A Bibliography of Publications about the *MACSYMA* and *VAXIMA* Symbolic Algebra Languages

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

E-mail: beebe@math.utah.edu, beebe@acm.org,
beebe@computer.org (Internet)
WWW URL: https://www.math.utah.edu/~beebe/

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Title word cross-reference

#3 [Fit73]. **#4** [Fit73].

$(i + j, j)$ [Str85]. F [PW85a]. G [PW85a]. $\longrightarrow$ [Pit79]. p [Wan79]. $\mathbf{Q}(\sqrt{2})$ [Deu93]. $\mathbf{Q}(\sqrt{3})$ [Deu93]. r^t [BBR85]. U(3) $\supset$ SO(3) [Dra01]. $x' = y$ [RK87]. $y' = 0$ [RK87]. Z_p [Str85].

-adic [Wan79].

//sagemath.org [Den13].

12th [GE94]. **13th** [H$^+$91]. **14th** [HSW83]. **17** [TMH99]. **1974** [Jen74, Ros74]. **1977** [F$^+$77]. **1979** [Lew79, Ng79]. **1980** [Ano80]. **1981** [Wan81]. **1982** [Cal82]. **1983** [Gen83]. **1984** [GH84, SS84]. **1985** [ACM85]. **1987** [Ear88]. **1988** [IEE88b, WGM88]. **1989** [Nel89]. **1991** [IEE91, PEK91]. **1992** [Fli93]. **1993** [AAC93, GE94]. **1999** [TMH99]. **1999/088** [TMH99]. **19th** [Hei87].

2 [BH95]. **2.1** [Fel96]. **20th** [WGM88].

4-17 [Ear88].

54Th [Ano84]. **578** [BR73].

6000 [Str74]. **6000/7000** [Str74].

7000 [Str74]. **'74** [Jen74]. **'79** [Ng79, IJC79].

'81 [Wan81]. **'85** [Buc85, Cav85]. **'86** [Cha86]. **'89** [ACM89, Nel89].

'90 [Mio90, WN90]. **'91** [Wat91]. **'92** [Wan92]. **'94** [ACM94].

Accelerator [IEE92a, BFBZ92]. **ACM** [ACM85, ACM89, Pet71, Wan81]. **ACM-SIGSAM** [ACM89]. **Adaptive** [RH86]. **Addendum** [FG80, Fat82a, Mat80]. **adic** [Wan79]. **Advanced** [Ear88, JS87]. **Aerodynamics** [Meh86]. **aid** [Cre89, Cre90a, Fra84]. **Aided** [Ban84, Rei81, Wan84, DJ89, ET88a, ET88b, GJK88, MS91, WS91a, WS91b, WS92]. **Algebra** [Cav85, DST88, Fat81, GCL92, Gol86, GKW03, HWH91, HN85, Jen84, Koe92, KLW90, KWW92, NMM90, Pav85c, Pav86, Rei81, Sua84, YP91, van82, AP90, Ben98, BFBZ92, Cal82, Che88, CP92, Fat15, FP95, HT90b, Ken80, Kut88, Lan89, LR08, Mat89b, MT94, PF95, Ran84, Ran87, RA87, Ran94, Roe95, SH10, TTDD91, TM89, TH94, Way90, Wes99, Sch84]. **Algebra-System** [KWW92]. **Algebraic** [ACM89, ACM94, Bre84, Cha86, DST88, Eng76, FFF$^+$84, Mos71a, Mos71c, Pet71, TM89, Wan81, Wan92, WN90, Wat91, BF72, CRDMBR19, DST87, DS81, Fat15, GJK88, Mar71b, Ng79, Sas86, Str74, TH90, Tra84, Una88]. **algébriques** [DST87]. **ALGOL** [PI64]. **Algorithm** [Baj86, RH86, Wan79, Wan82, CG90, GHR10, Mos69, MY73, TM85]. **algorithmes** [DST87]. **Algorithmic** [Koe93]. **Algorithms** [DST88, GCL92, BMM90, DST87, SB89, Zip79]. **ALPAL** [Pai92]. **Alternative** [Coo84, Fat15]. **alternor** [MSI90]. **American** [AAC93, PEK91, SS84]. **analog** [SDF88]. **Analysis** [AM90, Ban84, BMS88, Cha92, Cre89, DS81, JM87, Mag89, RW86, SC87, SK86, Wan84, WKB86, AM89, Cre90a, Cre90b, ET88a, ET88b, ET89, GD93, HFO94, HT90b, Hol86, Ols92, Ran88, SDF88, WS92, MS91]. **analytic** [Dra01, Fra84]. **Analytical** [HJL91, WH84a, WS88]. **Angeles** [Pet71]. **anisotropic** [CHH91]. **Annual** [Gra94, PEK91, SS84]. **annuli** [TTDD91]. **Anwendung** [Ben98]. **Anwendungsbeispielen** [BH95]. **Application** [Ari89, Baj86, CTZY90, CD82, CD87, EM87, Hol88, JM87, Kwo91, MR85a, MR85b, SH84, VGT90, YP91, BF72, Fat15, HFO94, KoTRLoE77, yS88, Wan91]. **Applications** [AM89, ET89, GKW03, Har84, MAC84, HT90b, HN83, IEE93, IEE88b, Mej84, Par86, Pav85a, Pav86, Wan94, BH95, HLTH94, NC79, Par84, Pav85b, PH86, Ran87, TD90, Ham89]. **Applied** [SCG88, Sua84, AP90, Akm88, HN83, PL87, Ran84]. **Approach** [FKM95, GBC92, RS85, HJL91]. **approaches** [GJK88]. **Approximate** [TT88, GHR10]. **Approximation** [CCF84]. **approximations** [Gil95]. **April** [Cal82, Cav85, IEE86, IEE88a, Mio90, WGM88]. **Arbeiten** [KLW90, KWW92]. **Arbitrary** [Fat76]. **Arising** [SH84, Deu93]. **Arithmetic** [Fat76]. **Arrow** [GD93]. **Articles** [SS73]. **Artificial** [IEE88b, IJC79, PH86, Nor91, WS91a, WS91b, WS92]. **ASAP** [BFBZ92]. **ask** [Mac97b, Mac98]. **ASME** [H$^+$91, KRB$^+$90, G. 86]. **Associated** [BH87, Rei81]. **astro** [DJ89]. **astro-geophysics** [DJ89]. **Asymptotic** [CCF84, Lo85, BT88, Ski93]. **Atlanta** [PEK91]. **Aufstellung** [RAKK88]. **August** [Ano80, IEE88c, IJC79, Jen74, KRB$^+$90, Ros74, Wan81, WN90]. **Australia** [GE94]. **Austria** [Cav85]. **Automated** [Gen77, HJL89, LH84, LH86, MD88, Gen79, SS84]. **Automatic** [GE94, JL94, LG86, Mår86, Mac83, Pow84, SR88, Wan71a, Gat84, Sla61, GE94]. **automating** [Cre90b]. **Automation** [IEE86, IEE88a, Dic20, SDF88]. **Autonomous** [LMR90]. **available** [Way90]. **averaging** [CR91]. **axes** [BFMS87]. **AXIOM** [Ben98, Ben98, Grä96].

B [Ano93, GM82]. **Band** [IL88]. **Based** [Meh86, BSZ93, Fav79, GW84, GJK88, Kow86, SR90]. **beam** [Cre90a, LHC92, TYL89]. **bearing** [HT90b]. **Beijing** [IEE88c]. **Bending** [Ban84, SC87]. **Bergmann** [TM85]. **Berkeley** [F$^+$77, FFF$^+$84]. **Bernoulli** [TYL89]. **Bessel** [SC90]. **Best** [Sto84]. **between** [fHR93]. **Bibliography** [SS73, Sym87b]. **Biennial** [H$^+$91]. **Bifurcation** [HT84, Mag89, RA87]. **Biomathematics** [Mej84]. **Bodies** [Mac83]. **Body** [JM85, MR85a, MR85b]. **Bonn** [Wat91]. **Book** [Ano93, NFMY04, RCF98]. **Books** [SS73]. **Bordeaux** [Fli93]. **Boson** [ANGK$^+$87]. **Boston** [KRB$^+$90]. **Boundary** [SH84, TG90, CS90, Mae87]. **boundary-value** [Mae87]. **Brighton** [IEE93].

c [GM82, Mår86, SH10]. **CA** [Nel89]. **CAD** [Ear88]. **Calcul** [DST87, Sir70]. **calculating** [WS88]. **Calculation** [Koe93, CHW91, JL94]. **Calculations** [Wol79, HN83]. **calculus** [DST87, Fel98, BIG01, Sir70, Sla61, TM89]. **California** [AAC93, Ano80, F$^+$77, FFF$^+$84, IEE88b, Pet71, IEE86, IEE92a]. **can** [Mac97b, Mac98]. **cantilever** [Cre89]. **Capabilities** [Fel96, Pav85a, Pav86, Fat71, Pav85b]. **Capri** [IEE92b, Mio90]. **Case** [JM85, Nor91]. **CDC** [Str74]. **celestial** [CD02]. **Centre** [IEE93]. **centroids** [Mat89a]. **changes** [LHC92]. **Channel** [EM87]. **chaos** [Una88]. **Characterization** [FF81]. **Chebyshev** [EF89]. **chemically** [HCR91]. **chemistry** [PH86]. **Chicago** [G. 86]. **China** [IEE88c, IEE88c]. **Ciocco** [Ear88]. **circuit** [SDF88]. **Circular** [BFHS92, BFMS87, Fra84]. **Civil** [Top89, Top89]. **Civil-Comp** [Top89]. **class** [Mos69]. **Classical** [CD02]. **Clebsch** [Dra01]. **Clifford** [TM89]. **Closed** [BBR85, Man93, SC90, Fab93, TRC92, WH84b]. **Closed-Form** [BBR85, SC90, WH84b]. **closed-loop** [Fab93]. **Closure** [Rei81]. **CMS** [HNS87]. **Coalescing** [CCF84]. **coaxial** [fHR93]. **Code** [GW84, LG86, SR84, Ari89, BGV94, CS87, CS89, Gat84, Mår86, SR88]. **Coded** [Dic20]. **codes** [Cah90, RAKK88, RAKK88]. **coding** [Mar71b]. **coefficients** [Dra01]. **collaborative** [Sny17]. **collection** [GM82, Tha89a, Tha89b]. **college** [Tha89a, Tha89b]. **Colloquium** [TMH99]. **column** [CVG94]. **Combination** [IL88]. **Combining** [Wan85]. **Comfortable** [Ano95a]. **Comments** [Ken80]. **Common** [BFHS92, BFMS87, Nor91]. **Comp** [Top89]. **Comparative** [JM85, CVG94]. **Comparison** [KSB92, NW83, SP93, TS00, GJK88]. **Competition** [Gra94]. **Complex** [BS84, HN85, KoTRLoE77, Ray88]. **composite** [KSB92, NNM91]. **Compressable** [CS79]. **comprise** [CVG94]. **Computation** [ACM89, ACM94, BHY88, Cha86, CDW90, Cre90b, DST88, SCG88, HCR91, Ous91a, Ous91b, PK88, Ros85, TMH99, VGT90, Wan81, WN90, Wat91, Wol85, Bau88, BKK76, CS90, Cre90a, HLTH94, KoTRLoE77, Lan88, LS96, Mio90, NC79, Ng79, OA89, OA91, Ran88, Sre92, Tob71, TM85, TS00, VT92, Wan71a, War90, YW87, Wan92]. **Computational** [Ber84, Gol84, Meh86, Wan85, PEK91]. **computations** [BMM90, CRDMBR19, Her88]. **compute** [Mat89a]. **Computer** [AP90, Bre84, Cal82, Cav85, DST88, DJ89, Fat81, GCL92, BIG01, GKW03, HWH91, HSW94, HSW98, HN85, ILT87, Jen84, Koe92, KLW90, KWW92, Lan89, Mac83, Mar71a, NMM90, Pav85c, Pav86, Ran84, Ran87, Rei81, Sua84, TH94, WS91a, WS91b, WS92, Wes99, YP91, van82, Ari89, Ben98, CHW91, CTZY90, Che88, DS81, Ear88, ET88a, ET88b, Fat15, FP95,

GJK88, HT90b, Ken80, LR08, Mat89b, MT94, Nel89, PF95, RM76, RA87, Ran94, Roe95, Sir70, SH10, Way90, Cal82, Gen83, Hei87, HSW83, MS91, Nel89, Sch84]. **Computer-Aided** [Rei81, DJ89, ET88a, ET88b, GJK88]. **Computer-Algebra-Systemen** [KLW90]. **Computer-supported** [BIG01]. **Computeralgebra** [Ben98]. **Computeralgebra-Systemen** [Ben98]. **Computerized** [NA79, Cre89]. **Computers** [Bar90, Dev94a, Dev94b, Dev94c, G. 86, KRB+90, Sym86b, KRB+90]. **Computing** [CS79, CF80, CG90, Dek83, JS87, Man93, Top89, AM89, DM93, Dra01, ET88a, ET88b, Sny17, WGM88]. **concentrated** [Fra84]. **concept** [WS83]. **conduct** [Dic20]. **cones** [BFMS87]. **Conference** [AAC93, Ano80, Cal82, Cav85, F+77, GH84, Gra94, G. 86, H+91, IEE93, IEE86, IEE88b, IEE88c, IEE88a, IEE91, IEE92a, IEE92b, IJC79, KRB+90, Lew79, Top89, Ano80, IEE92a]. **conferences** [H+91]. **Congress** [GE94, Nel89, Ros74]. **Congruent** [BFHS92, BFMS87]. **Connected** [Mac83]. **Considerations** [Lue77]. **constitutive** [TDA88]. **constraints** [TM85]. **Constructing** [Gil95]. **Construction** [CDA90, Her83, Wan79]. **Consultant** [Gen77]. **consultation** [Gen79]. **Contribution** [Sir70, Sir70]. **Contributions** [Cav85]. **Control** [AAC93, BMS88, GE94, ILT87, ML87, RH86, TMH99, ABC+88, ET88a, ET88b, ET89, Fli93, GFB+93, HLTH94]. **Controlled** [WKB86, Fab92, Fab93]. **controller** [LS96]. **controls** [SS84]. **Convection** [Mag89, TTDD91]. **converter** [GFB+93]. **converter-machine** [GFB+93]. **Corrections** [Cel84]. **Coulomb** [BBR85]. **coupled** [Her91]. **courses** [TH94]. **crack** [KSB92, LHC92]. **crack-induced** [LHC92]. **Criteria** [Yag84]. **criterion** [Una88]. **Critical** [NMM90]. **Crow** [CVG94]. **CTRL** [Mår86]. **CTRL-C** [Mår86]. **Current** [Pad85, Raj87]. **Cybernetics** [IEE88c]. **cyclically** [MSI90]. **Cylinders** [BFHS92, fHR93]. **Cylindrical** [Ban84, SP93].

dame [Way90]. **Data** [CS79, Whi77a, Whi77b]. **Databases** [LMR90]. **DC** [Lew79]. **Decade** [Mos71d, Mos71b]. **December** [PEK91, SS84]. **Decoupling** [CD82]. **Definite** [Wan74, Wan71b, Wan71c]. **definition** [MSI90]. **Deformation** [Ban84]. **Degenerate** [RK87]. **Degree** [HT84]. **Demonstrations** [DS81]. **Derivation** [LH84, LH86, MD88, DJ89, TDA88, WS92]. **DERIVE** [Ben98, Ben98, KLW90, KWW92]. **Describe** [GBC92]. **Design** [Cha88, CFG+84, GE94, ILT87, SK86, ABC+88, AM90, BSZ93, BFBZ92, ET88a, ET88b, ET89, Fli93, Gat84, HJL89, HLTH94, H+91, LS96, SDF88, Mio90]. **Determinacy** [RK87]. **Determining** [Mar71b]. **Development** [Pad85, Raj87]. **Diagram** [Wol79]. **Diego** [IEE88b]. **Difference** [Yag84, SR88]. **Differential** [Har84, HV87, Her83, Mil93, Ous91a, RW86, Rei81, WH84a, Woo84, Bey79, CHW91, CG90, Gol77a, GHR10, Kwo91, Mat89b, RB91]. **Differentiation** [Gol85, Wan94, WS84, JL94, WS83]. **Difficulties** [Wan82]. **Diffusive** [Mag89]. **Dimensional** [Eng84, Wel72]. **Dirac** [BBR85, TM85]. **direct** [HT90a]. **directed** [RB91]. **Directions** [JS87]. **DISCO** [Mio90]. **discontinuities** [AP90]. **Discrete** [NTT90, CDA90]. **Discrete-time** [NTT90]. **dispersion** [RAKK88]. **Dispersionsgleichung** [RAKK88]. **Disturbances** [LF87]. **DMS** [BR73]. **document** [Sny17]. **documentation** [GM82]. **DOE** [HC85]. **DOE-MACSYMA** [HC85]. **Double** [JM88, Mag89, TRC92]. **Double-Diffusive** [Mag89]. **double-spiral**

[TRC92]. **Drinfeld** [ACLM23]. **Driven** [WKB86]. **drives** [GFB+93]. **drudgery** [Str90]. **Dynaman** [SK86]. **Dynamic** [LH84, LH86, MD88, NTT86, GJK88, LS96]. **Dynamical** [HN85, Ous91b, Una88]. **Dynamics** [JM85, Meh86, Cre90a, Cre90b, H+91, Ran94].

easy [GM82]. **economy** [War90]. **editing** [Sny17]. **Editor** [Pai92]. **Educating** [Gra94]. **Education** [Gra94, VT92]. **Efficient** [SC87]. **eigenfrequency** [LHC92]. **eight** [SP93]. **Einführung** [BH95]. **elastic** [TT88]. **electromagnetics** [Ari89, TS00]. **Electromechanical** [GBC92]. **Electronics** [IEE93]. **Element** [SC87, Wan84, H+91]. **elementary** [FP95, PF95, Ric68, Rit48]. **elements** [CTZY90, CS90]. **Elimination** [Bey84, Mos66a]. **Elliptic** [TG90, CR91]. **Encyclopedia** [RM76]. **Engine** [WKB86]. **Engineering** [IEE92b, Pav85a, Pav86, Top89, ABC+88, G. 86, HSW94, KRB+90, Lan88, Lan89, Nel89, OA89, OA91, Pav85b, TD90, TH94, War90, Ben98]. **Engineers** [Gra94, PEK91, SS84]. **engines** [RAKK88]. **England** [ACM94, Top89]. **enhance** [TH94]. **Enhancement** [Ray88]. **Enumeration** [Del91]. **Environment** [BS84, Ber84, Pur85, Ray88, Sre92]. **Environments** [ACM85, Car84]. **Equation** [Mil93, Rei81, WH84a, CP92, Gol77a, TD90, TYL89]. **Equations** [Bey84, Har84, HV87, Her83, HN85, LH84, LH86, Mac83, MD88, RW86, Woo84, Yag84, Bey79, CDA90, CHW91, DJ89, Fod78, Fra84, GHR10, HT90a, Her91, Kwo91, Mat89b, Mos66a, RB91, RAKK88, TDA88, TV89, WH84b]. **Equilibria** [RK87]. **equivalence** [Mar71b]. **Equivalent** [HN85]. **Error** [VGT90, BMM90]. **error-free** [BMM90]. **Errors** [Cel84]. **estimators** [BT88]. **Euler** [TYL89]. **EUROCAL** [Cav85, Buc85]. **EUROCAM'82** [Cal82]. **Europa** [IEE92b]. **European** [Cal82, Cav85, IEE93]. **EUROSAM** [Ng79, Jen74]. **evaluate** [Lun86]. **Evaluating** [Cut84]. **Evaluation** [Wan71b, Wan71c, Wan74, Str74]. **evolution** [HT90a, Her91]. **Exact** [Her91, CDA90, Roe95]. **Examples** [Koe93]. **exchanger** [TRC92]. **Excitation** [IL88]. **excited** [Cha92]. **executing** [Lan80]. **Executive** [Spi86]. **executor** [Fav79]. **Exhibition** [G. 86]. **expansion** [Nei80]. **expansions** [Ski93]. **experiences** [CVG94]. **Experimental** [Cha88]. **Experiments** [LG86]. **'expert** [Lan87, BT88, Cla90, Ham89, ILT87, KWW92, Raj87]. **Expertensysteme** [KWW92]. **explained** [GM82]. **Exposition** [KRB+90]. **expression** [Sas86]. **Expressions** [BBR85, Bre84, Mar71a, Mar71b, Str74, SC90]. **extension** [PI64, WS83]. **EZ** [MY73].

F [PW85b, PW85c]. **facilities** [Kut88]. **Facility** [Pow84, Grä96]. **Factoring** [Baj86, WR75, Wan79]. **Factorization** [NW83]. **factors** [Mig87]. **Fairfax** [WGM88]. **Families** [Her83]. **Fast** [BMM90, JL94]. **Federation** [GE94]. **Feedback** [Fab93, Fab92]. **Fermion** [ANGK+87]. **Feynman** [Wol79]. **fiber** [KSB92]. **field** [RS89, WS88]. **Fifteenth** [Gen83]. **Fifth** [Mos74, IEE93]. **Filtering** [LG86, Sua84]. **finally** [Way90]. **Finite** [DM88, Ous91b, Rit48, RS89, Wan84, Yag84, CTZY90, Ris69, Ris70, SR88, SR90]. **finite-volume** [SR90]. **Finitely** [DM93]. **First** [Man93, Bey79]. **Five** [Wol84]. **Flexible** [NTT86, TYL88, Fab92, NTT90, TYL89]. **flexible-link** [TYL89]. **Floating** [Fat76]. **Florida** [H+91]. **Flow** [EM87, YP91, Che88, fHR93]. **flowfields** [HCR91, OM92]. **flows** [HCR91]. **Fluid** [BHY88, EM87, Meh86, NMM90, YP91, fHR93, Ros85, yS88]. **Forcing** [AG87]. **Form** [BBR85, Man93, Str85, PK88, RB91, SC90, TRC92, WH84b]. **Formal**

[Koe93, CG90, Sir70, DST87]. **formel** [DST87, Sir70]. **Formelmanipulation** [KLW90]. **Formelmanipulationssystemes** [Lue77]. **Forms** [CD87, CDW90, Deu93]. **Formula** [Lue77, KLW90]. **formulae** [PI64]. **formulas** [HSW94, HSW98, WS88]. **Formulating** [JM85]. **Formulation** [Cre90a, HN85, RS85]. **FORTRAN** [Cah90, Pit79, RAKK88, SR86, BGV94, Lan80, LG86, SR84]. **FORTRANHybrid** [RAKK88]. **Forum** [Ano95b]. **Foundations** [GKW03, Ear88]. **Four** [CCF84]. **Fourier** [SC90]. **Fourth** [Gra94, IEE88b, IEE92b, Top89]. **fraction** [Nei80]. **France** [Cal82, Fli93, Ng79]. **Francis** [AAC93]. **Francisco** [AAC93, IEE86, IEE92a, Nel89]. **Franklin** [IEE88a]. **Franz** [KK22]. **free** [BMM90]. **Freedom** [HT84, GD93]. **Frencg** [Sir70]. **French** [CS89, DST87]. **freshman** [Sla61]. **Friend** [Slo86]. **Friendly** [Spi86]. **Frontiers** [Gra94]. **Functional** [JM87, Sta84, WS83]. **Functions** [Mos72, CR91, Gol85, Har05, Hol86, Lun86, Mos69, Ric68, SC90, Tra84]. **Future** [Raj87].

G [PW85b, PW85c]. **gain** [Fab93]. **Gait** [JM87, JM88, LF87]. **Galerkin** [Gil95]. **gases** [CDA90]. **gauge** [Cah90]. **GCD** [MY73]. **geared** [DM88, DM93]. **General** [Mos72]. **generalized** [MSI90]. **Generate** [GBC92, GFB+93]. **generated** [WH84b]. **générateur** [CS89]. **Generating** [Ous91b, Lan80]. **Generation** [LG86, Mac83, RS85, BGV94, EF89, Mår86, SR88]. **Generator** [GW84, CS87, CS89, Gat84]. **generators** [Cha92]. **GENTRAN** [BGV94]. **GENTRANs** [Kea91]. **Geography** [Gol84]. **Geometric** [Baj86, Her83]. **geometrical** [TM89]. **Geometry** [Akm88, Tha89a, Tha89b]. **geophysics** [DJ89]. **Georgia** [PEK91]. **German** [Ano95a, Ben98, BH95, KLW90, KWW92, Lue77, RAKK88]. **Germany** [Wat91]. **GI** [YW87]. **GI/S** [YW87]. **Global** [GBC92, HJL91]. **globally** [HJL89]. **Gordan** [Dra01]. **Gradient** [NC79]. **grande** [Way90]. **graphical** [YW87]. **graphics** [Akm88, Ear88, Mac95a]. **graphs** [RB91]. **Grid** [RS85]. **Gripenberg** [CVG94]. **Ground** [ANGK+87]. **Ground-State** [ANGK+87]. **group** [Bey79]. **Guide** [HWH91, Mos71c, Sym87a, Sym88a, Ano88, Ano92, Mac95c, Mos71a, Wes99]. **Gustaf** [CVG94].

Habitats [Gol84]. **Hacijan** [Wan82]. **Hamiltonian** [TM85]. **Handbook** [GKW03]. **Hands** [BH95]. **Hands-on** [BH95]. **Harbor** [IEE88b]. **harmonic** [DJ89]. **hash** [Mar71b]. **having** [TT88]. **Heat** [BHY88, Che88, PEK91, TRC92]. **Hecke** [CD87, Deu93]. **held** [Ear88, F+77, Lew79]. **Heller** [Ano93]. **Help** [Gon83, Mac97b, Mac98, Mar87, RAKK88]. **Heuristic** [Mon92, Sla61]. **high** [OM92]. **high-speed** [OM92]. **Higher** [Far89, Ros85, SP93]. **higher-order** [Ros85, SP93]. **Hilfe** [RAKK88]. **Hilton** [IEE86, Nel89]. **Hinge** [Mac83]. **Hinge-Connected** [Mac83]. **Historical** [Whi77b]. **History** [KK22, Mos12]. **Homogeneous** [Mil93]. **Hopf** [HT84]. **Hotel** [AAC93, IEE88b, IEE88a, IEE92b]. **Houston** [Gen83]. **http** [Den13]. **Human** [JM88]. **Hybrid** [Sre92, CTZY90, RAKK88]. **hybrid/mixed** [CTZY90]. **hypergeometric** [Gos77]. **hypersonic** [HCR91].

IASTED [Ham89]. **iconic** [Ols92]. **Identities** [Deu93]. **IEEE** [IEE86, IEE88c, IEE88a, IEE91, IEE92a, ML87]. **IFAC** [Fli93]. **IFIP** [Ros74]. **II** [CD87, The83b, Mos66c]. **IJCAI** [IJC79]. **IJCAI-79** [IJC79]. **Illinois** [G. 86]. **Illustration** [Cha88]. **Imaging** [SH84]. **implement** [CR91]. **Implementation**

[Car84, CG90, Fat76, Lue77, ZZ86, CTZY90, Gat84, Mio90]. **Implementations** [WS84]. **implémenté** [CS89]. **implemented** [CS89]. **Implementierung** [Lue77]. **Implications** [JS87]. **Improved** [Fel96, YW85, Cla89b]. **Improvements** [Wan82]. **including** [SH10]. **Indefinite** [Gos77, Wan94, Wan91]. **Indexed** [Wan94]. **induced** [LHC92]. **induction** [Cha92]. **Inequalities** [Mig87]. **inexpensive** [Ano95a]. **Infinite** [Cut84]. **Information** [Ros74]. **Ingenieurmathematik** [Ben98]. **input** [Mar71a]. **input/output** [Mar71a]. **Instabilitäten** [RAKK88]. **instabilities** [RAKK88]. **installment** [CVG94]. **Institute** [Ear88, Jen74]. **instruction** [Lan88]. **instructional** [Bra89]. **integer** [Mig87]. **Integers** [WR75]. **Integrals** [BBR85, CCF84, Cut84, Wan74, Ski93, Wan71b, Wan71c]. **integrated** [Fre81]. **Integration** [ABC+88, Fat81, Mos67a, Mos67b, Mos71d, Rit48, Tra84, Wan94, Bey79, Fat15, Har05, Mos66c, Mos66b, Mos69, Mos71b, RB91, Ris69, Ris70, Sla61]. **integrator** [Sla61]. **Intelligence** [IEE88b, IJC79, Nor91, PH86]. **Intelligent** [ML87]. **Interaction** [IL88]. **interactions** [BKK76]. **Interactive** [Spi86, Fav79, Lit76]. **Interface** [Gen83, WGM88, CRDMBR19, Mac95a, Ols92, YW87, Hei87, HSW83]. **Interfaces** [Pur85]. **Internal** [IL88]. **International** [ACM89, ACM94, GE94, G. 86, Ham89, IEE86, IEE88c, IEE88a, IEE91, IEE92b, IJC79, KRB+90, ML87, Mio90, Ng79, Top89, Wan92, WN90, Wat91]. **Interoperability** [LMR90]. **interphase** [KSB92]. **intersect** [BFMS87]. **Introduction** [BH95, SCG88, Gol82, Lew76a, Mac97a, Sym85a, Sym86b, Bau88, Gol77b, Gol79, GM82, Lew75, Lew76b, Lew78, GF80, Ran84, Sym85b, Tob71]. **Introductory** [GM82, Mat74]. **Introduksjon** [MH83]. **invariant** [Gil95]. **inverse** [Cla89a]. **investigation** [RAKK88]. **investigations** [WS91a, WS91b]. **involving** [Ric68]. **Irreducibility** [Mon92]. **Island** [IEE88b]. **isotropic** [Far89]. **ISSAC** [ACM89, Wan92, Wat91, ACM94, WN90]. **Issues** [ACM85]. **Italy** [Ear88, Mio90, IEE92b]. **Ivie** [Cel84]. **IZIC** [FKM95].

Jacobian [JL94, NC79]. **Jacobians** [Pai92]. **January** [ML87]. **Japan** [WN90]. **John** [Cel84, CVG94]. **Joint** [IEE91, IJC79]. **Jordan** [Str85]. **journal** [HT90b]. **July** [ACM89, ACM94, Cha86, Ear88, F+77, GH84, GE94, G. 86, Wat91]. **June** [AAC93, ACM85, Fli93, IEE92b, Lew79, Ng79, TMH99].

Kalman [Sua84]. **Karman** [Fra84]. **Kenzo** [CRDMBR19]. **Kinematic** [LF87, DM88, TV89]. **Kinematics** [ZZ86]. **kinetic** [CDA90]. **Kingdom** [ACM94]. **Knowledge** [IEE92b, Kow86, Meh86]. **komfortabel** [Ano95a]. **Kriging** [Mar87].

lab [RCF98]. **Laboratory** [Mar67a, Mar67b]. **Laminar** [EM87]. **laminated** [NNM91]. **Langley** [DCC85, DeL87]. **Language** [ACM85, Jen84, Mur85, Sta84, GFB+93, Mac97b, Mac98]. **Languages** [Eng76, Sam73, SS73, Sam74, Sam78, Wel72]. **Laplace** [Cla89b, Cla89a, CP92]. **Large** [Ban84, Bre84, CHW91]. **Laurent** [Koe93]. **layers** [Far89]. **lectures** [CD02]. **Letting** [Gon83]. **Level** [Coo84, Fat71]. **Library** [HC85]. **Lie** [Bey79, CHW91, Rei81]. **Life** [Mos07]. **Light** [WKB86]. **Light-Driven** [WKB86]. **like** [Fat87]. **likelihood** [Lun86]. **Limb** [JM88]. **limitations** [MT94]. **limits** [Wan71a]. **Lineaar** [Har84]. **Linear** [AG87, RK87, RH86, WH84a, GJK88, HSW98, Hol86]. **link** [DM88, DM93, TYL89]. **links** [TT88]. **Linz** [Cav85]. **Liouville** [Rit48]. **liquids** [Roe95].

LISP [Ano80, CF80, GW84, Nor91, Pad85, Pav85c, Pit79, Whi77a, Whi77b, KK22]. **LISP-based** [GW84]. **LISP-Machine** [Pav85c]. **List** [RAKK88]. **Lists** [PT60]. **load** [Fra84]. **loading** [Far89]. **Local** [Ous91b]. **Locate** [NMM90]. **Loci** [NMM90]. **London** [Top89]. **long** [Cah90]. **look** [CVG94]. **loop** [Fab93]. **Lösung** [RAKK88]. **Louisiana** [SS84].

Machine [Sta84, GFB+93, Pav85c]. **Machinery** [H+91]. **MACLISP** [Whi77b]. **MacroTEX** [CS87, CS89, CS89]. **MACSYMA** [Ben98, F+77, GH84, KLW90, KWW92, Lew79, MM70, Ano95a, Ano97, Ano75, Ano78, Ano88, Ano92, Ari89, BS84, Ban84, Ben98, BKK76, Bey84, BR73, BGGD77, BG83, Bog83, Bog86, Bra89, Cah90, Car84, Cel84, Cha88, CS89, Che88, Cla89b, Coo84, CR91, Cut84, DCC85, DeL87, Dic20, DS81, Dri84, EF89, Fat71, FG80, Fat82a, Fat82b, Fat87, Fav79, Fit73, Fod78, Fra84, Gen77, GFB+93, SCG88, Gil95, Gol77b, Gol77a, Gol79, GM82, Gol82, Gol85, Gos77, Mat75, Mat77, Mat83b, Har84, MAC84, HC85, Hel91, HNS87, HV87, HT90a, Her91, HT84, Hol86, HN83, Ivi77, Kea91, KoTRLoE77, KLW90, KWW92, Kwo91, Lew75, Lew76a, Lew76b, Lew78, Lit76, Lo85, Lun86, Mag89, Mar87, MF71, MAT83a, The83a, The83b, Mat71, Mat74, GBoT74, MB75]. **MACSYMA** [Gro78, Mat80, GF80, GoTLfCS83, MH83, Mos74, Mos75, Par84, Par86, PW85a, Pav85b, PW85b, PW85c, Pav85c, Pro74, PL87, Ran84, Ran87, Ray88, RAKK88, Ros85, SH84, SB89, Slo86, SR90, Sym84, SM84, Sym85a, Sym85b, SM85, Sym86b, Sym86a, Sym87b, Sym88b, yS88, Tha89a, Tha89b, TG90, TM85, TV89, Wan84, WS83, WH84b, Wol79, Ano95a, BH95, CDA90, CS87, CG90, Cla90, CD82, CVG94, Del91, Dra01, EM87, Fat76, Fat89, Fel96, Fel98, FF81, Fre81, GBC92, Gol84, Gol86, Gon83, Grä96, Gui89, Ivi78, JM85, Lan80, Mår86, Mil93, MR85a, MR85b, Mos12, Ols92, Ous91a, Ous91b, Pav85a, PK88, RW86, RK87, RCF98, RDBE87, RS89, Spi86, SR86, Sym87a, Sym88a, Wan74, Way90, Ano93]. **MACSYMA-Aided** [Ban84, Wan84]. **MACSYMA-FORTRAN** [RAKK88]. **MACSYMA-FORTRANHybrid-Codes** [RAKK88]. **MACSYMA-generated** [WH84b]. **MACSYMA-like** [Fat87]. **MACSYMS** [Cla89a]. **Magnetic** [SH84, WS88]. **Mainframe** [Way90]. **making** [Dic20]. **Man** [IEE88c]. **Management** [Pur85]. **manipulating** [PI64, Wan91]. **Manipulation** [CD87, Eng76, FFF+84, Lue77, Mej84, Ng79, NA79, PT60, Pet71, TYL88, Cre89, DST87, DS81, EF89, ET89, GJK88, HFO94, Hol88, KLW90, Mat89a, Wan71b, Wan71c]. **manipulations** [DST87, RS89]. **manipulative** [BF72]. **Manipulator** [SK86, Lo85, TH90, TV89]. **Manipulators** [LH84, LH86, NTT86, TYL88]. **Manual** [Bog83, Fat82a, Mat77, Mat83b, MAT83a, The83a, The83b, Str74, BGGD77, BG83, Bog86, FG80, Mac88, Mac93a, Mac93b, Mac95a, Mac95b, GBoT74, MB75, Mat80, GoTLfCS83, Pro74, SM84, SM85, Sym88b]. **Manuals** [SS73]. **manufacturing** [SS84]. **MAPLE** [Ben98, Ben98, CFG+84, CVG94, Grä96, PF95, SH10]. **Mapping** [Eng84]. **March** [Gen83, IEE88b, Pet71]. **Mario** [CVG94]. **Marseille** [Cal82, Ng79]. **Massachusetts** [KRB+90]. **Matched** [Ski93]. **matching** [Fat71, Fat15, Lo85]. **material** [Far89]. **Math** [Bet90, Way90, Fos91, Mac97b, Mac98]. **MATHCAD** [Ben98, Ben98]. **MATHEMATICA** [Ben98, KWW92, Ben98, Grä96, SH10]. **Mathematical** [CHH91, FKM95, KWW92, Mar67a, Mar67b, Wol85, Mar71a, Pet88, Str90, Tob71, War90].

Mathematics [CVG94, Den13, Dev94a, Dev94b, Dev94c, Bar90, Ben98, Dic20, HN83, Mac88, Mac93a, Mac95b, Pet88, PL87, Ran84, Ano95a]. **Mathematik** [Ano95a]. **Mathematische** [KWW92]. **Mathlab** [BR73, FG80, MM70]. **Mathlab/MIT** [FG80, Mat80]. **MATHLAP** [Ben98, Ben98]. **matrices** [JL94]. **Matrix** [Mil93, Pai92, BMM90, WH84b]. **Matter** [ANGK+87]. **MAX** [CVG94]. **Maxima** [GHR10, LR08, NFMY04, SH10]. **May** [IEE92a, Nel89]. **Meandering** [EM87]. **Measuring** [Ber84]. **Mechanical** [H+91, PEK91, SS84, AM89, AM90]. **Mechanics** [BHY88, NA79, CD02, CS90, SH10, yS88]. **mechanisms** [DM88, DM93]. **Mechanization** [TV89]. **media** [CHH91]. **Medienkombination** [Mac98]. **Meeting** [PEK91, SS84]. **Method** [TYL89, CTZY90, HT90a, JL94, OM92]. **Methods** [CCF84, BSZ93, Her88, RA87, Rit48]. **Miami** [H+91]. **microcomputers** [Kut88]. **Micropolar** [EM87]. **microstrip** [AP90]. **middle** [Far89]. **Migratory** [Gol84]. **Minimal** [Ous91a, Ous91b]. **MIT-DMS** [BR73]. **MIT-Mathlab** [BR73]. **mixed** [CTZY90]. **Mixtures** [NMM90]. **Modal** [IL88, Fab93]. **mode** [GD93, LS96]. **model** [Ols92]. **Modeling** [TYL88, VGT90, CHH91, NTT90, Pet88, TT88]. **Modelling** [NTT86, TH90]. **Models** [LF87, GJK88, KSB92]. **Modern** [Wan85]. **Modular** [CD87, GBC92, Deu93]. **Modules** [ACLM23]. **moments** [Mat89a]. **month** [CVG94]. **Motion** [HN85, LH84, LH86, Mac83]. **MPD** [RAKK88, RAKK88]. **MPD-engines** [RAKK88]. **MPD-Triebwerken** [RAKK88]. **Muddle** [BR73]. **MUFIE** [Spi86]. **Multi** [HT84]. **Multi-Degree-of-Freedom** [HT84]. **multibody** [Sre92]. **Multiple** [AG87, LMR90, Mag89]. **Multiply** [Bet90, DM88, DM93]. **multiterm** [Sas86]. **multivariable** [Hol86]. **Multivariate** [KM19, WR75]. **muMATH** [Kut88]. **muMATH-algebra** [Kut88]. **MuPAD** [Ben98, Ben98, Grä96]. **My** [Mos07, Slo86].

NATO [Ear88]. **Natural** [TTDD91, Mac97b, Mac98]. **Needs** [Raj87]. **neighborhood** [CG90]. **Networks** [IEE91, Wan91]. **Neural** [IEE91, WS91a, WS91b, Wan91, WS92]. **Neuromuscular** [JM87]. **newsletter** [Par84, Sym84, MAC84, Par86, Sym86a]. **Newton** [OM92]. **Newtonian** [Roe95]. **nine** [BGGD77]. **No** [TMH99]. **Noise** [H+91]. **Non** [AG87, Baj86, Cre89, Roe95]. **Non-Linear** [AG87]. **non-Newtonian** [Roe95]. **non-planar** [Cre89]. **Non-Solvability** [Baj86]. **Noncommutative** [Ous91a]. **noncompact** [Cah90]. **Nonlinear** [BMS88, CD82, HV87, Her83, LG86, NNM91, Rei81, BKK76, BSZ93, Cre90a, HT90a, Her91, Ran94, Una88]. **Nonliner** [Fli93]. **normal** [CDW90, PK88]. **Notorious** [van82]. **November** [IEE91]. **NT** [Mac98]. **Nuclear** [SH84]. **Number** [BS84]. **Numeric** [Fra84]. **Numeric-analytic** [Fra84]. **Numerical** [Fat81, LG86, Wan85, ABC+88, AM89, KoTRLoE77, NC79, PEK91].

Object [Ols92]. **Object-oriented** [Ols92]. **observer** [BSZ93, PK88]. **ODE** [RCF98]. **Odepainleve** [RW86]. **ODEs** [Man93]. **once** [GM82]. **onset** [Una88]. **Ontario** [Cha86]. **Open** [Den13, LR08]. **Operator** [Gol86]. **Optimal** [Cha88, RH86, AM90, HJL89]. **Optimally** [WKB86]. **Optimization** [TD90, HJL91]. **Order** [Man93, Mil93, Bey79, Far89, Mat89b, Ros85, SP93]. **Ordinary** [HV87, Mil93, RW86, Bey79, Kwo91].

ordinateur [Sir70]. **Ore** [KM19]. **oriented** [Ols92]. **Orleans** [SS84]. **Oscillating** [CCF84, MR85a, MR85b]. **Oscillations** [AG87]. **Output** [Fat87, Fab92, Mar71a]. **Overdetermined** [Woo84]. **Overview** [Fat76, Tob71]. **own** [Mac97b, Mac98]. **Oxford** [ACM94].

Package [Cla89b, Fat76, RW86, TYL88, YW85, BGV94, BFBZ92, EF89, Fre81, Lan80]. **Packages** [Bet90, NW83, Str90]. **Painlevé** [HV87, RW86]. **Palace** [IEE92b]. **papers** [ACM85, Ano80, Fli93, GM82, Mat71]. **Paradigms** [Nor91]. **Parallel** [CS90, Wan79]. **parameters** [Fab92, Fab93, Roe95]. **Part** [RK87, Tha89a, Tha89b, CVG94]. **Partial** [HV87, Her83, Nei80, Rei81, Woo84]. **Particle** [IEE92a, MR85a, MR85b]. **Particular** [Dri84]. **Partitioning** [Fat15]. **PC** [Way90]. **PCs** [PEK91, Way90]. **PDE** [SR90]. **penetration** [HFO94]. **Pennsylvania** [IEE88a, ML87]. **Performance** [Ber84, CFG+84]. **Perplexed** [Mos71c, Mos71a]. **personal** [Mos12]. **Perspective** [Whi77b]. **Perturbation** [ANGK+87, Che88, RA87, Ran88]. **perturbations** [Mae87]. **petroleum** [OA89, OA91]. **Phase** [JM88]. **Philadelphia** [IEE88a, ML87]. **Philosophy** [Fat76]. **Physics** [Ber84, Ken80]. **Pitfalls** [MT94]. **PL** [SS73]. **PL/I** [SS73]. **planar** [Cre89]. **plane** [Far89]. **PLANKALKUL** [SS73]. **plans** [Gen79]. **Plate** [SC87, Fra84, HFO94]. **plates** [NNM91]. **Plaza** [IEE88a, IEE91]. **Plotting** [YW85, Fre81]. **Point** [Fat76, CHW91, CG90]. **Points** [CCF84]. **Polylith** [Pur85]. **polymer** [fHR93]. **Polynomial** [Bey84, Sto84, Wan79, BMM90, Grä96, Mos66a]. **Polynomials** [Baj86, Mon92, Ous91a, WR75, KM19, Mig87, Zip79]. **Polyominoes** [Del91]. **Portland** [ACM89]. **Pose** [VGT90]. **Potential** [NA79]. **Power** [IEE93, Koe92, Koe93, Ous91b, Pav85c, JL94]. **Practical** [CCF84, KWW92, BH95, KLW90, Wes99]. **Praktisches** [KWW92, KLW90]. **Praxis** [Cla90]. **praxisnahe** [BH95]. **Precise** [Mil93]. **Precision** [Fat76]. **preiswert** [Ano95a]. **Prelle** [Man93]. **Prepackaged** [Fos91]. **Present** [Pav85c]. **presented** [ACM85, Ano80, H+91, PEK91, SS84]. **presents** [CVG94]. **Primer** [Mat75, Ano75, Ano78, Fat82b, GM82, Lit76, Mat74, Gro78, Mos75]. **Probabilistic** [Zip79]. **Problem** [RH86, SH84, YP91, Kow86, Ris69, Ris70, Str90]. **Problems** [Fit73, Pav85a, Pav86, Raj87, TG90, Cre90b, Mae87, Pav85b, PL87, Ric68, Sla61, TS00]. **Procedure** [Man93, HJL89]. **Proceedings** [ACM94, Ear88, GE94, Hei87, IJC79, Ros74, WGM88, Gen83, G. 86, HSW83, KRB+90, Nel89, Top89, Wan81, WN90, AAC93, ACM85, ACM89, Buc85, Cav85, Cha86, F+77, GH84, Ham89, IEE86, IEE88b, IEE88c, IEE88a, IEE92b, Jen74, Lew79, ML87, Pet71, Wan92, Wat91, Mio90]. **Proceedings.** [Gra94]. **Process** [ILT87]. **processing** [ABC+88, Ros74]. **Program** [HV87, Mac83, Mag89, Whi77a, Whi77b, CR91, Dra01, DS81, Mat89a, Sla61, Str74, TH90]. **Programming** [ACM85, Sam73, Sta84, SS73, Bra89, Cha92, Nor91, Sam74, Sam78, TM89, Wel72]. **Programs** [Cel84, Ivi78, BF72, Ivi77, Lan80, SH10, Tha89a, Tha89b]. **Progress** [NA79]. **project** [Ivi77, Spi86]. **projectiles** [HCR91]. **Prolog** [ZZ86]. **proofs** [MS91]. **Propagation** [LF87, CHH91]. **Properties** [Her83, Mur85]. **Providing** [BS84]. **Proving** [Baj86]. **publications** [Sym87b]. **Puisieux** [Koe93]. **pulse** [HFO94]. **Pure** [Ban84].

Quadratic [RH86]. **Quadrilateral** [SC87]. **Quantum** [SH10]. **Quarks** [BH87]. **query** [Mac97b, Mac98]. **queueing** [FP95, PF95].

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