

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

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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]. 2×2
[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]. ${}^B_{60}$
[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].
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[BHM88, SE88b]. $y'' = f(x, y)$ [DOS88].
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[MM86a]. **-cube** [HWYL88]. **-curves**
[Web89]. **-cyclic** [GHN89]. **-D**
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[Bos87, CK88b, Mor89, Wal85]. **-factors**
[KSTK84]. **-matrix** [WCB85]. **-method**
[Luk81]. **-person** [LT87]. **-point** [Ubh84].
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-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].

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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**

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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].

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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, MLD87]. **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, MLD87, 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]. **mismanagment** [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, SLP87, 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**

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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, BPSM81, 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].

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- [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].
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