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

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(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]. 2×2 [Kar81]. 3 [Fol87, dVWY87]. **$39.50** [Sha82]. 3×3 [Fra89]. 4 [Fol87]. **$40** [Ste82]. **$47** [Ste82]. 515 [dF89]. **$6.95** [Ste81c]. **$65.00** [Eld87]. **$7.95** [Ste81c]. 820 [Pau89]. ^{3} [FWPT87]. $_1$ [KA89a]. ${}_3F_2(1)$ [Wim83]. $\frac{B}{60}$ [Kro89]. A [UA85]. α [Web89]. β [Web89]. c^0 [Ber82]. C^1 [Blo87]. d [Wal85]. Δ^2 [Jur83]. $\exp(x)$ [AJMT81]. G [KA89a, Zen89]. Γ [Mar86c]. I [GS81, Med88b]. K [GS81, GHN89, Mor89]. L_2 [LM86a]. λ [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]. $\rightleftharpoons$ [Zou89]. T [WCB85, JV88]. τ [Luk81]. $\rightarrow$ [Pou88]. $wxyz$ [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, MdlS86, 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, MdlS86, 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-structered** [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$^+$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, MdlS86, 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+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, MdlS86, 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, Møl86, 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+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+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+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].

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[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+86, Bur82, HWYL88]. **cubic** [BE88, Che84b, PR86b, Pau89]. **Cubical** [Har88a]. **cultural** [Was86]. **Curie** [Bra86, Shu88b]. **current** [PPR+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+87].

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I/O [CK87, XS87]. **Ia** [Fle89a]. **Ib** [Fle89b]. **IBM** [Con87a]. **ice** [Wan87, WW88]. **icosahedral** [Pau89]. **icospiral** [Kro89]. **ideal** [Kup86]. **ideas** [McW89, Vai88]. **identically** [Dev80]. **Identification**

[Los89a, CG89, Møl86, MH89, Sza88]. **identify** [Sza89]. **identity** [Ric81]. **IEEE** [Kam87]. **II** [Cha89, DHT86, GE87, MW89, PB81b, Ros80, Sza87a, TK89b]. **III** [Kra87]. **III/LAV** [Kra87]. **Illinois** [Lev82]. **IMACS** [Ano88-33]. **Image** [HF86, Kam87, UM85, O'C87b]. **images** [Mac86a]. **imagination** [Cum86]. **Imaging** [Kam87, Ali87]. **imbedded** [ODS86, Tho87]. **imbedding** [Den86b]. **immigration** [Sho80]. **immunologic** [WAYU88]. **Immunology** [Gro87]. **imperfections** [Bar86]. **implementation** [Ede80, Jul88, LJP84, WW89a]. **implementing** [JA87]. **implicatii** [Nic87]. **implications** [McD83, Nic87]. **Implicit** [Bru87, MR88c, Ano87c, Cas84, CS88a, Dey85, Dey88, Eva81a, Kov80, LE81, Pan82c, St.85, Yee86]. **implying** [Blo87]. **importance** [Rod88a]. **impossible** [Mac86a]. **imprecise** [Met80]. **improved** [LJP84]. **improvement** [ZL80]. **improvements** [BS85, Dun80]. **incircle** [OP87]. **includes** [Kri85]. **including** [CBC89, MK85]. **Incomplete** [DP88, Die84, Har86d, LY88, Mar86c]. **incompressible** [CF88, GNP82]. **increasing** [OP89]. **independent** [Dev80, Lou83, Neu80]. **Index** [Ano85g, Ano86h, Ano85b, Ano85c, Ano85l, Ano86i, Ano86j, Ano87y, Ano87-30, Ano87-34, Ano88-30, Ano88-31, Ano89b, Ano89q, Tro80]. **indexed** [Dal85, Wac85]. **India** [Ger89]. **indirect** [Sen88a]. **induced** [CLF86, CW89, SM88a, Tót86, Wan87, Wan88, WW88]. **inductive** [Big88]. **inelastic** [IJ80]. **inequalities** [And86, BM81, Net80, Pan85a]. **inexact** [Los89a]. **infectious** [SCH87]. **infectivity** [Kra87]. **inference** [Ano89n, Big88, Rob87a]. **inferencing** [LK83]. **infinite** [MB89]. **infinitum** [Zvi89]. **influence** [Blo86, FWPT87, KTPB85, Wil82]. **Influences** [McW89]. **Information** [GT88, Oda88, DP88, Ran87, TC89, Tuz88]. **infusion** [WLR87]. **Inherited** [Rig87, Web87]. **inhomogeneous** [FGP83]. **Initial** [Ano87w, Fit83, Cas83a, CK89, DOS88, ES87, ES88b, Far87, Fat82, Fat86, FBG88, Ger80, KKRS84, KS85, Mil86, VS88, Zem85, vN87, vN88]. **initial-value** [Far87, FBG88, KKRS84, Mil86, Zem85]. **innovation** [BM88]. **inorganic** [MK86]. **input** [OvD89, TH80]. **inputs** [OvD89]. **insects** [San86]. **insensitive** [SDS81]. **inspired** [Sha81b]. **installation** [MS81]. **instantaneous** [MB89]. **Institute** [Tar88]. **Instructive** [Ver82]. **instruments** [Wal87]. **insulated** [HKW89]. **insulators** [LdT85]. **intefence** [Rob87b]. **Integer** [Ric81, Kar81, Pur83a, TD88]. **integers** [Lam88, Pur83b, Zen89]. **Integral** [GZ89, Ger86, Ado83, Cah88, Cuy82, DS85, Ger82, GS87b, HK85, JJS83, JM82, KKS86, Kos88, MB80, Med88a, MS88a, MR88d, PR86b, Pas82, STB88, SP89, WFW81]. **integrals** [CLM87, LY88, Rab86, Rok85]. **integrated** [But85, TK89a, TK89b]. **integration** [AR87b, Cas83a, Cas84, Cas86, SZ88, UA85]. **integrator** [ÅH86]. **integro** [Bru87]. **integro-differential** [Bru87]. **intelligence** [GB85, (Co85, MC85, RLM+87, Ste87]. **intense** [Blo86]. **interacting** [Ven87]. **interaction** [Blo86, Blo88a, IJ80]. **interactions** [Asl88, GS80, Prü83, WJMM83]. **interactive** [VMO89]. **interactively** [FL85]. **interarrival** [Gei81]. **interconnection** [KK87]. **interconnections** [Eso88]. **interface** [EG85, MRV85, STM87b]. **interfaces** [Mea86a]. **interfacial** [MDR85]. **Interior** [OK82, Man87]. **internal** [SF88]. **International** [Ano88-34, Kam87, Ste82, Ano88-33]. **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]. **inviscid** [CF88]. **Irreducible** [Wim83]. **irregular** [EG85]. **ISBN** [Lev82]. **ISBS** [Ste81c]. **Islamic** [Cho89]. **ISMIII'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]. **Javanese** [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+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]. **Lotockiı** [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** [MWBM89]. **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, Møl86]. **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, MdlS86, 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].

O [Con87a, CK87, XS87]. **O.D.E.** [HK85]. **Obituary** [Ano81c]. **object** [Low86]. **objectives** [SS89]. **oblique** [BE85]. **observable** [CN87]. **observation** [FN86, Rot86, Yav87a]. **observations** [BE88, CL89b, YV81]. **observed** [Ben85, BM85c, FBG88]. **observer** [HLHG89]. **occupancy** [AB81a]. **occurring** [Qin86]. **Ocean** [Ano87-27, BBPW85, BS85, Bir85, CSL85a, CSL85b, DeS85, EG85, Fel85a, LK85, PO85, Pie85, Sch85]. **ODE** [SDS81]. **ODEs** [AR87b, Cas83a, Sha86b, Wu88]. **O'Donnell** [Lov82]. **off** [Oza81]. **Office** [Ste82]. **oil** [CARG89]. **old** [Bér89a]. **One** [Fat84, Fat85, Smi83, Cas86, Han87, HHHK88, MdlS86, Raj89, Sha86c, Tro80, Zam89, vN87, vN88]. **one-dimension** [HHHK88]. **one-dimensional** [MdlS86]. **One-parameter** [Smi83]. **one-point** [Tro80]. **one-step** [Cas86, Sha86c, vN87, vN88]. **only** [Pan89, Ste82]. **Onogurians** [Bér89a]. **open** [KKK88]. **opening** [Wit83b]. **operation** [Pan81a, Pan82a]. **operational** [OS84, SM88b]. **operator** [Cuy82, Fle88]. **operators** [FMWW86, Sal84a]. **optics** [GK88]. **Optimal** [Asz80, Ber89b, Che87b, EL88, GS89, HLHG89, HRA89, JM89, KC80, Mao86, Mil86, RPL87, Riv86, Sza88, YJ81, YV81, dVWY87, Ami89a, BM89a, BSPSM81, CL89b, Chu84, Far87, FN86, Oda88, SGG89, Ste81d]. **Optimization** [Ant89, CB88, GZ89, Per87, Sni88, KK86]. **Optimum** [Ste82]. **orbits** [Boy86, FBS88]. **Order** [Fic88, AE87, Aga88, AHL83, BB84, Bal86b, Bal88, BCG87, BM85c, Ber89b, BG88, BSPSM81, Bru87, BEW86a,

BEW86b, Cas83b, DOS88, DS81, DGL88, Fat84, Fat85, GS87c, HHHK88, Kar86, Kha89, Lay85, Luk81, MD86, ODS86, PMS86, PR85, PM84, SE88b, Ser80, Sha87, St.85, VP85, Yan89, ZA88]. **Order-disorder** [Fic88]. **ordinary** [AW86, BZ89, GS87c, Iwa87, MR89a, MR88c, O'N89, PM84, Sar84, Sar88, SZ88, Tho86a, Tho86b, UA85, ZL80, ZWS85]. **organisms** [Gri83, Mei86b]. **organization** [Her86, McC83]. **oriented** [MWBM89]. **Origin** [Kar88, Gra86]. **Ornamental** [Mak89, Bér89a]. **ornaments** [GGS86]. **Orr** [Ger80]. **orthogonal** [BHO82, Mar88]. **orthonormalization** [Mao86]. **orthoscheme** [Cox89]. **Oscillation** [Gyö89]. **oscillator** [Spa80]. **oscillatory** [Soc88]. **other** [Ano87c, AB81b, GGS86, Kro89, Pan85d, SBCC86]. **outline** [Sat85]. **Output** [SBB83, OvD89]. **outs** [MS81]. **Overall** [EC83]. **overdetermined** [JJS83]. **overhead** [SFK87]. **overrelaxation** [GHN89]. **Overview** [Cho86, All83, CM88]. **Oxford** [Ste81b].

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T [Los92, Mea86a, O'C87a, SvDHH89, SA87]. **T-cell** [SvDHH89]. **t-characterization** [SA87]. **T7** [RTF$^+$88]. **table** [Ano88-37, Jen86, Sha86a]. **tableau** [TC89]. **tables** [Ort86]. **tactical** [LRG89]. **T'ai** [Har89b]. **Tamil** [Ger89]. **Tandem** [Pou88]. **tanks** [FS83]. **target** [SD87, YJ81, Yav87b]. **targets** [SS87]. **tasks** [McC83]. **tau** [LTW83, OS84, OP86, LO86]. **tau-elements** [OP86]. **Tau-lines** [LO86]. **teaching** [Apa89, Iwa87]. **Technical** [Nic87]. **technique** [AR84, CK87, LM80, SJ85, Sch86c, VO85, XS87]. **technique-1** [VO85]. **Techniques** [JA87, MC85, Ano84a, CF87c, Gyö88b, Omo82, Pan85d, Wai81, Wai82, WCB85]. **technological** [Nic87]. **technology** [Bér89a, JA87]. **tehnice** [Nic87].

tehnologice [Nic87]. **telecommunications** [BM89a]. **temporal** [PPR+89]. **tension** [HKW89, Sch86c]. **Tenth** [Bér89a]. **terminal** [Rot86]. **terms** [MH89]. **terrain** [LL88c]. **Tesselation** [Pic89b]. **Test** [AB87a, AR87a, Ano87-31, CW85, Cho85, PP89]. **testable** [SFK87]. **Testing** [CP87, AR85, Ake87, SSS87]. **tests** [Cho84, KTW83, MHM87]. **text** [ML83]. **textbooks** [Eld87]. **texts** [Kit83]. **textures** [Shu88a]. **th** [CH89, PM84, TSY88]. **their** [And86, Ber82, CG86, Gyö89, Len89, PB82, Sar84, Vai86, Ver89, WCB85]. **them** [Lev82]. **theodicy** [Joh86]. **theorem** [Akr81, LO82, O'N89, SA87, Zen83]. **theorem-proving** [LO82]. **Theorems** [DD89, Cah88, Wim83]. **theoretic** [Ami89b, DT88, HC89, Kou89, Kou90, Mei86a, SDD88]. **Theoretical** [Mak89, Che89, Per87, ST88]. **Theory** [Bok88, CM88, Esp88, Gro87, VP85, Web86b, Asm87, Bla86, Blo85, BEW86a, BEW86b, Chu88a, Col82, Cuy82, Exo88, HHW88, KO88, Mal89, Mar86a, RI89, SC88, Sha82, SI89, Sta89, UW80b, Wil82, Eld87]. **therapy** [Rig87]. **thermal** [CSD88, MB89]. **thermo** [CSD88, MB89]. **thermodynamics** [Len89]. **thin** [Fra82]. **third** [St.85]. **third-order** [St.85]. **thoughts** [Bas89]. **Three** [FS85, Wai81, AR87c, BBPW85, DV87, Gip85, HF86, KSTK84, Los89a, Net80, SL85b, St.85, Yav84, Yav87b]. **Three-dimensional** [FS85, AR87c, BBPW85, DV87, HF86, SL85b]. **three-variable** [Los89a]. **thrombopoiesis** [EGZK87, GE87]. **tibia** [MS88c]. **tidal** [CLF86, Duf83, LBC82, LCG86]. **Tidally** [SM88a]. **Tight** [Tro80]. **Tikhonov** [MD86]. **Tilings** [Cha89]. **Time** [BR86, CW85, DHT86, KT89, MK85, SvDHH89, Aok89, Ber89b, BN86, CG89, Che87a, Chu88a, Chu88b, Cus83, Ewi80, Gei81, HC89, Kar87, Ker89, Lay85, LM80, Mal89, Mar86a, MT85, Men86, Mit89a, NP81, SLPC87, SGN87, Ubh83, Zhe88, eZ86]. **time-dependent** [Chu88b, Kar87, Men86]. **Time-domain** [MK85]. **time-harmonic** [NP81]. **Time-history** [SvDHH89]. **Time-periodic** [DHT86]. **time-stepping** [Ewi80]. **Time-varying** [KT89, SGN87]. **times** [ML88, Pou89, Ver86]. **tip** [IR89]. **tissue** [DV87]. **tool** [Iwa87]. **Topological** [CBC89, RL88, Bai89, WLL88]. **topology** [RPL87]. **total** [Che87b]. **total-work-content-power** [Che87b]. **totally** [JA87]. **towed** [LK85]. **Tower** [WBZB88, Cho89]. **traffic** [SB88, dPLBA87]. **trajectory** [Eng88b]. **transcription** [Rig87]. **transfer** [CF86, MLDR87, ND88]. **transform** [DD89, Jul88, Mor86, Mor89, MU82, UM85, Fer82, MS88f]. **transformals** [Kar81]. **transformation** [SZ88, TT89]. **Transformations** [SGN87, FBS88, HGP86, STY83, Smi83]. **transformers** [Ver89]. **transforms** [DT88, PB82, PB86]. **transient** [FS80]. **transitions** [Che89, SC88]. **transmission** [AWYU82, Blo87, Blo88b, Fit87]. **transonic** [HL86, Neu80]. **transport** [Ame88, CO83, TA89]. **trapezoidal** [ES88b, UA85]. **treatment** [BM85a, Fat86, LK85, Per87, SSB88, ZB88]. **trees** [Chu84, GM88, HL88, HWYL88, MHM87, Ric88]. **trends** [Ano88-43, Web86b]. **triangular** [Che84b, LB86]. **Tricomi** [AB86]. **tridiagonal** [EO82, YE86, YE87b]. **trigonometric** [Pic89a]. **Trilinear** [Pan82c]. **trip** [SB88]. **Tripartite** [Eso88]. **triples** [DP86, DP87, DLMP89]. **Trisecting** [Cox89]. **tsunami** [KKK88]. **Tucson** [Ste82]. **tumor** [AK89b, DV87]. **turbulence** [SE81, TG88]. **turn** [MP89]. **tutorial** [Li89]. **TVD** [Yee86]. **twins** [Pau89]. **TWK** [CL89b]. **TWK-power** [CL89b]. **Two** [BCP87, Cho84, Gyö88b, Jär89, PM84, Raj89, SS89, VS88, AF87, AAM86, Aok89, AB81b, BJ87, ByMS86, Cas83b, Cas84,

Cas85a, Cas86, CLF86, CP87, Eva88, GS86, Jay92, KKRS84, KW81, KSTK84, LCG86, LM86a, Lin86, Los92, McC86, MT85, ND88, PB81a, PB81b, Pur83b, SD87, SS87, Sza89, Usm85, Yav87b, YdV89, YV89, Zla82]. **two-dimensional** [BJ87, ByMS86, CLF86, CP87, LCG86, LM86a, Lin86, ND88]. **Two-on-one** [Raj89]. **Two-person** [SS89]. **two-point** [AAM86, Cas84, Cas85a, Cas86, Eva88, KKRS84, Usm85]. **two-row** [AF87]. **Two-stage** [Cho84]. **Two-step** [VS88, Aok89]. **two-target** [SD87, Yav87b]. **type** [AG87, Aga88, CNM88, Chu88a, DS85, Ger82, Gip85, GS87c, HK85, KO88, LK85, Neu80, SDS81, Zed87]. **type-independent** [Neu80]. **type-insensitive** [SDS81].

U.K [Ste81b]. **U.S** [Ste82]. **U.S.A** [Ste81c]. **ultimate** [LL88a]. **uncertain** [CLS87, CL89c, LL88a]. **uncertainties** [GS87a]. **Uncertainty** [Ben89, Kra82, Roc88]. **unconstrained** [SvR88]. **Understanding** [DW83, Ano89r, LK83]. **underwater** [Ame85, BGT85, LP81, LJP84]. **unidirectional** [JV88]. **unified** [SA87]. **Uniform** [Far87, Gro88, LL88a, Mil86, YK87]. **Unifying** [Ano89r]. **unique** [MP88]. **Uniqueness** [Zem85, TB87]. **univariate** [Hag89]. **universal** [SFK87]. **University** [Ano88e, Ste82]. **unknown** [ÅH86]. **unmodelled** [dlSGA87]. **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, Orl85]. **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].

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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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