A Bibliography of Publications about the AXIOM (formerly, Scratchpad) Symbolic Algebra Language

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

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Title word cross-reference

1 [GJ71]. **1972** [Onl72]. **1984** [Fit84, GH84]. **1987** [Wex87].

5th [HP89].

6th [Mor89].

7th [SvADS07].

'84 [Fit84]. **'85** [BC85]. **'87** [Dav89, Wex87]. **'88** [Gia89]. **'89** [ACM89].

'90 [CC91, Mio90, WN90]. **'92** [Fit93, Wan92]. **'93** [Mio93]. **'95** [Lev95].

AAECC [HP89, Mor89]. **AAECC-5** [HP89]. **AAECC-6** [Mor89]. **Abstract** [JSW88, GL93, JSW86, Sch88, SW88]. **abstraction** [Boe89]. **ACM** [ACM89]. **ACM-SIGSAM** [ACM89]. **Advances** [Fat90]. **advantages** [MR90]. **Algebra** [BC85, Cal94, CGG+04, DD05a, DST88, Dav89, DT90, DT92, DGT92, HP89, Jan88, Jen84a, Mor89, Sut85, Ben98, DGT91, DJ92, For90, GKW03, Joy08, Lam94, Mat89, Pag07, Roe95, SS88, Sme92, Web93]. **Algebraic** [ACM89, ACM94, Bro93, Bro07, DST88, DD89, Doo99, Fit84, GM89, Gia89, HP89, Lev95, Mor89, Pet71, Wan92, WN90, Wat91, Bro91, Duv95, Fat90, Rio92, vH94]. **algebras** [Kos91]. **algébrique** [Duv95]. **algorithm** [GM86, GM88, Sch89, Sit89, Sit92, vH94].

algorithme [Fou90]. **Algorithmic** [SDJ07]. **Algorithms** [DST88, HP89, Mor89]. **American** [Ano91]. **Angeles** [Pet71]. **Annual** [Ano91, Ano95]. **Anwendung** [Ben98]. **Application** [And88]. **Applications** [CC91, Lam94, Pur86, Ben98, GKW03]. **applied** [Dal92, Mat89, HP89, Mor89]. **April** [BC85, Mio90]. **Argument** [KN94]. **Arithmetic** [LM06]. **asymptotic** [Sal89, Sal91]. **August** [Bro07]. **Austria** [BC85, Mio93]. **Automated** [Doy99]. **automatic** [Sal89, Sal91]. **automatics** [Oll89]. **autonomous** [Sit89]. **AXIOM** [Ben98, GHK91, BT94, Dav92a, Dav92b, GS92, JS92, JT94, KN94, Ken01, Lam94, Sei94a, Sei94b, Zen92, Bou95, CGG+04, Dal02, DD03, DD05c, DD05d, DD05e, DD05f, DD05h, DD05i, DD05a, DD05b, DD05g, Dal06, Doy99, Duv95, Gil92, JSD03, Joy08, Pag07, Pet93, PRDD07, Rio92, SDJ07].

Bad [Jan88]. **balance** [GBL91]. **Bases** [Arn95, GM86, GM89, Kos91, Sch91, SS88]. **Basic** [DT90, DT92]. **basis** [vH94]. **BC** [Doo99]. **Beijing** [SvADS07]. **binary** [ACS91]. **birational** [SS88]. **Bonn** [Wat91]. **Browser** [PRDD07]. **Brunel** [Onl72]. **Buchberger** [GM86, GM88]. **Bundespost** [GHK91].

calcul [SSV87]. **Calculations** [BT94]. **calculus** [Ken01]. **California** [Pet71]. **Cambridge** [Fit84]. **Canada** [Doo99, Bro07, Lev95]. **canonical** [Gil92]. **Capri** [Mio90]. **capsule** [GJ72b]. **Carmichael** [Arn95]. **Categorical** [DGT92, DGT91]. **Challenges** [Ano91]. **Changing** [Ano91]. **ChE** [LeB91]. **China** [SvADS07]. **clôture** [Duv95]. **class** [Wan91]. **classroom** [LeB91]. **closure** [DD89, Duv95, Rio92]. **Codes** [HP89, Mor89, ACS91]. **Coding** [CC91]. **Coercion** [SJ87a, Doy99, For90, SJ87b]. **coherence** [Web93]. **combinatoire** [CCM92]. **combinatorial** [CCM92]. **combinatorics** [And88]. **Command** [DD05f]. **Commutative** [DT90, DT92]. **Compiler** [DD05i, Jen76]. **Completion** [Sei94a]. **Computation** [ACM89, Bee17, Bro93, Bro07, DST88, Fit84, Fit93, Gia89, Gil92, JOS93, JSW88, JS92, JSD03, Lev95, LMS07, Mio90, Mio93, Wan92, Wat91, Dal92, JSW86, Mon93, SW88, Wat89, ACM94, Doo99, WN90]. **computational** [Mat89, SvADS07]. **Computer** [BC85, Cal94, CGG+04, DST88, Dav89, GKW03, Jan88, Jen84a, Sut85, Ben98, DJ92, For90, Joy08, Lam94, LM91, MR90, Pag07, Roe95, Sme92, Web93]. **Computeralgebra** [Ben98, GHK91]. **Computeralgebra-System** [GHK91]. **Computeralgebra-Systemen** [Ben98]. **Computing** [Nor75, Onl72, Wan89, vH94]. **concept** [Lam94]. **concepts** [GBL91]. **Conference** [Ano91, Ano92, BC85, Dav89, GH84, HP89, Mor89, SvADS07, Onl72]. **constants** [Wan89]. **Constructing** [Arn95]. **construction** [Fat90]. **Correcting** [HP89, Mor89]. **Crystal** [DD05b]. **cubical** [BT94]. **curve** [Bro91].

dans [CCM92]. **data** [GL93, Sch88]. **Datatype** [JSW88, SW88, JSW86]. **Decomposition** [BS93]. **DERIVE** [Ben98]. **design** [Fat90, Fit93, Mio90, Mio93]. **determine** [SS88]. **Deutschen** [GHK91]. **Developer** [CGG+04]. **Developers** [DD05e]. **development** [GL93]. **Developments** [JOS93]. **differential** [Bro91, Sch89, Sei94b, Wan91]. **Differentialformen** [Zen92]. **differentiation** [SDJ07]. **Dimick** [CGG+04]. **DISCO** [Fit93, Mio90, Mio93]. **distance** [ACS91]. **Does** [Dav92b]. **domain** [Mon93]. **Double** [BS94]. **Double-track** [BS94]. **d'un** [SSV87]. **Dynamic** [BGDW95, Duv95]. **dynamique** [Duv95].

Education [Ano91]. **Efficient** [For90, LM06]. **electronic** [LM91]. **elementary** [Bro89]. **energy** [GBL91]. **Engineering** [Ano91, Ben98]. **England** [Fit84, Onl72]. **English** [CCM92]. **Environment** [LM06]. **Environments** [Ano92, Pur86]. **equation** [Bro91]. **equations** [GM89, Sch89]. **equivalence** [SS88]. **Error** [HP89, Mor89]. **Error-Correcting** [HP89, Mor89]. **EUROCAL** [BC85, Dav89]. **EUROCODE** [CC91]. **European** [BC85, Dav89]. **EUROSAM** [Fit84]. **Evaluation** [BGDW95, Duv95, Duv95]. **exact** [Roe95]. **Examples** [DJ92, Sal89, Sal91, KN94]. **expansions** [Sal89, Sal91]. **Experience** [GJ72a, Pet93]. **Extension** [Jen71]. **extensions** [DD89].

Facilities [SJ87a, SJ87b]. **Facility** [Jen71, GJ71]. **Factorization** [DGT92, DGT91, Luc86, Sch89]. **fast** [Luc86]. **field** [Rio92, vH94]. **Fields** [GS92]. **Finite** [GS92]. **first** [Sit89]. **first-order** [Sit89]. **fixed** [Wat89]. **form** [Gil92]. **Formal** [Nor75]. **formel** [SSV87]. **Formelmanipulationssystemes** [Lue77]. **formulas** [Kos91]. **Forschungsinstituts** [GHK91]. **foundations** [GKW03]. **Fraction** [BS93]. **Fraser** [Doo99]. **free** [Kos91]. **French** [Duv95]. **Full** [BS93]. **Function** [Bee17, vH94]. **functional** [Dal92]. **Functions** [BS93, And88, Bro89, Mon93, Wan89]. **future** [BS94].

gain [BS94]. **games** [Kos91]. **GAMM** [Ano95]. **Gauss** [GM94, Mon93]. **generation** [Lam94]. **Generic** [LMS07]. **geometry** [KKM89]. **German** [Ben98]. **Germany** [Wat91]. **Gmunden** [Mio93]. **Goldman** [Sit89]. **graded** [GL93]. **graphes** [CCM92]. **Graphics** [DD05h]. **graphs** [CCM92]. **Gröbner** [GM89, Sch91, SS88]. **Gröbnerbasen** [Zen92]. **groups** [BT94]. **Guide** [DD05c, DD05d, DD05e].

Hamming [CCM92]. **Handbook** [Bee17, GKW03]. **High** [Ano92]. **High-Level** [Ano92]. **homological** [Lam91]. **homomorphisms** [SS88]. **Hyperdoc** [DD05g].

ICCS [SvADS07]. **identifiability** [Oll89]. **identities** [ACS91, Bur91]. **IFIP** [Ano92]. **ihre** [Zen92]. **II** [BW87, BW89, DGT91, DGT92, DD89, JSW86, JSW88, KKM89, SSV87, SvADS07, Sut85, SJ87b, SJ87a, SW88, Wan89]. **IMACS** [JOS93]. **Implantation** [Fou90]. **Implementation** [BGDW95, DD05a, Fit93, KKM89, LM06, Mio90, Mio93, Luc86, Rio92]. **Implementierung** [Lue77, Zen92]. **inexpensive** [LM91]. **Inference** [SJ87a, Boe89, For90, SJ87b]. **Infinite** [BW87, BW89]. **Ingenieurmathematik** [Ben98]. **installation** [GM88]. **integrable** [Sei94b]. **integral** [vH94]. **interactive** [GJ71, Onl72]. **interconnection** [Pur86]. **International** [ACM89, ACM94, Bro93, Bro07, CC91, Doo99, Fit84, Fit93, Gia89, HP89, JOS93, Jan88, Lev95, Mio90, Mio93, Mor89, SvADS07, WN90, Wat91, Onl72, Wan92]. **Interpreter** [DD03, SJ87a, SJ87b]. **Interpreters** [Wex87]. **Interpretive** [Wex87]. **Introduction** [GM94]. **Inversibility** [Oll89]. **involution** [Sei94a]. **involving** [KN94]. **ISSAC** [ACM89, Gia89, Doo99, Lev95, WN90]. **ISSAC'91** [Wat91]. **ISSAC'93** [Bro93]. **ISSAC'94.** [ACM94]. **Itô** [Ken01]. **Italy** [Gia89, Mio90, Mor89]. **iteration** [Mat89].

Jenks [CGG+04]. **Jordan** [Gil92]. **July** [Bro93, Bro07, Doo99, Fit84, Gia89, GH84, Lev95, Mor89, Wat91]. **June** [Wex87].

keys [Jen84b]. **Kiev** [Bro93]. **Kovacic** [Fou90]. **kryptologischen** [GHK91].

langage [SSV87]. **Language** [Jen84a, Sut85, Dal92, Gil92, Jen74]. **Level** [Ano92, LM06]. **Liapunov** [Wan89]. **Library** [Bee17]. **Lie** [Kos91]. **linear** [GM86, Sch89, Sit92]. **link** [KN94]. **Linz** [BC85]. **liquids** [Roe95].

MACSYMA [Ben98, GH84]. **make** [JT94]. **Manipulation** [Pet71, Fat90, Wan91]. **MAPLE** [Ben98]. **mappings** [Oll89]. **March** [Pet71]. **material** [GBL91]. **math** [GJ72a]. **MATHCAD** [Ben98, BS94, GBL91, LeB91, MR90]. **MathCW** [Bee17]. **MATHEMATICA** [Ben98]. **Mathematical** [Bee17, JSW88, JSW86, Pur86, SW88]. **Mathematical-Function** [Bee17]. **mathematics** [Ben98, GJ71]. **MATLAB** [Ben98]. **matrix** [Gil92]. **May** [Jan88, SvADS07]. **Mechanical** [Wan91, LM91]. **Meeting** [Ano95]. **membership** [SS88]. **Memoriam** [CGG+04]. **META** [Jen71]. **META/PLUS** [Jen71]. **method** [Bou95, Wat89]. **minimum** [ACS91]. **Minnesota** [Wex87]. **Monomial** [Sch91]. **Montréal** [Lev95]. **multinomial** [Sit89]. **Multiple** [LM06]. **Multiple-Level** [LM06]. **MuPAD** [Ben98]. **MuPAD.** [Ben98].

NAG [KN94]. **Neuenahr** [Jan88]. **Newton** [ACS91]. **Newtonian** [Roe95]. **Next** [Lam94]. **non** [Roe95]. **non-Newtonian** [Roe95]. **nonlinear** [KN94]. **nouveau** [SSV87]. **Numbers** [Arn95].

Object [Bou95, Sme92]. **One** [Dav92b]. **ongoing** [Ken01]. **online** [GJ72a, Onl72, Onl72]. **Ontario** [Bro07]. **Open** [Dal02, Joy08, Pag07]. **operators** [Sei94b]. **order** [Sit89]. **ordered** [Rio92]. **orderings** [Sch91]. **ordinary** [Sch89]. **oriented** [Bou95, Sme92].

package [KKM89, Sch88]. **parameterized** [Mon93]. **parameters** [Roe95]. **parametric** [Sit92]. **Part** [SvADS07]. **Partial** [BS93]. **pattern** [Jen76]. **Paul** [Wex87]. **perturbation** [Lam91, LM91]. **Picard** [Mat89]. **pictorial** [Sme92]. **Pioneer** [CGG+04]. **PLUS** [Jen71, BS94]. **point** [Wat89]. **polymorphic** [Dal92]. **Polynomial** [LM06, GM89, Luc86]. **Portable** [Bee17]. **Power** [Nor75, Wat89]. **presence** [Boe89]. **Présentation** [SSV87]. **Primality** [Dav93]. **primer** [Jen84b]. **Problem** [Ano92, CCM92, DJ92, Pur86]. **problème** [CCM92]. **problems** [And88]. **Proceedings** [ACM94, Lev95, SvADS07, WN90, Bro93, Doo99, Onl72, ACM89, Ano91, Bro07, Cal94, CC91, Dav89, Fit93, Gia89, GH84, HP89, JOS93, Jan88, Mio90, Mio93, Mor89, Pet71, Wat91, Wex87, BC85]. **Production** [KN94]. **Program** [Dav92b, Wan89]. **Programmers** [DD05d]. **Programming** [Ano92, Bee17, LM06, LMS07, Sch88, Gil92, Sme92]. **proving** [KKM89]. **Pseudo** [Sei94b]. **Pseudoprimes** [Arn95].

quantum [LM91].

Ramanujan [And84, Bur91]. **Rational** [BS93, Oll89]. **Real** [Rio92, Bro89]. **research** [Lam94]. **Resolutions** [Lam91]. **Revisited** [Dav93]. **Rhine** [Cal94]. **Richard** [CGG+04]. **rings** [GL93]. **Risch** [Bro91]. **Rogers** [Bur91]. **Rome** [Gia89, Mor89].

sa [CCM92]. **Schenectady** [GH84]. **Science** [SvADS07]. **Scientific** [Ano92, JS92, JSD03]. **Scratchpad** [JSW86, SSV87, LM91, And84, BW87, GJ71, GJ72a, GJ72b, Jen71, Jen74, Jen84a, KKM89, And88, BW89, Bur91, CCM92, DGJ+84, DT90, DGT91, DT92, DGT92, DD89, Fou90, Jen84b, JSW88, JT94, Lam94, Sch88, Sut85, SJ87b, SJ87a, SW88, Wan89]. **SCRATCHPAD/1** [GJ71]. **second** [Pet71]. **September** [Mio93, Onl72]. **Series** [Nor75, Wat89]. **Several** [Arn95, Kos91]. **signature** [Mon93]. **SIGPLAN** [Wex87]. **SIGSAM** [ACM89]. **Simon** [Doo99]. **simplicial** [BT94]. **Simplification** [Bro89]. **Society** [Ano91]. **Software** [Bee17, MR90, Pur86]. **solution** [CCM92, GM89, Roe95]. **solutions** [Roe95]. **Solving** [Ano92, DJ92, Pur86, Sit89, Sit92]. **some** [ACS91]. **Source** [Dal02, Joy08, Pag07]. **SPDE** [Sch88]. **special** [And88]. **split** [SS88]. **square** [Gil92]. **St** [Wex87]. **staggered** [GM86]. **Standard** [BS94]. **story** [Ken01]. **Strong** [Arn95]. **structural** [Oll89]. **Structures** [BW87, BW89]. **SubPrograms** [KN94]. **support** [Mon93]. **surjective** [SS88]. **Symbolic** [ACM89, ACM94, Bro93, Bro07, Doo99, Fit84, Fit93, JOS93, Ken01, Lev95, LMS07, Mat89, Mio90, Mio93, Pet71, Wan92, WN90, Wat91, Dal92, GJ71, GJ72a, Gia89]. **symmetry** [Sch88]. **Symposium** [ACM89, ACM94, Bro93, Bro07, CC91, Doo99, Fit84, Fit93, Gia89, JOS93, Jan88, Lev95, Mio90, Mio93, Wan92, WN90, Wat91, Wex87, Pet71]. **Syntax** [Jen71]. **System** [Dav92a, Dav92b, GHK91, Jen84a, JSW88, JS92, JSD03, Sut85, Wan92, GJ72a, JSW86, Mon93, Pag07, Pur86, SW88]. **Systemen** [Ben98]. **Systems** [DST88, Fit93, Mio90, Mio93, Ben98, Fat90, GM89, GKW03, Joy08, KN94, Lam94, Sei94b, Sit89, Sit92, Wan91].

TC2 [Ano92]. **TC2/WG** [Ano92]. **Teaching** [MR90, GBL91]. **technique** [LM91]. **Techniques** [Wex87]. **TELEKOM** [GHK91]. **Testing** [Dav93]. **theorem** [KKM89]. **Theorist** [LeB91]. **Theory** [CC91]. **track** [BS94]. **transparent** [MR90]. **Trends** [JOS93, Fat90, Jan88]. **Tutorial** [Dal06]. **Type** [Boe89, SJ87a, For90, GL93, SJ87b]. **types** [Sch88].

Ueberlegungen [Lue77]. **Ukraine** [Bro93]. **University** [Bro07, Doo99, Onl72]. **Untersuchungen** [GHK91]. **use** [LeB91]. **User** [GH84]. **Users** [DD05c, BS94]. **Using** [Bee17, GBL91, SS88, Sme92, DJ92, GM89, Gil92, LM91, Roe95]. **Uxbridge** [Onl72].

Vancouver [Doo99]. **Verified** [Roe95]. **verkehrstheoretischen** [GHK91]. **versions** [BS94]. **via** [ACS91, Lam91]. **View** [DT90, DT92, DGT92, DGT91, GJ72b]. **Virtues** [LMS07]. **Volume** [DD03, DD05c, DD05d, DD05e, DD05f, DD05h, DD05i, DD05a, DD05b, DD05g, Dal06, JSD03, PRDD07].

Waterloo [Bro07]. **WG** [Ano92]. **Which** [Arn95]. **will** [BS94]. **Word** [Kos91]. **Working** [Ano92]. **Workshop** [Cal94]. **World** [Ano91].

York [GH84].

zur [Lue77].

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