

# A Bibliography of Publications about the *MuPAD* Symbolic Algebra Language

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## Title word cross-reference

**2W** [Mur00]. **D** [Tsa00].

**-ary** [Mur00]. **-ideal** [Tsa00].

**'01** [ACM01].

**1.0** [GPS97]. **1.2.2** [Ano95b, Zim95]. **1.3** [Pos97]. **1.4** [Ano01g, Sor99]. **1994**  
[Hec94]. **1999** [WRL99]. **1st** [Gro95].

**2.0** [Ano01g, Ano01r]. **2003** [ACM03b].

**5th** [Car96].

**'96** [Lak96]. **'97** [KH97, Tec98].

**abstract** [Ano01a, Thi08]. **administration** [Sor96]. **adt** [Ano01a].  
**Advanced** [Har00b]. **aided** [Thi00a]. **Algebra**  
 [Ano93a, Ano93b, Ano96, FGHK95, Got94, GPS97, uRH95, uRH96, MK94,  
 OS96, WRL99, Wiw92, Wiw93, Ano011, Ben98, Ces97, F<sup>+</sup>93, Fuc94, GKW03,  
 Klu96, LW99, LW00, Sor96, Gro95, Klu96, Car96]. **Algebraic**  
 [ACM99, ACM03a, Glo98, GPS97, Gut04, Lak96, RLRML04, Thi00a, Thi00b,  
 Thi08, Tra00, BK04, Ke00, KFC<sup>+</sup>01]. **Algebrasystem** [Wiw93]. **algorithm**  
 [Mur00, Pop00, Tsa96]. **algorithms** [Ano01s]. **Amsterdam** [Hec94].  
**analysis** [Ke00]. **Andrews** [Tra00]. **Annual** [ACM01, ACM03b].  
**Anwendung** [Ben98]. **Anwendungen** [Ano93b]. **application** [PDP00].  
**Applications** [Gro95, WRL99, GKW03]. **appraisement** [BCK99].  
**Approach** [ZP06]. **approximation** [Pop00]. **Architectures** [Ano93b].  
**Architekturen** [Ano93b]. **ary** [Mur00]. **August**  
 [ACM03a, FGHK95, Glo98, Tra00]. **Austria** [M<sup>+</sup>95]. **Ax** [Ano01-35].  
**AXIOM** [Ben98, Ben98]. **Axioms** [Ano01b, Ano01-35].

**based** [Nau96, Thi00b]. **Basen** [Got94]. **Bases**  
 [GB97, RLRML04, Ano01i, DZ95, Got94, Sat00]. **Basic** [Ano01d]. **BC**  
 [ACM99]. **Behandlung** [Ano93b]. **Benutzerhandbuch** [F<sup>+</sup>93]. **Bernoulli**  
 [Har00a]. **Bielefeld** [FGHK95]. **Bildung** [uFSGO95]. **bivariate** [KN00].  
**black** [DK98]. **Boolean** [Sat00]. **box** [DK98].

**California** [ACM03b]. **CALYPSO** [Ces97]. **Canada** [ACM99]. **Cantabria**  
 [Gut04]. **Cat** [Ano01-36]. **Categories** [Ano01b, Ano01-36]. **Challenge**  
 [Tec98]. **challenges** [FM97]. **checking** [Ano01-40]. **closure** [Tsa00]. **code**  
 [Sor96]. **column** [Vol97]. **Combinat** [Thi08, Ano01c]. **Combinatorics**  
 [Thi08, Ano01c]. **Commutative** [GPS97]. **Comparing** [Fat03].  
**Comparison** [LW99, LW00]. **complete** [Tsa96]. **Complexes** [Ano93b].  
**Computation** [ACM03a, Bee17, KH97, Lak96, Tra00, BCK99, Ces97,  
 Har00a, Hec94, KN00, Ke00, KFC<sup>+</sup>01, Sat00, ACM99, Glo98, Gut04].  
**Computational** [ACM01, ACM03b]. **computations** [AH09]. **Computer**  
 [Ano93a, Ano93b, Got94, GKW03, GPS97, Gro95, uRH95, uRH96, MK94,  
 OS96, WRL99, Wiw93, Ben98, Car96, Ces97, Klu96, LW99, LW00, Sor96,  
 Thi00a, Thi00b, FGHK95, Klu96]. **Computer-Algebra**  
 [Got94, Wiw93, Klu96]. **Computer-Algebrasystem** [Wiw93].  
**Computeralgebra** [Ano93b, Ben98, uRH95, uRH96, Sor96].  
**Computeralgebra-Anwendungen** [Ano93b].  
**Computeralgebra-Systemen** [Ben98, Sor96]. **Computing**  
 [Hub00, Maj02, Maj04, SW99]. **Concept** [Sor97b]. **Conference**  
 [Gro95, M<sup>+</sup>95, WRL99]. **constraint** [BK04]. **Copernicus** [Ano05].

**Data** [Wiw92, Ano01a, Ano01d, Ano01j, Ano01-29, F<sup>+</sup>93, Fuc94, Ano96].  
**datatypes** [Ano01d]. **Demonstration** [BG97]. **denotational** [Nau96].  
**denotationales** [Nau96]. **DERIVE** [Ben98, Ben98]. **detools** [Ano01e].

**development** [Thi08, Klu96]. **Developments** [MO95]. **Diego** [ACM03b]. **Differential** [Ano93b, Ano01e, Tsa96, Got94]. **Differential-Gröbner-Basen** [Got94]. **Differentialgleichungen** [Ano93b]. **Dimensional** [ZP06]. **distributed** [Ber97, Nau97]. **dla** [Maj05b]. **Dom** [Ano01-37]. **Domains** [Ano01b, Ano01-37]. **Dynamic** [Sor97b, Sor97a, Sor97d, Sor97c, Sor99, Ano01q, Sor96]. **Dynamische** [Sor97c, Sor96].

**ED** [M<sup>+</sup>95]. **ED-MEDIA** [M<sup>+</sup>95]. **Edition** [mat91]. **Education** [uFSGO95, OS96, WKZZ03]. **Educational** [M<sup>+</sup>95, Ano01-33]. **efficiency** [Sor96]. **efficient** [KFC<sup>+</sup>01, LPP04]. **Effizienz** [Sor96]. **Engineering** [FGHK95, Ben98]. **Entwicklung** [Klu96]. **enumeration** [Tsa96]. **environment** [Klu96, SW99]. **Equations** [Ano93b, Ano01e]. **error** [Pop00]. **essentials** [Maj02, Maj04]. **evaluation** [KFC<sup>+</sup>01]. **Exact** [RLRML04, LPP04]. **Exchanging** [BG97]. **experiment** [BK04]. **Experimental** [Ano93b]. **Experimentelle** [Ano93b]. **exploration** [Thi00b]. **Expressions** [BG97]. **extended** [Mur00].

**factorizations** [Tsa96]. **fans** [Hub00]. **fast** [Sor97c]. **feedback** [Thi08]. **Flexibilität** [Sor96]. **flexibility** [Sor96]. **formatted** [Ano01w]. **foundations** [GKW03]. **Fourth** [Ano05]. **FOXBOX** [DK98]. **fp** [Ano01f]. **Fraser** [ACM99]. **Function** [Bee17, Pop00]. **functional** [Ano01f]. **future** [DZ95].

**GCD** [Mur00]. **generate** [Ano01h, Ano01h]. **geometric** [KFC<sup>+</sup>01]. **Geometry** [ACM01, ACM03b, GPS97, RLRML04]. **German** [Ano95c, F<sup>+</sup>93, Got94, uRH95, uRH96, Klu96, Kra96, Nau96, Nau97, uFSGO95, Sor96, Sor97c, Wiw93, Ano93b, Ben98]. **Germany** [Glo98, FGHK95]. **Getting** [Maj05a]. **graph** [Ano01-38]. **graphics** [Ano01x]. **graphs** [Thi00a, Thi00b]. **Graz** [M<sup>+</sup>95]. **Grenzen** [Sor97c]. **Gröbner** [Got94, Ano01i, DZ95, Got94, Hub00, RLRML04, Sat00]. **groebner** [Ano01i]. **Group** [mat91]. **guide** [Sor99].

**Handbook** [Bee17, F<sup>+</sup>93, GKW03]. **HI** [KH97]. **high** [SW99]. **high-performance** [SW99]. **Higher** [ZP06]. **Higher-Dimensional** [ZP06]. **Human** [Hec94]. **Hybrid** [KN00]. **Hypermedia** [M<sup>+</sup>95].

**ideal** [Tsa00]. **ideals** [Hub00]. **II** [uRH96]. **im** [Got94]. **IMACS** [Gro95, WRL99]. **impatient** [Maj05b]. **implementation** [LPP04]. **Implementing** [Thi08]. **import** [Ano01j, Ano01j]. **increase** [Sor96]. **independent** [Oev00]. **Ingenieurmathematik** [Ben98]. **input** [Ano01h]. **integer** [Mur00]. **integral** [Ano01-34]. **Integration** [Sor97b, Sor97a, Sor97d, Ano01k, Kra96, Kra96]. **interaction** [Hec94]. **International** [ACM99, ACM03a, Glo98, Gro95, Gut04, KH97, Lak96, Tra00].

**interpolation** [KN00]. **Intersecting** [LPP04]. **intersection** [DLLP03].  
**intlib** [Ano01k]. **introduction** [Oev00]. **invariants** [Thi00a, Thi00b].  
**inverse** [Pop00]. **Involutive** [GB97]. **ISAAC** [Gut04]. **ISSAC**  
 [ACM99, ACM03a, Glo98, Lak96, Tec98, Tra00]. **issues** [Pos97]. **iterative**  
 [Pop00].

**Java** [BCK99]. **July** [ACM99, Ano05, Gut04, KH97, Lak96]. **June**  
 [ACM01, ACM03b, M<sup>+</sup>95].

**Level** [ZP06]. **Library** [Bee17, Ano01a, Ano01c, Ano01e, Ano01f, Ano01i,  
 Ano01n, Ano01m, Ano01l, Ano01q, Ano01o, Ano01-38, Ano01t, Ano01s,  
 Ano01w, Ano01v, Ano01x, Ano01-28, Ano01z, Ano01-30, Ano01-32, Ano01-31,  
 Ano01-34, Ano01-40, AH09, Ces97]. **limits** [Sor97c]. **linalg** [Ano01l]. **linear**  
 [Ano01m, Ano01l, BK04, CCT04, Tsa96]. **linopt** [Ano01m]. **Linux**  
 [uRH95, uRH96, uRH95, uRH96]. **Liouvillian** [CCT04]. **list** [Ano01n].  
**listlib** [Ano01n].

**machine** [Ber97, Sor96]. **machine-code** [Sor96]. **MACSYMA**  
 [Ben98, Ben98, Tec98, PZ96b, PZ96a]. **Magazine** [mat91]. **MAMMUT**  
 [Nau97]. **management** [Nau97]. **manipulating** [DK98]. **manipulation**  
 [Ano01n, Ano01z, Ano01-32, Nau97, Nau97]. **Manual** [The96, Ano96, Sor99].  
**MAPLE** [Ben98, Ben98, Ber97, PZ96b, PZ96a]. **March** [Hec94].  
**Maschinencode** [Sor96]. **Maschinencode-Objekte** [Sor96].  
**Massachusetts** [ACM01]. **massively** [Ber97]. **matching** [Ano01o].  
**matchlib** [Ano01o]. **Math** [AH09, Ano95c]. **MATHCAD** [Ben98, Ben98].  
**MathCW** [Bee17]. **MATHEMATICA**  
 [Ben98, Ben98, Har00b, PZ96b, PZ96a, PDP00]. **Mathematical**  
 [BG97, Bee17, Ano01-40]. **Mathematical-Function** [Bee17]. **mathematics**  
 [Ben98, WKZZ03, uRH95, uRH96]. **Mathematik** [uRH95, uRH96].  
**Matheprobleme** [Ano95c]. **MATHLAP** [Ben98, Ben98]. **MathPAD**  
 [Ano05, mat91]. **Matlab** [AH09]. **Maui** [KH97]. **Medford** [ACM01].  
**MEDIA** [M<sup>+</sup>95]. **Meeting** [Ano05]. **memory** [Ber97]. **Minimal** [GB97].  
**misc** [Ano01p]. **miscellanea** [Ano01p]. **model** [Nau96]. **Modell** [Nau96].  
**Module** [Sor96, Sor97c, Ano01q]. **Modules**  
 [Sor97b, Sor97a, Sor97d, Ano01q, Sor96, Sor97c, Sor99]. **MP** [BG97]. **multi**  
 [Fuc94, Ano96]. **Multi-Processing** [Ano96]. **multidimensional** [AH09].  
**Multimedia** [M<sup>+</sup>95]. **multiplication** [Fat03]. **multiprecision** [KFC<sup>+</sup>01].  
**Multiprocessing** [Wiw92, F<sup>+</sup>93]. **MuPAD**  
 [Ano93b, Ano05, Ben98, mat91, uRH95, uRH96, Maj05a, Ano93b, Ano95b,  
 Ano95a, Ano01d, Ano01g, Ano01r, Ben98, CO04, DZ95, F<sup>+</sup>93, Got94,  
 HKM<sup>+</sup>97, uRH95, uRH96, Maj02, Maj04, Maj05b, MK94, MO95, The96,  
 Nau95, uFSGO95, Oev00, PZ96b, PZ96a, Pos97, Sor97b, Sor97a, Sor97d,  
 Sor97c, Sor99, SW99, Thi08, Wiw92, Wiw93, Zim95, Ano96, Fuc94, McA99].  
**MuPAD-Tutorium** [Oev00].

**Near** [DLLP03]. **Near-optimal** [DLLP03]. **nearly** [Sor97c]. **Network** [Ano01-38]. **Nicholas** [Ano05]. **nichtlinearen** [Ano93b]. **niecierpliwych** [Maj05b]. **nineteenth** [ACM03b]. **Non** [CCT04]. **Non-Liouvilian** [CCT04]. **Nonlinear** [Ano93b]. **notations** [Har00b]. **number** [Ano01t]. **numbers** [Har00a]. **numeric** [Ano01s]. **numerical** [Ano01s]. **numlib** [Ano01t].

**object** [Nau96]. **object-based** [Nau96]. **objects** [DK98, Sor96]. **objektbasierte** [Nau96]. **Objekte** [Sor96]. **ODE** [PZ96b, PZ96a, Ano01u]. **ODEs** [CCT04]. **ohne** [Sor97c]. **Online** [mat91]. **only** [Thi08]. **OpenMath** [PDP00]. **operator** [Tsa96]. **Optimal** [Pop00, DLLP03]. **optimization** [Ano01m]. **order** [CCT04]. **ordinary** [Tsa96]. **oriented** [LW99, LW00]. **orthogonal** [Ano01v]. **orthpoly** [Ano01v]. **other** [Ano01h]. **output** [Ano01w, Ano01w].

**p** [Ano93b]. **PA** [ACM03a]. **Parallel** [Ano93b, KH97, Sat00, Ber97, Ces97, Klu96, Nau96]. **parallele** [Ano93b, Nau96]. **Parallelism** [HKM<sup>+</sup>97, Nau95]. **Parallelverarbeitung** [Klu96]. **parameterization** [DLLP03]. **parametric** [BK04]. **PASCO** [KH97]. **pattern** [Ano01o]. **performance** [SW99]. **Perspectives** [Ano93a]. **Philadelphia** [ACM03a]. **platform** [Oev00]. **play** [Sor97c]. **plot** [Ano01x]. **plotlib** [Ano01y]. **Poland** [Ano05]. **Polish** [Maj05b]. **Polmat** [AH09]. **polylib** [Ano01z]. **polynomial** [Ano01z, Fat03, LW99, LW00]. **polynomial-oriented** [LW99, LW00]. **polynomials** [Ano01v]. **Portable** [Bee17]. **PRECISE** [KFC<sup>+</sup>01]. **predefined** [Ano01-35, Ano01-36, Ano01-37]. **predicates** [KFC<sup>+</sup>01]. **Pref** [Ano01-39]. **preferences** [Ano01-39]. **Pro** [Maj02, Maj04]. **problem** [Mur00, SW99]. **Problems** [FM97, Ano95c, Tec98]. **Proceedings** [ACM99, ACM03a, Glo98, Gut04, KH97, Tra00, Lak96, M<sup>+</sup>95, ACM01, ACM03b, Car96]. **processing** [Fuc94, Klu96, Ano96]. **Products** [Lin97]. **prog** [Ano01-27]. **Program** [Ano93b, Ano95c]. **Programm** [Ano95c]. **programmer** [Ano01-27]. **Programmierung** [Klu96]. **Programming** [Bee17, ZP06, Ano01f, BK04, Klu96, Sor99]. **Programmpakete** [Ano93b]. **programs** [Ano01h, Fat03]. **Propagation** [ZP06]. **properties** [Ano01-28, Ano01-40]. **property** [Ano01-28]. **puzzles** [FM97].

**quadrics** [DLLP03, LPP04]. **Quick** [Ano01r].

**Rapid** [Har00a]. **rational** [KN00]. **Reference** [Ano01r]. **related** [Har00a]. **reliable** [KFC<sup>+</sup>01]. **report** [Vol97]. **representation** [DK98]. **Research** [mat91]. **Review** [Ber96, PZ96b, PZ96a]. **RHINE** [Car96]. **RIACA** [Hec94]. **robust** [Ke00]. **roots** [KFC<sup>+</sup>01]. **Rostock** [Glo98].

**San** [ACM03b]. **Santander** [Gut04]. **SCG** [ACM01]. **SCG'03** [ACM03b]. **Science** [FGHK95, uFSGO95]. **Scotland** [Tra00]. **Second** [KH97, CCT04].

**Seventeenth** [ACM01]. **Simon** [ACM99]. **Singular** [GPS97]. **Singularity** [GPS97]. **Software** [Bee17, Sor97b, Sor97a, Sor97d]. **Solitonen** [Ano93b]. **Solitons** [Ano93b]. **Solutions** [Tec98, CCT04]. **solvelib** [Ano01-29]. **solver** [Ano01-29]. **Solvers** [Ber96, PZ96b, PZ96a]. **Solving** [BK04, RLRML04, SW99]. **Some** [Thi08]. **Spaces** [ZP06]. **Spain** [Gut04]. **sparse** [Fat03]. **speed** [Fat03]. **Speicherverwaltung** [Nau97]. **Spiel** [Sor97c]. **St** [Tra00]. **stability** [Ke00]. **standard** [Ano01-30]. **started** [Maj05a]. **starting** [Pop00]. **state** [DZ95]. **statistics** [Ano01-31]. **stats** [Ano01-31]. **Steigerung** [Sor96]. **storage** [Nau97]. **string** [Ano01-32]. **stringlib** [Ano01-32]. **student** [Ano01-33]. **study** [Thi00a, Thi00b]. **suite** [Zim95]. **Summary** [WRL99]. **Switzerland** [Lak96]. **Symbolic** [ACM99, ACM03a, Ber96, BCK99, Glo98, Gut04, KH97, Ke00, Lak96, Tra00, Ces97, DK98, Hec94, Nau97, SW99, Ano93b, AH09, Kra96]. **symbolische** [Nau97, Ano93b, Kra96]. **SymmPAD** [Ano93b, Ano93b]. **Symposium** [ACM99, ACM01, ACM03a, ACM03b, Glo98, Gut04, KH97, Lak96, Tra00]. **System** [Ano93b, Got94, GPS97, uRH95, uRH96, MK94, Wiw93, DK98]. **Systeme** [Ano93b, Nau96]. **Systemen** [Ano93b, Ben98, Sor96]. **Systems** [Ano93b, RLRML04, AH09, BK04, Ben98, GKW03, LW99, LW00, Nau96, Sor96].

**Technical** [Vol97]. **test** [Zim95]. **Their** [RLRML04, Ben98]. **Theory** [GPS97, Ano01-38, Ano01t]. **Tool** [Ano96, Wiw92, F<sup>+</sup>93, Fuc94]. **toolbox** [Ano01-27, AH09]. **tools** [Ano01k, Ano01-33]. **toric** [Hub00]. **Torun** [Ano05]. **transform** [Ano01-34]. **transforms** [Ano01-34]. **Treatment** [Ano93b]. **tutorial** [CO04, Fuc94, Oev00]. **Tutorium** [Oev00]. **Two** [ZP06]. **Two-Level** [ZP06]. **type** [Ano01-40, Ano01-40]. **types** [Ano01a, Ano01d, Ano01-29].

**Uni** [Ano95c]. **Uni-Programm** [Ano95c]. **University** [ACM99, Ano05, Glo98, Gut04, Tra00, Ano95c]. **USA** [ACM03b, ACM01]. **Use** [Ano93b, Ben98]. **User** [F<sup>+</sup>93, The96, Ano96, Ano01-39, Sor99]. **Users** [Ano05]. **Using** [Bee17, RLRML04, BG97, SW99]. **utilities** [Ano01-29].

**Vancouver** [ACM99]. **Version** [The96, Ano96, Fuc94, Oev00]. **verteilte** [Nau97]. **Verwaltung** [Sor96]. **Volume** [ZP06].

**Web** [WKZZ03]. **Wester** [Zim95]. **Weyl** [Tsa00]. **Wissenschaft** [uFSGO95]. **within** [AH09]. **without** [Sor97c]. **WME** [WKZZ03]. **workshop** [Car96, Hec94]. **World** [M<sup>+</sup>95].

**zur** [Sor96]. **Zürich** [Lak96].

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