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

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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$^+$77, FFF$^+$84]. **Bernoulli** [TYL89]. **Bessel** [SC90]. **Best** [Sto84]. **between** [fHR93]. **Bibliography** [SS73, Sym87b]. **Biennial** [H$^+$91]. **Bifurcation** [HT84, Mag89, RA87]. **Biomathematics** [Mej84]. **Bodies** [Mac83]. **Body** [JM85, MR85a, MR85b]. **Bonn** [Wat91]. **Book** [Ano93, RCF98]. **Books** [SS73]. **Bordeaux** [Fli93]. **Boson** [ANGK$^+$87]. **Boston** [KRB$^+$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].

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