup>+</sup>86, Bur82, HWYL88]. **cubic** [BE88, Che84b, PR86b, Pau89]. **Cubical** [Har88a]. **cultural** [Was86]. **Curie** [Bra86, Shu88b]. **current** [PPR<sup>+</sup>89, PAC85]. **currents** [CLF86, CARG89]. **curve** [SM80]. **curved** [BM84a]. **curves** [Scu89, Web89]. **cycle** [BM89b, BM90, KA89a, Rig87]. **cycles** [BE88]. **cyclic** [CS89, GHN89]. **cylinder** [SRP87]. **cylinders** [OB88]. **Cylindrically** [Kup87]. **cytofluorimetric** [Ros87]. **cytometric** [BGG<sup>+</sup>87].

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- E-M** [Ros87]. **E.** [Los92]. **early** [Cum86, San86]. **easy** [Was84]. **econometric** [Chr89]. **economic** [AR89, CB89, KW89, YNA89]. **economics** [O'N89]. **economy** [Tót86]. **ecosystem** [ByMS86]. **ecosystems** [Ant89]. **ectotherms** [ST88]. **Ed.** [Web86b]. **edge** [LB86]. **Edited** [Gro87, Sha82, Ste81d]. **editor** [Rod87c, Rod88b, Wac85, Wit87b]. **Editorial** [Ano85f, Ano87l, Ano87m, Ano87n, Ano87o, Ano87p, Ano87q, Ano87r, Ano87s, Ano87t, Ano88w, Ano88x, Ano88y, Ano88z, Ano88-27, Ano88-28, Ano89l, Ano89m, Ano80b, Ano81b, Ano82b, Ano83b, Ano84b, Ano85e, Ano86d, Ano87j, Ano87k, Ano88u, Ano88v, Ano89j, Ano89k]. **Editura** [Nic87]. **edn** [O'C87a]. **Eds.** [Mea86a, Mea86b]. **Education** [Ste82, GG87, (Co85)]. **EEG** [MWBM89]. **Effect** [MB89, Ano89n, Rob87a, Rob87b, Tho86a]. **effective** [Gip87]. **Effectiveness** [MHM87]. **Effects** [Dey88, ByMS86, MDR85]. **efficiency** [DS81, EC86, RT81, Sen89b]. **Efficient** [LY88, PR89, SJ85, SZ88, WW89a, AB81b, Ewi80, Fel85a, FS80, PR86a, Pan89, SB88]. **efficiently** [JA87]. **eigenlength** [MN83]. **eigensystems** [Ger80]. **eigenvalue** [LO86, NS88, Pan83]. **Eigenvalues** [Kob89b, EO82, Usm85]. **elastic**

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- interplay** [Sla86]. **Interpolation** [Fol87, LB86, Sha87, BdSM88, Ber88, Che84b, Dun80, Fra82, MM88, Sal84a, Sal84b, Sch86c, WA89]. **interpolatory** [PR86b, TW80]. **interpolatory-newton** [TW80]. **Interpretation** [Pau89, Big88, Kam87]. **Interpreting** [Isr83]. **interrupted** [YV81, Yav87a]. **Interscience** [Gra87, Ste81a]. **intersection** [McA88]. **interval** [Pet87]. **intervals** [Lay85]. **intrapoint** [Mal89]. **Introduction** [Ano87x, NN88, Win85, O'C87a, Ral87, Wac85]. **Invariance** [Roc88]. **Invariant** [Ame85, Den86b, Kup87]. **inventories** [HC89]. **inventory** [MS81, Oda88]. **inverse** [AMR89, Fra80, Kob89a, Lip84, Mor81a, MR88d, Mur88, Mur89]. **inverses** [KTW83]. **investigation** [GE87]. **investigations** [MWBM89]. **invisible** [CF88]. **Irreducible** [Wim83]. **irregular** [EG85]. **ISBN** [Lev82]. **ISBS** [Ste81c]. **Islamic** [Cho89]. **ISMIIP'82** [Kam87]. **isomerism** [Sla86]. **isomorphism** [Kar81]. **isoparametric** [Tom85]. **isothermal** [JM84]. **isotropic** [LO89, YK87]. **isovector** [Ede80]. **issue** [Ano85a, Ano86a, Ano87a, Ano87b, Ano88a, Ano88r, Ano88-37, Ano89a]. **issues** [MC85, RC83]. **iterated** [BB83, Cas86]. **iteration** [Lip84, MN88, Rob86, TW80, Wac84b]. **Iterations** [Gar80, PS84, Pet87, Tro80]. **Iterative** [CF87a, Wer86, CP87, CF87b, CF87c, Neu80, Pas82, YE86, ZL80].
- J** [Cro86, Lev82, Lov82, Mea86b, O'C87b, Wal87]. **Jacobi** [CF87b, GHN89, Lip84, MP86, Smi83]. **Jacque** [Gra87]. **Japanese** [Haa89]. **Jay** [McW89]. **Jaynes** [Los92]. **Jean** [Gra87]. **Jean-Jacque** [Gra87]. **Jeff** [Ste81a]. **Jersey** [Col82]. **Jitterbug** [Ver89]. **job** [Che87a]. **joint** [Gra86, TA89]. **JOR** [CF87b]. **Joseph** [Gre87a]. **joy** [Har89a].
- k-nearest** [EC86]. **Kalinowski** [Mea86b]. **Kane** [AMR89]. **Kaufman** [Ste87]. **Kekulé** [CG86]. **Kennington** [Ste81a]. **kernel** [MM86b]. **key** [HHL89, KL84, Web88]. **Kiguradze** [KS85]. **kind** [SGG89]. **Kinetics** [Rig87, BGG<sup>+</sup>87, FWPT87, Len89]. **Kleene** [BM84b]. **Knowledge** [SB85, Hav83, McC83, Tuz88]. **known** [EC83]. **Kolmogorov** [Let87]. **Korteweg** [BDK86]. **Kronrod** [Rab86]. **Kutta** [Bru87, DP87, Kar87, Ver82, Cas84, Cas85a, Cas85b, DP86, DLMP89, Gip85, JT89, ODS86, SE88b, Sha84, Sha87, SPF86, Tho87].
- L** [Gre87a, Lov82, Mea86b, Ort86, Ste81a]. **laboratory** [HP87, Wal87]. **laceflowers** [CBC89]. **Ladany** [Ste81d]. **Lagrangian** [IE88, Soc88, TM87]. **Lakshmikantham** [Web86b]. **Language** [CKB83, BMC85, CL81, DW83, Had85, LK83, McC83, McD83, Ral87, Sow83, WJMM83]. **languages** [GB85, TT86, Zad83]. **Laplace** [DD89, Duf83, PB86]. **large** [Chr89, EL88, He87, Mar88, SB88, Sny89, Sza87a, ZB88, ZN88]. **large-scale** [He87, Mar88, SB88, ZB88]. **Larger** [WH82]. **largest** [OP87]. **Latin** [AHL83]. **lattice** [Ami89b, dW88]. **lattice-theoretic** [Ami89b]. **launch** [GS89]. **LAV** [Kra87]. **law** [SS88, SGG89, SU88]. **Lawes** [Wal87]. **laws** [HHHK88, Mer87, Sha86b, Sza87a]. **layer** [TR88]. **layers** [Cas85a]. **Layman** [Sal84b]. **leak** [Tur88]. **learning** [LRG89, Yak89]. **least** [BM88, CF84b, Die84, KT89, Los89b, O'N89, PR86a, Ubh87, ZN88]. **least-squares** [Die84, O'N89, PR86a, ZN88]. **leaving** [Han87]. **leaving-one-out** [Han87]. **Lebesgue** [GB88]. **Lecture** [Gro87, Mea86b, Web86b]. **left** [MS88e]. **leg** [Fat84, Fat85]. **lei** [Nic87]. **Leningrad** [Har88b]. **Letter** [Rod88b]. **Letters** [Rod87c]. **leukemia** [SMH87, SvDHH89].

**level** [CL81, EW86, EW88, Wac84b]. **Levin** [Gro87]. **Lewis** [Col82]. **Lexicon** [CKB83]. **Lidstone** [AW89]. **Lie** [Rei81]. **lifting** [IR89, RI89]. **Lightning** [Con87c]. **like** [GB88, MR88c, Wer84]. **Limits** [Har86a]. **line** [Mar89, SD87, Ung82]. **line-of-sight** [SD87]. **Linear** [AG87, AB87b, OP87, PR89, Ubh83, Abe84, AW86, Ake87, BZ89, Cas86, CN87, CMN88, CNM88, Chu88a, Chu84, CF87a, CF87c, Cod88, CW86, Die89, Gar82, GP85, GEG87, HGP86, HWL89, KT89, Lam88, LL88a, LE81, Los89a, Mar88, MT85, Mil86, MC84, Pan85c, Pan85a, PR86a, Rob86, Sha82, SP89, Squ81, Swa88, TC89, TD88, Wai81, Wai82, Wil87, WFW81, YE86, YE87b, Zad89, Zad92, ZWS85, ZN88, ZA88, vN87]. **linearisation** [Chr89]. **Linearized** [Yee86]. **lines** [Blo87, Blo88b, Gyö88a, LO86]. **linguistic** [Big88, WBZB88]. **linked** [Omo82]. **Liouville** [Kob89a, Kob89b]. **liquids** [Fin89, Kha86, Roc88]. **List** [Ano85h, Ano86i, Ano86j, Ano87y, Ano88-30, Ano88-31, Ano89p, Ano89q]. **Listing** [Ano87z]. **literature** [PT86]. **living** [Pet89]. **LMM** [SZ89]. **Lobatto** [Ger86]. **Local** [Fin89, Gro88, Sin83, Fra82, RPL87, RL88]. **local-area** [RL88]. **localization** [HLHG89]. **Locally** [CF88, SF88]. **Locating** [FL85, XS87]. **location** [Che84a, KC80, SLHC89]. **Logarithmic** [CLOT86]. **logic** [AR85, CP87, SFK87, Lov82]. **Logistic** [Web86a, AL86, Gyö89, LM86a]. **long** [Lay85]. **longest** [OP89]. **look** [CL81]. **looking** [Ali87]. **loop** [Jär87, RPL87]. **looped** [EW88]. **loosely** [Gro88]. **loosely-coupled** [Gro88]. **loss** [JM89, MP89]. **lost** [Ger89]. **Lotockii** [Sal84b]. **love** [Wil86, STB88]. **Low** [CF87b, DGL88]. **Lower** [JáJ85, Kra87]. **LSI** [XS87]. **LSI/VLSI** [XS87]. **lubrication** [WO87]. **Luke** [Ort86]. **lung** [SDB89]. **lymphoblastic** [SvDHH89]. **Lymphocyte** [Lum87].

**M** [Pou88, Pou88, Ros87]. **M.** [Mac86a]. **M/M/1/N** [Pou88]. **Machine** [Rob86, Yak89]. **machines** [BS80b]. **Machol** [Ste81d]. **macroeconomic** [Har86d]. **macromolecules** [Vai86]. **MAGE** [YE87b]. **Magic** [Sha86a, Loe89]. **magnetic** [KTW89]. **magnetized** [STM87c]. **Magneto** [CSD88, MB89]. **Magneto-thermo-elastic** [CSD88]. **magneto-thermo-viscoelastic** [MB89]. **magnetohydrodynamic** [KESC89, KTW89]. **magnetostatics** [Pas82]. **mail** [Ste82]. **making** [MM86a]. **Malcolme** [Wal87]. **Malcolme-Lawes** [Wal87]. **male** [Kra87]. **malignant** [SvDHH89]. **man** [WAYU88]. **management** [TK89a, TK89b]. **manipulators** [AMR89]. **mapping** [Han88, STP88]. **maps** [Pic89a]. **Marcel** [Mea86b, Web86b]. **markets** [Fab89]. **Markov** [Chu88b]. **Markovian** [Pou87]. **Martin** [Sha82]. **Mass** [Lov82, FS85, Fle88, MLDR87]. **mass-conserving** [FS85]. **Matching** [Hos86, Avi81]. **material** [KO88]. **materials** [KO88, YK87]. **Math** [BM90, Kou90, Wit87a]. **Mathematical** [Ali87, Ano88r, Ano88-34, Eng88a, GE87, MR88a, Wit87b, Ame88, BM85a, BR86, Bir85, Bla86, Joh86, Lum87, Mar83, MWBM89, MLDR87, MR88b, MS88b, MS88c, MS88d, O'C87b, Tuz88]. **Mathematics** [Eso88, Fus87, Mea86b, Pic89b, Web86b, Zad92, Eld87, HP86, Kap86a]. **Mathl** [Rob87b]. **matrices** [BM84a, EO82, Fra80, GHN89, Kar81, WD86]. **Matrix** [CP88, Fra89, Lev82, TSY88, AS88, AS89, CF86, CS89, GHN89, KTW83, Lip84, Mao86, MSH80, Pan81a, Pan81b, Pan82a, Pan82b, Pan82c, Pan85c, Pug89, Tak88, TSS88, WCB85, WSR87]. **max** [Med88a, Med88b, Rus89]. **maximal**



[Lou83]. **maximize** [YJ81]. **maximum** [Che87a, Dev80, Yan87, Yan89]. **Maxwell** [Rod88a]. **McKendrick** [Cus83, Cus85, Cus86, Lev83]. **MDX** [SCSS85]. **mean** [Bro87, Oza81, Sza89]. **means** [Cho84, Sid83]. **measure** [GB88, LL88b]. **measurement** [Sta89]. **measurements** [Gup86, HLHG89]. **measures** [Kra87]. **mechanical** [LdT85]. **Mechanics** [Ste82, Ano88-43, Ano88-44, MS88e, SE81]. **Mechanisms** [Gre88a, Hav83]. **media** [CW89, GK88, Kha86, MS85, Ros80, Soc88, Wan87, Wan88]. **Medical** [Kam87]. **medicine** [Wit87b]. **medium** [KTPB85, MPW87]. **medium-range** [MPW87]. **megakaryocyte** [TSJ89]. **melting** [Wan87, WW88]. **memoriam** [Wit85b]. **memory** [dM84]. **Merlin** [Loe89]. **mesh** [BE85, Gro88, Han88, Kan88]. **mesoscale** [LL88c]. **messages** [KL84]. **metaphors** [Ben89]. **method** [AV82, AAM86, Aok89, BJ87, BB84, BdSM88, BG88, CLF86, CLM87, DGL88, Dun80, ES87, EA85, Eva88, Fat84, FLL82, FS80, GZ89, GS87b, Gyö88a, Hag89, Han88, HK85, Hay80, HHHK88, IR89, KKRS84, KKK88, LCG86, LO86, Luk81, LTW83, Mar85b, Mar88, MS88a, MS88f, MR88d, Mur89, MU82, NP81, Neu80, Omo82, OS84, OP86, Pan83, Pas82, Pra82, RZ86, SF88, Sha88, Sha81b, SLHC89, Sni88, SvR88, Sny89, Sod85, SPF86, SL88, TR88, Tho80, TSS88, Ver86, Wai81, Wai82, Zed87, vNvN89]. **methodology** [WSR87]. **methods** [AC86, AG87, AM81, Ano87c, BM81, BDK86, Bru87, BT89, Cas85a, Cas85b, Cer89b, Che89, CF87a, CF87b, CF87c, CF84b, CS89, DS81, Ell86, Eva81a, ES88a, Ewi80, Fat82, FG80, Ger86, Ger80, GNP82, HTY87, Hau88, JT89, JM82, Kar86, Kar87, KW81, Lay86, LP81, LJP84, LE81, Lip84, Man81, McD85, MLDR87, MdlS86, MR88c, MM86b, OK82, Pan81b, Pan85a, PMS86, PM84, Pra80, RT81, Ros80, Ros87, SE88a, SC88, Sey87, Sha84, Sha86c, Sha87, Sha82, STM87a, Tho87, Usm85, Ver82, VS88, WW89a, Wer84, Wu88, Yan87, Yan89, YE87a, ZA88, vN87, vN88]. **MHD** [STP88]. **Michael** [Lov82]. **Micro** [RW87, RR88a, Gri83, RR88b]. **Micro-computer** [RW87, RR88a]. **micro-computers** [RR88b]. **micro-organisms** [Gri83]. **Microcomputer** [GG87, Fus87, HP87, MRV85, Mye87, Wil87]. **Microcomputers** [AJMT81, MTP82, Wal87]. **micropolar** [AG80, GS80, JM84]. **microprocessors** [SSS87]. **mid** [LB86]. **mid-edge** [LB86]. **migration** [Lum87]. **mild** [Cas85a]. **Milton** [Joh86]. **min** [Med88a, Med88b, Rus89]. **min-max** [Med88a, Med88b, Rus89]. **Mind** [Low89]. **mineral** [SS88]. **Minimal** [CKB83, Mol88, SFK87, Tel89]. **minimax** [Che85]. **minimization** [Hag89, Pra80, SvR88, Sny89]. **Minimizing** [Che87a]. **minimum** [MT85, Tan89]. **Minnigerode** [Bra86]. **misclassification** [Vla86]. **mismanagement** [Tho89]. **Mispacking** [GH88]. **missiles** [IM89a]. **missing** [PG87]. **Mixed** [JM84, BB84, CS88a, ES87, GNP82, Krz86, LK85, Man81, Med88a, Med88b, TD88, Vla86]. **mixture** [DBH88, HF87]. **Mizil** [Nic87]. **Mobile** [MP86]. **modal** [SB88]. **Model** [EGZK87, AR89, Ami89a, BBPW85, ByMS86, BM89b, BM90, CB89, Duf83, FC83, Fit87, Gri83, GE87, HC86, Kra87, LBC82, LL88c, MWBM89, MLDR87, MR88b, MS88d, MN83, Mór81b, Rig87, SLPC87, SM88b, Ste88, TC89, TK89a, TK89b, TO87, TG88, WLR87, dPLBA87]. **Modeling** [TSJ89, Aok89, BKL88, Gre87b, Gre88b, KA89a, Koh89, Roh83, TR88, Wit83c, Wit87b]. **Modelling** [Ano88-34, EGZK87, FWPT87, GE87, Rob87b, Ali87, CS88b, DV87, Fle88, MR88a, ST88, Ste81b, Tuz88, WAYU88]. **Models**

[Lev83, AA85, Ame88, Bas89, Chr89, Die89, Eld83, Har86d, Jul88, KA89b, Li88, Lum87, Mac83, Mit89a, O’N89, RR88b, Rus89, Swa88, Web86a, Zad89, Zad92, ZB88]. **Modern** [Hil89, Eng88a, Vai88]. **modification** [Sha88]. **modifications** [CF87b]. **modified** [Cas83a, GS81, LL88c, PB86, YE87b]. **Modular** [BB83, Pan82a]. **modularity** [Loe86a]. **Modules** [Mea86a]. **modulo** [MM84]. **Moirés** [Gig86, Wit86]. **Moku** [Yak89]. **molecular** [HC86, Sla86]. **molecular-structure** [Sla86]. **molecules** [Mak86b]. **mollification** [Mur87, Mur89, MH89]. **MOLP** [VMO89]. **moments** [PB86, Sza89]. **Monitoring** [Gin80]. **Monographs** [Eld87]. **monotone** [JáJ85, Ubh83]. **monotonic** [FBS88]. **Monte** [CA86]. **Moorish** [GGS86]. **morphology** [O’C87b]. **mortality** [Ano89n, Rob87a, Rob87b]. **MOS** [JA87]. **mosaic** [Cro86]. **mosaics** [PG87]. **Moscow** [Har88b]. **most** [Mar85b]. **mother** [Web89]. **motion** [HLHG89, LK85, Pac87, Ver89]. **mouse** [FWPT87]. **movements** [CARG89, Har89b]. **moving** [Kan88, PAC85, Roh83, YJ81, Yav87b]. **moving-bed** [PAC85]. **MRAC** [dlS87]. **multi** [LM80, MS81, OvD89]. **multi-grid** [LM80]. **multi-input** [OvD89]. **multi-installation** [MS81]. **multi-output** [OvD89]. **multicommodity** [Eva81b]. **Multicriterion** [GP89]. **multidimensional** [CK88a, DD89, Tel89, Yee86]. **multilevel** [VO85]. **multimodality** [ATB82]. **multinomial** [MM84]. **Multiple** [AL86, CW89, Gar80, Krz86, Sch85, Wan87, WW88, CF84a, FL85, Gup86, Lip84, MHM87, Ng81, PMS86, YK87, Zem85]. **multiple-choice** [CF84a]. **multiplication** [CP88, Pan81a, Pan82b, Pan82c, Pan85c, Pug89, Tak88]. **multiplications** [Pan81b]. **Multirate** [dlS85]. **multiscale** [Kri85]. **multistep** [Fat82, Fat84, JM82]. **multivariable** [STY83, SGN87]. **Multivariate** [Mit89a, HTY87, O’C87a, Riv86, STY87, WAYU88]. **music** [Apa89, Don86, Wil86]. **Muslim** [Róz86]. **mutualists** [Smi89]. **my** [Los92]. **mycin** [SCSS85, SCSS85]. **myelocytic** [SMH87]. **N** [Ste81b, Pou88]. **Nash** [ERH89, Gai86]. **Nash-equilibrium** [Gai86]. **national** [Koh89]. **Natural** [CKB83, Gra86, Had85, LK83, McC83, McD83, Pie85, WJMM83, Zad83]. **nature** [Sen89c]. **Naval** [Ste82]. **Navier** [Ado86, BJ87, CN89, Yee86]. **navigation** [YV89]. **Navy** [BKL88]. **NBS** [Ano85i]. **near** [PB81b, STM87b, Ung82]. **near-resonance** [PB81b]. **nearest** [Dun80, EC86]. **need** [Lum87]. **neighbor** [EC86, Orl85, Tou83]. **neighbour** [Dun80]. **neighbourhood** [MR89b]. **net** [Ste81b]. **nets** [Bal89]. **network** [Eva81b, HWYL88, IE88, Isr83, Lau80, ML88, Mór81b, RPL87, Ste81a, YWLB87]. **networks** [BM89a, Chu88b, Gra86, KK87, Par88, RL88, SB88, SDD88, WAYU88]. **Neumann** [Bra86]. **neural** [Fit87]. **neurophysiological** [MWB89]. **neurosurgery** [LV86]. **neutral** [Chu88a, Gyö89, SM80]. **newton** [TW80, Wer84]. **Newton-like** [Wer84]. **Niculescu** [Nic87]. **Niculescu-Mizil** [Nic87]. **Niggli** [dW88]. **No** [Zad92, GS89]. **no-escape** [GS89]. **nodal** [Lau80]. **Node** [HH88]. **Node-graceful** [HH88]. **Noise** [Mur88, Mø186]. **Non** [BD85, CMN88, Fic86, Kit89, Pet89, vN87, Cas86, LE81, Ras85, Soc88, Swa88]. **Non-Euclidean** [Pet89]. **Non-Gaussian** [CMN88, Kit89]. **Non-linear** [vN87, Cas86, LE81, Swa88]. **non-oscillatory** [Soc88]. **Non-space-group** [Fic86]. **Non-stationary** [BD85]. **non-strictly** [Ras85]. **nonclassical** [Ami89a]. **nonconforming** [CN89].

**nonconservative** [Mar85a]. **nonconvex** [TM87]. **noncooperative** [LT87]. **nonequilibrium** [CO83]. **Nonlinear** [Bel83, Bra83, BS80b, Fat82, FN86, HD83, KSW85, Rei81, Web86b, AR89, Ado88c, AAM86, Bal86b, Bal88, BR86, Blo85, Blo86, Blo87, Blo88a, Blo88b, BT89, Cas83b, Cas84, Cas85a, CB88, Cuy82, CvdC83, Dey85, Eld87, ES88b, Ewi80, GS87c, Gyö88a, Had81, HHHK88, KKRS84, KKS86, KL83, KESC89, Mar83, Mar85a, Mar85b, Muk81, Neu80, OP86, Pra82, Qin84, Ran88, Ras85, SM80, Sen88a, Sin83, Sni88, Sod87, Was84, Web83, Web88, WW89b, Wer86, Mea86b]. **nonlinearity** [MK85]. **Nonlinearly** [Ven87]. **Nonlocal** [SE81]. **nonserial** [EW86, EW88, EL88]. **Nonsingular** [JM82]. **nonstandard** [BJ87]. **Nonstationary** [CG89]. **nonuniform** [MLDR87]. **Normal** [Rei87, AK89b, BHM88, Coh81]. **normality** [BHM88]. **Normalized** [LE81]. **North** [Ste81d]. **North-Holland** [Ste81d]. **Norway** [SMH87]. **notated** [Har86c]. **notation** [Har86c]. **Note** [Van87, AR84, Coh81, KO88, KTPB85, RT81, Ung82, Zam89]. **Notes** [Den86a, Gro87, Mea86b, Web86b]. **nother** [Ács89]. **notice** [Ano84d]. **notion** [Gav89]. **novel** [BS80a, DW83]. **nozzle** [HL86]. **nuclear** [OK88]. **null** [WCB85]. **null-field** [WCB85]. **number** [DT88, HS81, HWYL88, LLM84, Mor86, Mor89, STM87a, Wil82, dF89]. **number-theoretic** [DT88]. **numbers** [BS88, Hag88, LL88b, Met80, Rao84, Sza87a, WH82]. **Numerical** [AG80, BSPSM81, Cas86, CS88b, Fat86, GS81, Ger80, Had81, IJ80, IM89b, KKRS84, Kos88, LCG86, LO86, MS88a, MH89, OS84, PS84, Roh83, Ros80, STB88, Spa80, SPF86, WLR87, ZB88, AR87b, BM85a, BGT85, Bir85, BD85, Cas83b, Cas84, CLM87, Dey85, Dey88, DS85, Ell86, FC83, FG80, FBG88, Gei81, HHHK88, HS87, HS88, JM82, Kha86, KO88, Kov80, Lay83, LM80, LK85, Let87, Lou84, MS85, MB80, MdIS86, Mur87, Mur89, OP86, Pan85d, SE88a, SSB88, SJ85, SF88, ST88, Sha86b, SRP87, SL88, VP85, Wan87, WCB85, Yav84, ZA88]. **numerical-stabilization** [ZA88]. **Numerically** [Fel85a, But85]. **Numerov** [Sha88]. **nutritional** [TA89]. **Nystrom** [DP87, Bru87, Kar87].

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**tehnologie** [Nic87]. **telecommunications** [BM89a]. **temporal** [PPR<sup>+</sup>89]. **tension** [HKW89, Sch86c]. **Tenth** [Bér89a].  
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**time-dependent** [Chu88b, Kar87, Men86].  
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**Uniqueness** [Zem85, TB87]. **univariate** [Hag89]. **universal** [SFK87]. **University** [Ano88e, Ste82]. **unknown** [ÅH86].

**unmodelled** [dISGA87]. **unsaturated** [Kha86]. **unseen** [Doc86]. **unstable** [Lay83].

**updating** [AR84]. **upon** [Bok88, Wer86].

**upper** [Kra87]. **Urban** [Cer89a]. **use** [Ake87, FBG88, Ger82, Kar88, Lev82, LTW83, McC83, VO85, WCB85]. **used** [LdT85]. **using** [AR87a, AE87, AMR89, BN86, Cas83a, Cas86, CLF86, Che85, DT88, Hag88, HHL89, HGP86, JJS83, KKRS84, LCG86, Mao86, MR88a, MRV85, Møl86, Mor86, Mor89, Pan82a, PB86, VMO89, WLR87, WBZB88, ZA88, vNvN89].

**utilizing** [RR88b].

**V** [Ste81a, Vai88, Web86b, GH88]. **value** [AC86, Aga88, AW89, AAM86, Cas83a, Cas83b, Cas84, Cas85a, Cas86, DD89, DOS88, ES87, Eva88, ES88b, Far87, Fat82, Fat86, Fit83, FBG88, Ger86, Ger80, HK85, JT89, KKRS84, KS85, LE81, Lip84, LN89, Mao86, McC85, Mil86, NP81, Rab86, STM87a, UW80a, UW80b, Usm85, VS88, Zem85, vN87, vN88].

**valued** [BPXY88, LT87, MSH80]. **values** [FMWW86]. **Variable** [Pra80, AR87b, BB84, BG88, Cas83b, Los89a, OS84, ODS86, Pra82, PR87, Sha87, YdV89, YV89].

**variables** [Coh81, Dev80, Dev81c, DGL88, McC86, Ran88, Rei87, Vla86, WBZB88].

**variance** [O’N86, Oza81, Tel89].

**variational** [BM81, MM88, Tho80].

**variations** [CS89, Kri85]. **various** [MSH80, ND88]. **varying** [KT89, SGN87].

**vault** [MR88b]. **Vector** [CL89a, Ben85, BM85c, BS80b, CP88, LT87, MR89a].

**velocity** [SRP87]. **Venant** [Hua89].

**ventricle** [MS88e]. **Version** [Rod87d, Rod89a]. **vertebra** [MS88d].

**vertex** [MT85]. **vertical** [JM84, Wan87].

**vertices** [KSTK84, Or185]. **vessels** [MS88b].

**vi** [Eld87]. **via** [EL88, Gre88a, KT89, Lev83, Luk81, STP88].

**vibration** [MS88c]. **vibrations** [MR88b].

**view** [Bai89, Low86, Sen89b]. **viewpoint** [CL81]. **VII** [CNM88]. **VIII** [Pic89b].

**Vincent** [Akr81]. **violated** [Mar85b]. **virus** [Kra87]. **viscoelastic** [MB89].

**viscoelasticity** [Had81]. **viscous** [GNP82, Man87, SF88, STM88]. **vision** [Gli85]. **Visual** [Fom89, Den86a, Lan89, MM86a].

**visualization** [Don86]. **Viterbi** [WW89a].

**VLSI** [AB87a, CK87, XS87]. **Vol**

[Gro87, Mea86b, Ste87, Web86b, Zad92, Eld87, Ste81c]. **Volterra** [Bru87, GP85, JM82, MB80, MS88a]. **Volume** [Ano88-31, Ano86i, Ano86j, Ano87y, Ano88-30, Pas82, Rok85]. **Voronoi** [Dav86]. **vortex** [Gre88b]. **Vries** [BDK86]. **VSEPR** [HC86].

**W** [O'C87a]. **Wachspres** [Wac85]. **Wachspres** [Dal85]. **wall** [SE81, Wan87]. **Waring** [Zen89]. **water** [Ant89, CW89, EL88, Kra82, ND88, RR88a, RR88b, WW88]. **wave** [Ado87b, Ame85, Ano87-27, AFM88, BGT85, Blo86, Blo88a, CSL85a, CSL85b, IJ80, KKK88, KTPB85, LP81, LJP84, McD85, Men86, Mor81a, PO85, SE88a, SJ85]. **wave-**[Blo88a]. **waveguide** [EG85]. **wavenumber** [Pie85]. **wayward** [Sen89c]. **weak** [GS80]. **weather** [FBG88, SM88b, Ste88]. **Webb** [Eld87]. **Weber** [CK81, MR88d]. **wedge** [YK87]. **weevil** [FC83]. **weevil-cotton** [FC83]. **weights** [ODS86]. **well** [Ber88, Sla86]. **well-conditioned** [Ber88]. **which** [AB81b, Big88, HL88, Kri85]. **white** [Sch86b]. **whole** [TB87]. **Wide** [Ano87-35]. **Wide-angle** [Ano87-35]. **width** [GM88]. **Wiley** [Con87a, Gra87, Gre87a, O'C87a, Ste81a]. **Williams** [KL84]. **wind** [CLF86, CARG89]. **wind-driven** [CARG89]. **wind-induced** [CLF86]. **Winthrop** [Lov82]. **within** [(Co85)]. **without** [Pan82b]. **Woods** [Cro86]. **work** [Che87b, KK86]. **worker** [Ano89n, Rob87a, Rob87b]. **works** [Shu88b]. **Workshop** [Ano88-44]. **world** [SS88, Sok86]. **Worst** [Avi81, BK87].

**x** [Wai82, Hau88, SDB89]. **x-projection** [Wai82]. **X-ray** [Hau88, SDB89].

**York** [Con87a, Eld87, Gra87, Gre87a, Gro87, Mea86a, Mea86b, O'C87b, O'C87a, Ste81a, Wal87, Web86b]. **young** [Ha89]. **Yudell**

[Ort86].

**Zellner** [Los92]. **zero** [HWL89, MD86, Pet87, PP89, ZA88]. **zero-order** [ZA88]. **Zeros** [PS84, FL85, Pan87a, Pan87b, Pan89, PMS86]. **Zolotarev** [HZ86].

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