

# A Bibliography of Publications in *ACM SIGNUM*

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## Title word cross-reference

**3** [Smi83a]. **360** [CCHT67]. **360/370** [Boy75, TC75].  
**6600** [DM73]. **6600/7600** [DM73].  
 $(10^{31} - 1)/9$  [Hig86].  $(k, p)$  [DJ79]. **1** [Rol90].  
**2** [PP75, Rol90]. = [Kre95, LK96]. *A* [WB79].  $\delta^2$  [Jon82]. *LU* [Zah89]. *n* [Mor69, Str77].  $N + 1$  [DZ88b].  $N \times N$  [Par69].  
**7000** [Nik72]. **74** [Ano73h]. **754** [Tyd94].  
**7600** [DM73]. **77** [Rei80].  
**80th** [Gil98]. **8th** [Ano73a]. **8x** [Smi83b, Smi88a, Smi88b].  
**-ary** [Mor69]. **-stable** [WB79]. **-th** [Str77].  
**90** [DS94, IFI93]. **'95** [Ano95f].  
**1** [DPS92, Hop97, Ile85, Tem83]. **1/96** [Dry96]. **16-18** [Ano73q]. **1971** [Fri72a, Kah72]. **1973** [Ano73b, Ano73f, Ano73i, Ano73a, Ano73j, Ano73q, Ano73n, Ano73m, Ng73]. **1974** [Ano73g, Ano73d, Ano73r]. **1983** [Smi83b]. **1995** [BD95].  
**2** [Ano73k]. **2-by-2** [Mol74]. **205** [Tem83].  
**A-stability** [Wan79]. **absolute** [Wis78].  
**Abstract** [Boy79, Ber75, CW75a, EHHM75, ES75a, ES75b, Joh75, Jon75, LS75, Mad75, NDM75, PP75, Pri75, Rup75, ST75, SW75, SS75].  
**Abstraction** [Smi98]. **Abstracts** [Ano93a].  
**academic** [Kel76]. **Accelerating** [McN98].  
**Accuracy** [Kre96]. **accurate** [Dun90c].

**Achieving** [Hod95]. **ACM** [Ano73b, Ano73k, Ano93b, Han77, RS97]. **ACM-SIGNUM** [Han77]. **Activities** [Jon79, Ein78]. **activity** [Voi81]. **Ada** [BB91]. **adaptation** [Str76]. **adaptive** [Ric73, dD78]. **Addition** [RBSF93]. **additions** [Han70]. **Advanced** [Jon79]. **AFWL** [MND75, NDM75]. **agreements** [BFF83]. **Aided** [FK96, Fra90]. **Aitken** [Jon82]. **Algebra** [Ano95e, DL85a, DL85b, DCHH85, Ste96a, Ste96b, DCDH87, Far74, Far76, HKL73, LE85, WG80]. **Algebraic** [Kre95, LK96, Law74]. **Algorithm** [DK72, See80, GMSW85, Ric73, Rol87, Str77, Tan75, Tee80, UF69, Zah89, dD78]. **Algorithmic** [Ric76b]. **Algorithms** [Ano73q, Bra95, For73, Hor74, Dun77, Gup72, KCD90, dP87]. **Almost** [Jer89]. **alternative** [GP87, Kni87, WB79]. **amendments** [FRS77]. **AMS** [Ano73c, Ng73]. **Analysis** [Ano93c, Car92, Dun89b, FKK96, Kah91, McK81, Ano71, Cha87, Han68, Mol68b, Mol68c, Mol69b, Mol69c, Ort66, RW71a, Ric79, Smi88b, Ste80, Tra66, Tra67a, Tra67b, Tra67c, Vol79]. **Analytic** [Rol97]. **animation** [Cyn88]. **annotated** [EJ76]. **Announcement** [Ano95f, Ano95e, Ano95a, Smi83a]. **Annual** [Ede91]. **ANS** [FRS77, Kni76a, Kni76b]. **Any** [Jer89]. **anyone** [Par67]. **aphorisms** [Kah68]. **Application** [KS97, Pri75]. **Applications** [Ano73m, Dun91, FKK96, Gup72]. **Applied** [BD95, DW95, DW96, Joh75]. **approach** [Bra79, KM83]. **approaches** [Smi79]. **approximate** [MC97]. **Approximately** [Kre96]. **approximating** [Law68]. **Approximation** [DZ88a, Dun91, Dun76b, Tra67b]. **approximations** [Dun87a, Dun87b, Dun88]. **Apr.** [Kah72]. **April** [Ano73k, Ng73, Rob73]. **arbitrary** [Hua78]. **Architecture** [Ris76, LS75]. **area** [Ric81a]. **areas** [Ric76a]. **Argonne** [Ash69]. **Arguments** [Wan78]. **Arithmetic** [BB91, CCG<sup>+</sup>85, CKP<sup>+</sup>79, Fel79c, Rei79b, Cle84, Cor83, CY79, Dit93, Dun89a, Hul79, Moo80, PSW90, IFI92, Rei93]. **arrays** [EL81]. **art** [Mol69d, Tra68]. **ary** [Mor69]. **association** [Rei80]. **Astrogeometry** [FKK96]. **Atlanta** [Ano73b]. **AUGMENT** [CY79]. **August** [Ano73b, Ano73a, Smi83b]. **Austin** [Ano73i, Ano73k]. **automated** [Ard80]. **Automatic** [BD95, Jer89, Pfe87, SB82, ES75b, dD78]. **Availability** [FC84, Smi83a]. **Available** [Ano91, Don92, Cod88, DM76]. **Averaging** [WK96]. **AVIRG** [Kob92]. **Background** [Dun76a, Dri82]. **Band** [EL81]. **banded** [Bra90]. **Basic** [DCHH85, BF79, DCDH87, Law74, Kah81b, DL85a, DL85b]. **basics** [Cod80]. **bc** [Dit93]. **be** [Ard80, Dun90c]. **Beale** [Ano86]. **believe** [Hul73]. **Best** [Dun91]. **better** [Ske79a, WK96]. **Bibliography** [Uso70, EJ76]. **big** [Gro91]. **Binary** [CKP<sup>+</sup>79, PS79, Rol97]. **Biofeedback** [Kos96]. **Birthday** [Gil98]. **BLAS** [Aha85, DDHH86, DDCH89, Hop97]. **Boeing** [PP82]. **Bolts** [Smi98]. **Book** [Ano74a]. **Books** [Ano98c, Ano98g]. **bordered** [GP87, Kni87]. **boundary** [DM76, SAW85]. **boundary-value** [DM76]. **Bounded** [WK96]. **brief** [Fri72a, GN81]. **C** [Bra90]. **cache** [Str81]. **calculation** [Bro73, Tra68]. **calculations** [Bus87, EHHM75, Nik72, Ste81]. **calculators** [Ste81]. **Calendar** [Ano73e]. **Call** [Ano73h, Ano93b, Ano93c]. **Can** [Kre96, Ard80]. **Cancellation** [Del96, Duk96, Dry96]. **capability** [CS83]. **Carnegie** [Ano73q]. **Carnegie-Mellon** [Ano73q]. **Case** [FK96, Mil79]. **Cases** [Dun89b]. **caused** [Cyn90]. **causes** [Tyd94]. **CDC** [DM73, Nik72]. **Center** [ADHR73, Ano73m, KM83, But79b].

**central** [Cyn87]. **Certification** [Uso70, Ash69, Uso69]. **Certifying** [Han69].  
**chain** [Law88]. **Chair** [Ano98e]. **challenge** [Dun86a, Kar85]. **CHAMP** [EHHM75].  
**Chan** [GP87]. **change** [SAW85]. **chapter** [Gla85]. **Characteristics** [Cod71].  
**Chebyshev** [Dun76b, Mac93]. **Choosing** [FK96]. **City** [Ano73n]. **Class** [AA96, But79a, Str76]. **classification** [BHK83, Bol75]. **Code** [DM76, EHHM75, ES75b, MND75].  
**code-codes** [MND75]. **codes** [Joh75, MND75, Say80, Ske79a, Ste79].  
**coefficients** [Bro73, Cyn87]. **Combatting** [Lin81]. **commands** [Dit93]. **Comment** [HS93]. **Comments** [Fel79a, IFI92].  
**Committee** [Jon79, Uso69]. **commonly** [Ker72]. **communications** [Ano74b].  
**Commutative** [RBSF93]. **Comparative** [Wit67]. **Comparison** [McN98, CPR69, EH79, Eva89, KCD90, Smi79].  
**Comparisons** [Rol97, Rol90, Tem83].  
**Compatible** [IFI92, PSW90]. **Compilation** [BD95]. **Complex** [Rei80, Dun89a, Wis78].  
**Complexity** [Ano73c, Ano73q, Hor74].  
**Complicated** [Kos96]. **composite** [PP75].  
**compositions** [Mor69]. **comprehensive** [Mol68a]. **Computation** [Cod71, GOP+79, GOP+80, BF79, Cyn87, Dun72, GN88, Gre79, Hul79, Kul83, KM83, Ric76a, RGO+79, Ric81b, Smi83c, Xan86].  
**Computational** [Ano73c, Ano73f, Ano73i, Cod80, Zah89].  
**Computationally** [Kos96]. **Computations** [Bai98, Kos96, KK96, KS97, NK97, Bat81, Mol69d, Ste68]. **Computer** [ADHR73, Ano71, Ano73d, Ano73j, BB91, Car92, FK96, Kos96, LK96, Rei79b, Ste96a, Ard80, Bol75, Cha87, Fra90, Law68, PP82, Wit67].  
**Computer-Aided** [FK96, Fra90].  
**computers** [Bat81, Don84, DM73, LS75, Nas81, Nik72, Str81]. **Computing** [Ano73k, DW96, Gil98, Hop97, Jon79, CG89, Dun76a, GAA+86, Wis78, DW95]. **concept** [Joh75]. **concerning** [Kah68, Kni76b, Sor81]. **conditioned** [Tee72]. **conditioning** [Hua76]. **Conference** [ACM79, Ano73b, Ano73e, Ano73f, Ano73g, Ano73d, Ano73i, Ano73j, Fos91, Pow73, Ano79, Ano73l, Ano93b, Ano95a, Ano96f].  
**Congress** [Ano73h]. **conjecture** [Far74, Far76]. **connected** [Kro72].  
**Consortium** [McK81]. **constants** [ABB+74]. **Constrained** [Ano73r].  
**constraints** [Kro87]. **Construct** [IFI93].  
**construction** [EH77]. **continuous** [Dun76b, Law68]. **continuum** [SW75].  
**Contribution** [Kah81a]. **Control** [NK97, But73, Ehl74, Fra81]. **Convention** [BD95]. **Convergence** [McN98].  
**conversion** [PV83a, PV83b]. **core** [Bra79].  
**corner** [Mol69a]. **correctness** [Dun86b].  
**corrector** [Bro73]. **Correspondence** [Eng74]. **cos** [Tur69]. **COSERS** [Ard80].  
**COSMIC** [Ano91]. **counting** [Mor69].  
**course** [Cli82]. **Cramer** [Dun80, Mol74].  
**Cray** [Tem83]. **criteria** [But73, Ehl74].  
**Cubpack** [MC97]. **Current** [Ano98a, Ano98b, SAW85]. **curves** [Law68].  
**Cyber** [Tem83].  
**D** [PP75]. **data** [Dun90b, Ein86, Law68, Pay86, Ric76a, Sch79a]. **Dates** [Bra95]. **dc** [Dit93]. **DCG** [ES75b]. **Dec** [Kah72].  
**Decimal** [Ris76, PV83a, PV83b]. **Deck** [Hod95]. **Decomposing** [Pro88].  
**decomposition** [Dou92, Gol78, Ham85, Zah89]. **definite** [Bra90]. **definition** [Fri72b]. **deflation** [GS74, GP87]. **Degree** [PH83a, DJ79].  
**Delaney** [Dry96]. **Denmark** [DW96].  
**Denormalized** [FW79]. **Dense** [Ede91].  
**Department** [Ano71, FJ79]. **Departments** [Ano98b, Ano98c]. **dependent** [ABB+74].  
**Derivation** [Rol97]. **Derivatives** [AA96].  
**description** [GN81]. **Design** [Chi85, FK96, Fox79, Boy75, Fra90, Kah68, Nas90, TK97, TC75]. **Desirable**

[Cod71, Hul79, Dun80, GN88].  
**Determination** [Whi94]. **determining** [Lin81]. **Detroit** [Ano73d]. **Development** [ACM79, Ano73p, AK79, Ano79, CY79, Kel76, NDM75, dP87]. **developments** [Rup75]. **differ** [Pro88, Zah89]. **difference** [Cyn87, Cyn88]. **Differential** [Ano75, Ske79b, BL73, But79a, Chi86, Coo79, Cur73, Dah79, Fuj79, Gla85, GS75, HB76, Hin80, Kro72, Mad75, Ric76b, Str76, Str77, SS75, War76]. **Differentiation** [BD95, FK96, Jer89, Pfe87]. **Difficulties** [Dun90b]. **Difficulty** [Tur69]. **DIFSUB** [SG72]. **dimensional** [OR75, SW75, WK95]. **direct** [Xan86]. **directions** [RGO<sup>+</sup>79]. **DIS** [Rei93]. **discrete** [Law68]. **disguised** [Ful86]. **displacement** [Pri75]. **disquieting** [Kni77]. **distributed** [Gar86]. **Distribution** [DG85, DK72, Ile85]. **documentation** [Ost79]. **DOE** [Jon79]. **domain** [Dou92]. **Double** [Fig95, Dun89a, MC97, Rei80]. **DPUP** [Gar86]. **Draft** [CKP<sup>+</sup>79, Kni76a, PS79, FRS77, IFI92, Kni76b, Rei93]. **drawn** [Dri79]. **dynamic** [CS83]. **dynamics** [MND75, NDM75].

**easy** [MC97]. **Editor** [Law73, Kni76b]. **Editorial** [Ano98d, Ano98f]. **education** [TK97]. **Educational** [RS97, Ric73]. **effects** [Lin81]. **efficiency** [HKL73]. **Efficient** [ES75a, SS75, ST75, Tee80]. **effort** [Ric79]. **EFL** [Fel79b]. **eigenproblems** [Str81]. **eigensystem** [Gol78]. **Eigenvalue** [RW71b, Nik72]. **Eigenvalues** [Par67, EH77]. **Eigenvector** [RW71b, Fra81]. **eigenvectors** [Tee74]. **EISPACK** [Smi83a, HS93]. **Election** [Ano73o]. **electronic** [DG85, Ano93c]. **elegant** [EL81]. **element** [CW75a, Pri75]. **elementary** [Hul79, Tho87]. **elements** [Dun89a, Rol88, Zah89]. **Eliminate** [FW79]. **elimination** [CG85, Cyn87, DEGR88, ES75a, Eva89, Mac89, Tre85]. **elliptic** [SS75]. **ELLPACK** [Ric79]. **empty** [dB90a, dB90b]. **Enable** [IFI93]. **ENEP** [SW75]. **Energy** [But79b, FJ79, KS97]. **engineering** [Ard80, Smi83c]. **England** [Ano73f, Ano73g, Ano73r]. **enhance** [Dri82]. **Enhanced** [Cor83]. **enquiries** [RW71a]. **Environment** [ACM79, BF79, Fel79a, Kah81a, RW71a, Sch79b, AK79, Ano79, Don84, For78, GAA<sup>+</sup>86, Nas90, Sch79c, Wil86]. **Environments** [Fos91, Ric96]. **Epsilon** [HS93]. **equal** [EH77]. **equality** [Dun86b]. **equation** [Chi86, Cur73, Cyn87, Han69, Hin80, War76]. **Equations** [Ske79b, BL73, But79a, Coo79, Cyn88, Dah79, Don84, DZ88b, Ehl74, GN81, Gla85, GS75, HB76, Kro72, Law72, Mad75, Rhe69, Ric76b, Str76, Str77, SS75, Tan75, Ano75]. **equilibration** [Dun80]. **Errata** [Far75, Rob73]. **Error** [Del96, Dit93, Duk96, FKK96, Fra81, Gre79, CG85, Coo79, Cyn90, DM73, Dry96, Han68, Kni77]. **Error-free** [Gre79]. **Errors** [WK96]. **Essex** [Ano73f]. **Estimates** [WK96, Coo79]. **estimating** [CG85]. **Estimation** [FKK96, Kle78, Sor81, Tra67b]. **ETNA** [Ano93c]. **evaluating** [UF69]. **Evaluation** [Ash69, Ric91, Wan78, Dun86a, Dun90a, Kro71, Kro72]. **Evanston** [Ng73]. **exact** [DZ88a, Zie81]. **exam** [Ano71, For70]. **Examination** [Tra67a, Mol68a, Mol68b, Mol68c, Mol69b, Mol69c, Tra66, Tra67c]. **Example** [Del96, Duk96, Dry96, Han68, Sor81, Tee72]. **Exception** [IFI93]. **exceptions** [ELP79]. **Excerpts** [Mol68a]. **exchange** [Sny79]. **exercise** [dB90a, dB90b]. **existence** [DJ79]. **expansion** [DK72]. **Expansions** [Mac93]. **experience** [Du 79]. **Experiences** [Dri79, OC70]. **experiments** [Lew83, SG72, Wis78]. **explicit** [Ker72]. **Exploration** [NK97]. **explosions** [EHHM75]. **exponential** [Str76]. **Extended** [Boy79, DDHH86, DCHH85]. **Extending**

- [Boy79]. **extension** [DL85a, Gla85, Kul83]. **extensions** [DL85b, Dri82]. **extrapolation** [dD78].
- F** [Hor74, DK72]. **facilities** [Ric81b]. **factor** [Hig86]. **Factored** [WB79]. **factorization** [Ker72]. **Factors** [Kel76]. **Fall** [Ano73n]. **family** [Joh75]. **Fast** [GLJ+91, Nik72, Han73, Rol87, Chi85]. **Feasibility** [Dun90a]. **February** [Ano73d]. **File** [Ste91]. **Files** [Gro92, Gro91]. **Finding** [Bai98, Che97]. **Finite** [CW75a, Cyn90, Gre79, Pri75]. **First** [AA96, Ede91, Str76]. **fitting** [Dun90b, Law68]. **Fixed** [Bri94]. **Floating** [Cod79, CCG+85, CKP+79, Fel79c, KP79, PS79, Rei79a, Ris76, RBSF93, Tyd94, BF79, Cle84, ELP79, Hul79, Kah68, Pay86]. **Floating-Point** [KP79, Rei79a, Ris76, RBSF93, Tyd94, CCG+85, BF79, Hul79]. **fluid** [MND75, NDM75]. **form** [Par69]. **formatting** [Dri79]. **formula** [ES87]. **Forsythe** [Mol72]. **FORTRAN** [FRS77, Boy75, CW75b, Kni76a, Kni76b, Kul83, Ske79a, Smi83b, SS75, TC75, Bra79, CCHT67, Cor83, Don84, DCHH85, DS94, EL81, Eng74, Hul73, IFI93, Pre79, Rei80, Smi88a, Smi88b, Wag84]. **Fortran-90** [DS94]. **forward** [Cyn88]. **Foundations** [TK97]. **Four** [Kah68]. **fractions** [PV83a, PV83b]. **fracture** [Xan86]. **free** [Gre79]. **fronts** [Pri75]. **FTP** [Ste91]. **Full** [Hod95]. **Function** [Nas81, Dun86a, Dun90a, Tho87]. **Functions** [Bur73, Mac93, Ng73, PH83a, PH83b, Rei79a, Wan78, BF79, Dun76b, Hul79, Law68, WK95]. **Further** [Gol78]. **Future** [GOP+79, GOP+80].
- Games** [Kos96]. **GAMS** [BHK83, BKM88]. **Gaussian** [CG85, Cyn87, DEGR88, ES75a, Mac89, Tre85]. **Gear** [DJ79]. **general** [But79a]. **Generalization** [Zie74]. **Generalizations** [Zie81]. **Generalized** [Ano73m, Zie78a, Zie78b]. **generating** [See80]. **generation** [CW75a, ES75b, Jon75]. **Generations** [Rol88]. **generator** [Ful87]. **geometric** [Fra90]. **George** [Mol72]. **German** [Gil98]. **Givens** [GLJ+91, Han73, Hop97]. **Goes** [GLJ+91]. **graphic** [SW75]. **Group** [Ein73, Fel79a, Han77, For73, Jon79]. **guide** [BKM88]. **Guidelines** [UF69]. **Gulf** [Kos96].
- H** [CCHT67]. **Hamburg** [BD95]. **hand** [Ste81]. **hand-held** [Ste81]. **Handling** [ELP79, IFI93]. **hard** [Kro87]. **Hardware** [Cod71, Dun72, Kah68]. **held** [Ste81]. **Help** [Car74]. **Hermitian** [Gol78, Str81]. **Hessian** [Sor81]. **High** [Fos91, Ris76]. **High-Level** [Fos91, Ris76]. **Hilton** [Ano73d]. **Hirondo** [Kah72]. **Horner** [Dun89b]. **hosts** [DW96]. **Hotelling** [GS74]. **Householder** [Rol90]. **HULL** [MND75]. **hydrocode** [NDM75]. **hyperbolic** [ES75b]. **hypertext** [Nas90].
- IBM** [Boy75, CCHT67, KM83, TC75]. **ICASE** [Voi81]. **Idea** [Kos96]. **Identities** [Bai98]. **IEC** [IFI92]. **IEEE** [Cod79, Tyd94]. **IEEE-754** [Tyd94]. **If** [Kre96]. **IFIP** [Ano73h, Ano95a, Ein73, Fel79a, Fos91]. **II** [Dun87b]. **III** [Dun88]. **ill** [Tee72]. **ill-conditioned** [Tee72]. **Illinois** [Add81]. **illustrative** [Han68]. **immiscible** [Pri75]. **Impact** [Cod79, Fel79c]. **Implementation** [Chi97, Chi85, ES75a]. **implementations** [Cle84]. **Implementing** [Tho87, GMSW85]. **implicit** [Eva80]. **important** [Xan86]. **Improvement** [Dun89a]. **Improving** [HKL73]. **IMSL** [AK79]. **incomplete** [Ske79a]. **Independent** [Rei93, CCG+85]. **Industrial** [BD95, McK81]. **inequalities** [Tee80]. **Information** [Ano73o]. **Initial** [OC70, ES87, Hin80]. **Innocuous** [Fig95]. **Input** [Wan78]. **Instability** [Mac93]. **Institutional** [Ano95b, Ano95c, Ano95d, Ano96a, Ano96b, Ano96c, Ano96d, Ano98a, Ano98b].

**Instructions** [Fel73]. **integer** [Rol87].  
**integrals** [MC97]. **integrating** [Kro72].  
**Integration** [AA96, CPR69, WK95, dD78].  
**integrators** [BBG88]. **Intelligent** [NK97].  
**interactive** [MC97, SW75]. **Interesting**  
 [Hod96, Lyn68]. **interface**  
 [Boy75, MC97, TC75]. **interfaces** [Rup75].  
**International**  
 [Ano73i, Ano73a, BD95, Rei93, Ano95e].  
**Interpolation** [Aki96, DZ88a, FC84].  
**Interval** [Cle84, Kos96, KK96, KS97, Kre95,  
 LK96, NK97, WK96, Moo80]. **inverse**  
 [Ste75]. **Inverses**  
 [Ano73m, Zie78a, Zie78b, Zie81]. **inversion**  
 [Eva80, Fra81]. **inverting** [GS74, Zie73].  
**Iowa** [Ano73n]. **Isn't** [RBSF93]. **ISO**  
 [IFI92]. **ISO/IEC** [IFI92]. **ISSAC** [Ano95f].  
**Issues** [BFF83, DL85a, GMSW85].  
**Iterative** [Che97, Zie78a, DT76]. **IV**  
 [CCHT67]. **IVPS** [Ske79a].

**J** [Dry96, Hor74, KM83]. **Jacobian** [OR75].  
**January** [Ano73g, Ano73r]. **Jensen** [Kni72].  
**Julian** [Bra95]. **July** [Ano73f]. **June**  
 [Ano73j]. **justification** [Dri82].

**KFA** [Hak85]. **Khachian** [Tee80]. **Known**  
 [Kre96]. **Konrad** [Gil98]. **Kuki** [Kah72].  
**Kutta** [ES87].

**Laboratories** [CM78]. **Laboratory**  
 [Ano73r, Fri73]. **Lagrange** [DZ88a].  
**Lagrange-type** [DZ88a]. **Language** [IFI92,  
 Jer89, Jon79, Aha85, Dri82, Ein86, Fel79b,  
 PSW90, Ric79, Ric81b, Wag84, Rei93].  
**Languages**  
 [Fel79c, Ris76, CG79, Ric76a, Smi83c].  
**LAPACK** [Don92]. **Large** [Ede91, Wan78,  
 Boy75, Kel76, MND75, Say80, Str81, TC75].  
**Lawrence** [Fri73]. **LCAS** [Kah91]. **least**  
 [Bra87, KCD90, Ste75]. **leg** [Dah79].  
**legitimate** [Ric81a]. **length** [CCG<sup>+</sup>85].  
**Letter** [Ano98e, Kni76b]. **Letters** [Ano98f].  
**Level**

[Fos91, Hop97, Ris76, DCDH87, DDCH89].  
**LIA** [DPS92, Rei93]. **LIA-1** [DPS92].  
**Libraries** [Ein73, Bol75, BFF83]. **Library**  
 [ADHR73, Ano91, FJ79, RW71b, BBG88,  
 CCHT67, Fox78, Fox79, Gla85, Tho87,  
 VH82, Du 79, FB77]. **license** [BFF83].  
**limiting** [Kel76]. **Linear** [Ano95e, DL85a,  
 DL85b, DCHH85, Ede91, Coo79, Dah79,  
 Don84, DCDH87, Far74, Far76, GN81,  
 Han69, HKL73, Law72, Law74, LE85, Ste75,  
 Tan75, Tee80, WG80, WB79, Whi94]. **lines**  
 [Mad75, WB79, Xan86]. **list** [Ske79a].  
**Livermore** [Fri73]. **Local**  
 [Aki96, Coo79, Rad73, Han77]. **Lost** [Car74].  
**Loughborough** [Ano73l, Pow73]. **LSODE**  
 [Hin80]. **LSODI** [Hin80].

**MACHAR** [Cod88]. **Machine**  
 [HS93, ABB<sup>+</sup>74, FB77, Smi79].  
**MACSYMA** [CM78]. **Madison** [Ano73m].  
**mail** [DG85]. **Making** [Kro87].  
**management** [Sny79]. **Manipulating**  
 [Rei79a]. **Martin** [Ano86]. **Mass** [Kre96].  
**Masses** [Kre96]. **material** [Rup75].  
**MATH77** [Ano91]. **Mathematica** [Ano96f].  
**Mathematical**  
 [ADHR73, Ano73a, Ano73l, Ano73p, Bai98,  
 Bat75, Hak85, Pow73, BHK83, Boy79, Chi86,  
 Cli82, DG85, Dri82, EJ76, Kel76, Kro71,  
 Nas90, Ric81a, Smi79, VH82, Wil86, Wit67].  
**mathematician** [Fri72b]. **Mathematics**  
 [Ano73g, Ano73m, BD95, Cod80, Fri72a,  
 Fri73, PP82, TK97]. **MATLAB** [GLJ<sup>+</sup>91].  
**matrices**  
 [EH77, Eva89, GS74, Hua76, Hua78, Ker72,  
 Par69, Pro88, Tee74, Zah89, Zie73, Zie78b].  
**Matrix** [DS94, Ste81, DGLP82, Eva80,  
 Fra81, GN84, GN88, Gol78, Jen71, Mol69d,  
 See80, Tee72, Zie73, Zie74, Zie78a, Zie81].  
**Matrix-Matrix** [DS94]. **matters** [Kro72].  
**maximum** [DJ79]. **May** [Ano73k, Ano73q].  
**McMaster** [RW71b]. **Measure** [Kre96].  
**mechanical** [SW75]. **Mechanics**  
 [Ano73i, Xan86]. **Meeting**

[Ano73n, Ano75, Ske79b]. **Mellon** [Ano73q]. **memorial** [Ano86]. **memoriam** [Kah72]. **memory** [GN88, Mol72, Str81]. **mesh** [CW75a, CS83, Jon75]. **Method** [Car74, Dun89b, FK96, McN98, Mad75, ST75, WB79, Xan86]. **Methods** [Aki96, Ano73i, Ano73r, BL73, McN98, Ber75, But79a, Coo79, Dah79, DJ79, DT76, Eva89, Fuj79, Ful86, Kro71, Kro72, Lam79, Law68, OC70, Pri75, Say80, Smi83c, Str76, Wan79, WB79]. **MGNet** [Dou92]. **micro** [Bat81]. **micro-computers** [Bat81]. **microcomputer** [Ste80]. **microcomputers** [Chi85]. **Microprogrammed** [Moo80]. **military** [TK97]. **minicomputers** [Nas76]. **minimization** [Nas81]. **Mission** [Ano97]. **Mixed** [Ein86]. **modelling** [Xan86]. **models** [SAW85, Whi94]. **Modern** [BB91]. **Modified** [Car74, Hop97, GS74]. **modules** [Bra79]. **monotone** [Dun87a, Dun87b, Dun88, FC84]. **Monotonicity** [KK96]. **Moore** [Zie81]. **motivations** [Nas90]. **Moving** [SAW85]. **Multi** [Aha85, WK95]. **multi-dimensional** [WK95]. **Multi-language** [Aha85]. **multidimensions** [WB79]. **multigrid** [Dou92]. **Multiple** [McN98, RS97, Dit93]. **multiple-precision-arithmetic** [Dit93]. **Multiplication** [DS94]. **multiplications** [Par69]. **multistep** [Dah79, Str76, Wan79, WB79]. **multivariate** [Ham85]. **mysteries** [Tre85].

**NAG** [BBG88, Du 79, For73, FB77, Gla85]. **Name** [ABB<sup>+</sup>74]. **National** [Ano73b, Ano73j, Ano73r, But79b]. **nature** [RGO<sup>+</sup>79]. **Navy** [CM78]. **Needed** [NK97]. **Netlib** [Gro91, Gro92]. **Network** [FK96, Dou92]. **News** [Gro92, Gro91]. **Newsletter** [Dry96, Rob73]. **Newton** [Car74, McN98, OR75, Sor81]. **NEXUS** [GAA<sup>+</sup>86]. **Nice** [Dun89b]. **No** [Law79]. **non** [Dun76b, Rol88, SB82, Whi94]. **non-continuous** [Dun76b]. **non-linear** [Whi94]. **non-stiffness** [SB82]. **non-unique** [Rol88]. **nonacademic** [Fri72a]. **Nonconvergence** [Che97]. **Nonlinear** [Ano73i, Rhe69, Ber75, DT76, DZ88b, ES87, KCD90]. **nonsymmetric** [ES75a]. **Nordsieck** [DJ79]. **Normalized** [PS79]. **Note** [Aki96, Boy75, Ful87, Hin76, Hua76, CG85, EH77, Jon82, KCD90, War76]. **Notes** [FJ79, Par69]. **Notice** [DDHH86, DDCH89]. **Nottingham** [For73]. **number** [Ful87, Gre79, Par69]. **Numbers** [FW79, Rei79a, PV83a, PV83b]. **Numeric** [Ste96b]. **Numerical** [ACM79, AA96, Ano73q, Ano73r, Ano93c, Bai98, Ber75, Car92, Cod79, Ein73, Fel79a, FK96, Ful86, GOP<sup>+</sup>79, GOP<sup>+</sup>80, Hor74, Kos96, Lew83, McK81, Nas76, PP82, RGO<sup>+</sup>79, Ric91, Say80, Sch79a, Sch79b, Ske79b, Smi98, Ste96a, Tra67b, WG80, Ano71, Ano79, BFF83, CPR69, Cha87, CG79, Dun77, Dun90c, Ein78, Far74, Far76, For78, Fra81, Fri72a, Fri72b, Fri73, Fuj79, Gan76, Hul79, Kah81b, Kro71, Mad75, Mol68b, Mol68c, Mol69b, Mol69c, OC70, Ort66, RW71a, Ric76a, Ric81b, Rup75, Sch79c, SG72, ST75, Ste80, Str77, Tra66, Tra67a, Tra67c, TK97, Vol79, dP87, HAC<sup>+</sup>85]. **Nuts** [Smi98]. **Nuts-and-Bolts** [Smi98].

**objectives** [Nas90]. **observations** [Ric76a]. **Obstacles** [Cha87]. **occurring** [Ker72]. **October** [Ano73n, Ano73m]. **ODE** [Hin76, Ste79, Xan86]. **ODE-codes** [Ste79]. **ODES** [Ske79a]. **off** [CS83]. **off-the-shelf** [CS83]. **often** [WK96]. **OIL** [Joh75]. **OlympiODE** [Add81]. **one** [Dah79, DZ88b, HB76, Pro88, ST75, SW75, Wan79, Zah89]. **one-** [Wan79]. **one-dimensional** [SW75]. **one-leg** [Dah79]. **one-phase** [ST75]. **only** [DZ88b, Pro88, Zah89]. **operations** [Law74]. **Opinions** [Kro72]. **optimal** [EH79]. **Optimization** [Ano73r, MTW80]. **Order** [AA96, Str76, Str77, War76]. **Ordinary** [Ske79b, But79a, Coo79, Cur73, Dah79,

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**orthogonal** [Bra87]. **Other**  
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**parabolic** [PP75]. **Parallel**  
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 Eva89, GN88, Kar85, LS75, NDM75].

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 [Fel79a, For78, Smi79]. **parameters**  
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 [Ano75, Mac89, Mad75, Ric76b, SS75].

**participation** [Kel76]. **Particular** [Kos96].

**Pascal** [Vol79]. **Past** [GOP<sup>+</sup>79, GOP<sup>+</sup>80].

**patterns** [Bat75]. **Penrose** [Zie81]. **perfect**  
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 [CCHT67, Don84, Ric91]. **Periodic** [Wan78].

**permutation** [See80]. **permutations**  
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**Perturbation** [Dun89b, Ste75]. **Ph.D.**  
 [Ano71, Ano93a, Ano96e, Mol68a, Mol68b,  
 Mol69b, Tra66, Tra67c]. **phase**  
 [ST75, SAW85]. **phenomena** [Cyn88].

**philosophy** [CG89]. **Physical**  
 [Ano73r, Cyn88]. **Pioneer** [Gil98]. **pipeline**  
 [LS75]. **pivoting** [CG85, ES75a, Mac89]. **PL**  
 [Dri82]. **PL/I** [Dri82]. **planar** [CW75a].

**plans** [Gla85]. **plea** [Kro71]. **Point**  
 [Bri94, Cod79, CKP<sup>+</sup>79, Fel79c, KP79, PS79,  
 Rei79a, Ris76, RBSF93, Tyd94, BF79, Cle84,  
 CCG<sup>+</sup>85, ELP79, Hul79, Kah68, Lam79,  
 Pay86]. **Poisson** [Chi85]. **Polynomial**  
 [Che97, McN98, DJ79, Tra68]. **Polynomials**  
 [Ste96b, Lin81]. **PORT** [Fox78, Fox79].

**Portability** [But79b, DPS92, Dri82].

**portable** [Fox78, HKL73]. **positive** [Bra90].

**possible** [TK97]. **Potential** [KS97].

**practicable** [Zie78a]. **practice** [Du 79]. **pre**  
 [Hua76]. **pre-conditioning** [Hua76].

**precision** [Dit93, Rei80, Sch79a].

**precompiler** [CY79]. **preconditioning**  
 [EH79]. **Preferences** [Rei79b]. **Present**  
 [GOP<sup>+</sup>79, GOP<sup>+</sup>80]. **presented**  
 [Ano73k, Ano73l, BD95]. **Principles**  
 [Rei79b, Fox79]. **Probability** [Bur73].

**Problem** [Fos91, Kah71, Mac93, Ric96,  
 GAA<sup>+</sup>86, Jen71, Kni72, Ste75]. **Problems**  
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 DM76, DGLP82, ES75b, ES87, GS75,  
 MND75, PP75, Pri75, ST75, SAW85, SW75,  
 Wit67]. **Proceedings**  
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**Producing** [Sch79b, Sch79c]. **product**  
 [Par69]. **Profile** [Fri73]. **Program**  
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 BFF83, Dri79, MC97, OC70, PP75, SW75].

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 [Say80]. **Programming**  
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 Ric79, Ano79, CW75b, Ein86, Fel79b,  
 GMSW85, Ric76a, Ric81b, Tee80, Wag84].

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 KP79, Law74, Bol75, FRS77, Kni76a,  
 Kni76b]. **PROSE** [Pfe87]. **Provably**  
 [Dun87a, Dun87b, Dun88]. **provision**  
 [Ein86]. **PSE** [GAA<sup>+</sup>86]. **pseudo** [Xan86].

**pseudo-ODE** [Xan86]. **pseudoinverse**  
 [Gol78]. **pseudorandom** [Ful87]. **public**  
 [Smi88a]. **Publication**  
 [Dun77, Ric76a, UF69]. **Purdue**  
 [Mol68c, Mol69c]. **purpose** [CY79].



**QMESH** [Jon75]. **QR** [Rol90]. **quadratic** [GMSW85]. **quadrature** [Kah81b, Lyn68, Ric73]. **qualifying** [Ano71, Mol68b, Mol68c, Mol69b, Mol69c, Tra66, Tra67a, Tra67c]. **quasi** [Sor81]. **quasi-Newton** [Sor81]. **question** [For70]. **questions** [SAW85, Tra67a].

**Radian** [PH83b]. **Radiotelescope** [FK96]. **Radix** [CCG+85]. **Radix-** [CCG+85]. **rank** [HB76, Rol90]. **rank-** [Rol90]. **rank-one** [HB76]. **Raphson** [OR75]. **rate** [TK97]. **ratings** [TK97]. **Rational** [Kre95, LK96, PV83a, PV83b]. **Reading** [Ano73g]. **Real** [Ano73c, Lin81]. **Realistic** [LK96]. **realization** [Ein86]. **really** [Han73]. **recognition** [SB82]. **reconsidered** [Dun80]. **Recursive** [Bro73]. **Reduction** [PH83a, PH83b]. **Reference** [Car74]. **refinement** [Zie78a]. **Reflections** [Gil98]. **Refutation** [Kah91]. **Regarding** [WK95]. **region** [PP75]. **register** [Cyn90]. **Reinterpreted** [Del96, Duk96, Dry96]. **related** [EJ76]. **relating** [DL85a]. **relations** [Whi94]. **release** [GN84]. **Relevant** [RS97]. **reliability** [Boy79]. **Reliable** [Chi97]. **Remark** [Dry96, KK96]. **Remarks** [Ano98d, Ano98f]. **Repeated** [Han70]. **Report** [DW95, GOP+79, GOP+80, Smi83b]. **Reports** [Ano95b, Ano95c, Ano95d, Ano96a, Ano96b, Ano96c, Ano96d, Ano98a, Ano98b]. **representation** [EL81]. **required** [Par69]. **Research** [Ano73g, Ano73m, GOP+79, GOP+80, KM83, Ard80, Ric76a, RGO+79, Ric81a, SAW85, Voi81]. **resource** [CM78]. **responses** [Fri72a]. **Restructuring** [Hop97]. **Result** [LK96]. **results** [Add81, Wit67]. **reversed** [Law88]. **reversion** [Law88]. **Review** [Hor74, Smi88a, Smi88b]. **Reviews** [Ano74a]. **revision** [Wag84]. **Revisited** [Duk96, LK96]. **ROBust** [Kle78]. **Robustness** [Kah81a]. **Role**

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**Safe** [Lam79]. **Saving** [Bus87]. **scaling** [EH79]. **Scandinavian** [Ein78]. **scheme** [BHK83, Bol75, GS74]. **Science** [Ano71, Ano73d, Ard80, Cha87]. **Scientific** [Bat81, Cod71, Fos91, CG89, Dun72, Dun76a, Dun90b, GAA+86, Kul83, KM83, Smi83c]. **Search** [Gro92, Rol97]. **Second** [DW95, FJ79]. **section** [Fri73]. **Seminar** [Ano73m, Kob92]. **separably** [Lam79]. **September** [Ano73i]. **sequence** [Pro88, Zah89]. **Sequential** [Ano73q, Hor74, Eva89, GMSW85]. **Series** [Law88, DK72]. **service** [Ile85]. **services** [PP82]. **Sessions** [Ng73]. **Set** [FKK96, DCHH85, DCDH87]. **Set-Valued** [FKK96]. **shared** [GN88]. **sharp** [Pri75]. **shelf** [CS83]. **shell** [CW75a]. **short** [Gla85]. **should** [Dun90c]. **SIAM** [Ano73n]. **SIGMetrics** [Ano93b]. **SIGNUM** [Ano75, Dry96, ACM79, Ano79, Fri72a, Han77, Rob73, Ske79b, Uso69]. **SIGNUMs** [Rad73]. **SIGs** [RS97]. **simple** [Tee72]. **Simulations** [Chi97]. **sin** [Tur69]. **sin** [?]Turner:1969:DSC. **Single** [PV83a, PV83b]. **Single-valued** [PV83a, PV83b]. **singular** [Ham85]. **Site** [Ric96]. **Six** [Dri82]. **sizes** [Cyn90]. **SLATEC** [VH82]. **Slow** [GLJ+91]. **Slowing** [Cyn90]. **soft** [Kro87]. **Software** [ACM79, Ano73l, Ano73p, Ano75, BB91, Bri95, But79b, Car92, Cod79, Cod80, DPS92, Fel79a, LS75, Pow73, Ric91, Sch79b, Smi98, AK79, Ano79, Bat75, BHK83, Boy79, Cli82, CG79, Don84, DG85, Dri82, EJ76, Ein78, For78, FC84, Hak85, HKL73, Kel76, Kro71, Nas76, Nas90, Ric81a, Sch79c, Smi79, Wil86]. **Solution**

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**v** [Tem83]. **value** [ABB<sup>+</sup>74, DM76, ES87, Ham85, Hin80, Wis78]. **Valued** [FKK96, PV83a, PV83b]. **variable** [War76]. **variables** [DZ88b]. **Variants** [DS94]. **various** [Don84]. **verification** [Ost79]. **version** [Cod88, IFI92]. **via** [Bai98, DG85]. **virtual** [Str81]. **Voting** [Fel73].

**War** [Kos96]. **Waterloo** [GN81, GN84]. **Watson** [KM83]. **wave** [Ber75]. **wavelets** [Kob92]. **Web** [Ric96]. **weight** [Dun76b]. **which** [Cha87]. **Wisconsin** [Ano73m]. **Wisconsin-Madison** [Ano73m]. **within** [Whi94]. **without** [CG85, ES75a]. **Word** [CCG<sup>+</sup>85]. **Word-length-independent**

[CCG<sup>+</sup>85]. **work** [Wag84]. **Working** [Ano95a, Ein73, Fos91, Jon79, Fel79a]. **Workshop** [DW95, DW96, FJ79]. **Worldwide** [Ano96f]. **worthwhile** [Bra87]. **Would** [Hul73]. **written** [Dri82].

**Year** [Ano95e]. **York** [Ano73j].

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