

# A Bibliography of Publications in *ACM SIGNUM*

Nelson H. F. Beebe  
University of Utah  
Department of Mathematics, 110 LCB  
155 S 1400 E RM 233  
Salt Lake City, UT 84112-0090  
USA

Tel: +1 801 581 5254  
FAX: +1 801 581 4148

E-mail: [beebe@math.utah.edu](mailto:beebe@math.utah.edu), [beebe@acm.org](mailto:beebe@acm.org), [beebe@computer.org](mailto:beebe@computer.org) (Internet)  
WWW URL: <http://www.math.utah.edu/~beebe/>

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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].  
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**Chan** [GP87]. **change** [SAW85]. **chapter** [Gla85]. **Characteristics** [Cod71].  
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**Committee** [Jon79, Uso69]. **commonly** [Ker72]. **communications** [Ano74b].  
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**Comparisons** [Rol97, Rol90, Tem83].  
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**Complexity** [Ano73c, Ano73q, Hor74].  
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**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].  
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**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<sup>+</sup>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<sup>+</sup>85, CKP<sup>+</sup>79, Fel79c, PS79, Rei79a, Ris76, RBSF93, Tyd94, BF79, Cle84, ELP79, Hul79, Kah68, KP79, Pay86]. **Floating-Point** [Rei79a, Ris76, RBSF93, Tyd94, CCG<sup>+</sup>85, BF79, Hul79, KP79]. **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<sup>+</sup>79, GOP<sup>+</sup>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<sup>+</sup>91, Han73, Hop97]. **Goes** [GLJ<sup>+</sup>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].
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**legitimate** [Ric81a]. **length** [CCG<sup>+</sup>85].  
**Letter** [Ano98e, Kni76b]. **Letters** [Ano98f].  
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**Livermore** [Fri73]. **Local**  
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