A Bibliography of Publications about the *Magma* Computational Algebra System

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Title word cross-reference

(11, 9, 8) [Ste15]. $(n, n, 2)$ [Bru06]. 1000 [RDU06]. 2 [Gol91, vW06]. 3 [NO91]. a [GJS22]. J_1 [DL02, Gol91]. ≤ 50 [BL96]. M_{12} [DL02]. p [Sla91].

-groups [NO91, Sla91]. **-invariant** [GJS22]. **-MinRank** [Ste15]. **-modular** [Gol91].

14 [MP10].

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'91 [Wat91]. **'94** [ACM94].

abelian [Ste06]. **Abstract** [BC06, CP97, JM08]. **access** [O'B91]. **age** [Cri06]. **aided** [Geb06]. **Algebra** [Bos01, CP97, DGW+03, BCP97, CP96, CLO07, GMV05, GKW03, HSW89, LW99, OLC+07, Thi15, Wes99]. **Algebraic** [ACM94, CBP08a, CBP08b, Giu00, Lee14, Wat91, BCM94, CLO07, Kid10, KJJ+09, OLC+07]. **algebras** [LW03a, LW03b]. **Algorithm** [MW91, Geb06, Ste15]. **Algorithmic** [KJJ+09, GPV08]. **Algorithms** [Lee14, CLO07, OLC+07, Sch91]. **Alternative** [ES10, Ste08, Ste13]. **Analysis** [CW11]. **analytic** [vW06]. **annual** [Jef08]. **Appendix** [Bai06]. **application** [DL02]. **Applications** [Fie06, Key01, GKW03]. **Arthur** [Cri06]. **Attacking** [CO15]. **August** [HY14]. **Austria** [Jef08]. **Automated** [LW03a, LW03b].

based [CW11]. **bases** [KJJ+09]. **Beijing** [SvADS07]. **bibliography** [Can91]. **binary** [CW11, CO15, GPV08]. **Birch** [Ste06]. **Bitfield** [Ric92]. **block** [Gol91, Ste15]. **Blockhandler** [Ric92]. **Bonn** [Wat91]. **bracket** [LW03a, LW03b]. **braid** [Geb06].

Calculating [Kem97]. **Can** [Ste08]. **Cardinality** [LM94]. **CASC** [GMV05]. **case** [Sla91]. **CAYLEY** [Ano91, Sch91, CR84, Can91, Cri06, Deh94, LW03a, LW03b, San91, Whi91]. **Champ** [Thi15]. **Character** [DI91, Sla91]. **Cherednik** [Thi15]. **China** [SvADS07]. **citations** [Can91]. **class** [Fie06]. **classes** [JR91]. **classical** [HJPS22]. **classifications** [PN13]. **Classifying** [Deh94]. **Codes** [Key01, Lee14, FG01, GPV08, Gra06]. **coding** [JM08]. **Cohomology** [Hol06]. **Colouring** [Lie06]. **combinatorics** [KJJ+09]. **commutative** [CLO07, OLC+07]. **commutativity** [DI91]. **commutator** [Gla91]. **Comparison** [LW99]. **Compiled** [LMRS08]. **Compiled-Interpreted** [LMRS08]. **Computation** [ACM94, Bos95, Els16, Jef08, LMS07, LMRS08, Wat91]. **Computational** [Bos01, Bos06, CLO07, OLC+07, SvADS07]. **Computer** [CP97, DGW+03, Geb06, GKW03, Wes99, CR84, CP96, LW99, GMV05]. **Computing** [Kid10, LM94, RDU06, Sch90, vW06, GMV05, Sut17]. **Concrete** [BC06]. **Conference** [Ano91, HY14, SvADS07, Bos01]. **Congress** [Ano84, FvdHJT10]. **Conic** [LW03b]. **conjecture** [Ste06]. **conjugacy** [Geb06, JR91]. **Constructing** [DL02, Roy91, Tay06]. **Coset** [Hav91, DL02]. **Courses** [CP97]. **CQF** [Kop20]. **Create** [ES10, Ste08]. **creating** [Ste13]. **cryptographic** [DKS09]. **Curriculum** [Ano84]. **curve** [CO15, vW06]. **curves** [Giu00]. **cyclotomic** [Bos95].

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Galois [Els16, Sut17]. **General** [Lee14, PN13]. **Generalized** [Key01]. **generation** [LW03a, LW03b]. **Generators** [LM94, Gra91]. **Generic** [LMS07]. **genus** [vW06]. **geometric** [HSW89, LW03a, LW03b]. **Geometries** [Deh94, DL02]. **Geometry** [Lee14, CLO07, LW03a, LW03b, OLC+07]. **Germany** [Wat91]. **GF** [Gra91]. **global** [Fie06]. **GLS** [CO15]. **Good** [Lun14]. **Goppa** [FG01]. **GPU** [Ste15]. **Graded** [Bro06]. **gradings** [Lun14]. **graphs** [Lie06, Roy91]. **Greece** [GMV05]. **Gröbner** [KJJ+09]. **Group** [LM94, CR84, Hol06, O'B91, San91]. **Groups** [BL96, DL02, Els16, Geb06, Gla91, Gra91, JR91, Kem97, NO91, RDU06, Sla91, Sut17]. **Guest** [Bos01]. **guide** [Wes99].

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Jacobian [vW06]. **Japan** [FvdHJT10]. **July** [ACM94, Jef08, Wat91].

K3 [Bro06]. **Kōbe** [FvdHJT10]. **Kalamata** [GMV05]. **Kingdom** [ACM94].

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language [Bai06, BCM94, BCP97, CBP08b, CBP08a]. **Laplacian** [KOT22]. **large** [Gra06, KOT22]. **laureate** [Cri06]. **length** [NO91]. **less** [RDU06]. **library** [JR91]. **linear** [GPV08, Gra06]. **List** [BL96].

Magma [Bos01, CBP08a, CP96, DL02, FG01, GPV08, Giu00, Bai06, BCM94, Bos95, BCPS95, BC96, BCP97, BC06, CW11, CP97, CBP08a, CBP08b, CDFW10, CBFS14, CO15, DKS09, ES10, Hol06, Kem97, Key01, Kid10, Kop20, Lee14, Lun14, Ste15, Ste06, Ste08, Ste13, Sut17, Thi15, Wak95, Els16]. **Maple** [ES10, MP10, Ste08, Ste13]. **Mathematica** [ES10, Ste08, Ste13]. **Mathematical** [Ano84, ES10, FvdHJT10, HY14, FvdHJT10]. **mathematician** [Cri06]. **Mathematics** [BC06]. **MATLAB** [ES10, Ste13, Ste08]. **Maximal** [Sme14, JR91]. **May** [SvADS07]. **meeting** [Jef08]. **methods** [GPV08]. **Minimal** [LM94]. **minimum** [Gra06]. **MinRank** [Ste15]. **Modular** [Sch90, Gol91, Kem97, Ste06]. **modules** [Car06a]. **Muller** [Key01]. **Multilinear** [Whi91]. **multiplication** [MP10].

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octonions [Tay06]. **only** [JM08]. **open** [Ste08, Ste13]. **Orders** [Sme14]. **oriented** [LW99]. **orthogonal** [Gra91]. **Oval** [Key01]. **Oxford** [ACM94].

package [CW11, HSW89, Kop20, Ric92, San91, Thi15]. **pairings** [DKS09]. **Papers** [Ano84]. **Part** [SvADS07]. **Performance** [LMRS08]. **Permutation** [BL96, RDU06]. **permutations** [JR91]. **planar** [Lie06]. **polynomial** [LW99, MP10]. **polynomial-oriented** [LW99]. **Polynomials** [SW91, Bos95, Sut17]. **power** [Gla91]. **power-commutator** [Gla91]. **practical** [Wes99]. **presentations** [Gla91, JR91]. **Primitive** [BL96, RDU06]. **principal** [Gol91]. **problem** [Ste15]. **Problems** [BCPS95]. **Proceedings** [ACM94, Ano91, Bos01, SvADS07, Wat91, HY14, Jef08, FvdHJT10, GMV05]. **Programming** [BCM94, LMS07, LMRS08, CBP08a, CBP08b]. **Project** [ES10]. **projective** [LW03a, LW03b]. **Projectively** [SW91]. **projectivity** [Car06b]. **proof** [LW03a, LW03b]. **Proposal** [HSW89]. **Providing** [O'B91]. **pseudorandom** [CW11]. **pure** [HJPS22].

Reducing [BC06]. **Reed** [Key01]. **reflection** [Kem97]. **relations** [Gra91]. **Representation** [Sch91, Gol91]. **Representations** [Sch90]. **ring** [GJS22, San91]. **Rings** [Sch90, Bro06, HJPS22, Lun14].

SAGE [JM08, ES10, Ste13]. **Science** [SvADS07]. **scientific** [GMV05]. **Searching** [Gra06]. **Second** [Bos01]. **Seoul** [HY14]. **September** [FvdHJT10, GMV05]. **sequences** [CW11]. **Set** [LM94]. **short**

[LW03a, LW03b]. **signature** [Bru06]. **simple** [JR91]. **Software** [ES10, HY14, FvdHJT10, HSW89]. **solution** [Ste15]. **Solvable** [LM94]. **Solving** [BCPS95]. **Some** [Bos06, Bru06, Key01, Gra91, NO91]. **source** [Ste08, Ste13]. **South** [HY14]. **Sparse** [MP10]. **Special** [Bos01, Gra91, Bro06]. **split** [Tay06]. **sporadic** [DL02]. **Straightening** [MW91]. **strategies** [Hav91]. **structures** [BCM94, Kid10]. **study** [Sla91]. **Studying** [Ste06]. **subalgebras** [Car06b]. **subgroups** [DI91, JR91]. **Support** [Car06a]. **surfaces** [Bro06]. **Swinnerton** [Ste06]. **Swinnerton-Dyer** [Ste06]. **Sylow** [JR91]. **Symbolic** [ACM94, Jef08, LMS07, LMRS08, Wat91, Ano84]. **symplectic** [Gra91]. **Symposium** [ACM94, Jef08, Wat91]. **Synthetic** [SW91]. **System** [CP97, BCP97, CP96]. **Systems** [Ano84, DGW+03, GKW03, LW99, Wes99].

tables [DI91]. **teaching** [CR84]. **ternary** [Bru06]. **Tesla** [Ste15]. **testing** [Geb06]. **Their** [Ano84]. **theorems** [LW03a, LW03b]. **Theory** [Bos01, CDFW10, Sme14, Bos06, CR84, Fie06, JM08, PN13, Sch91]. **third** [FvdHJT10, Ano91]. **Tool** [CDFW10]. **tools** [Sch91]. **tori** [KOT22]. **transitive** [Roy91]. **tutorial** [DKS09].

Unifying [ES10]. **Unitals** [Key01]. **United** [ACM94]. **Universität** [Ano91]. **user** [BCP97]. **Users** [Ano91]. **Using** [CP97, Ste06].

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Wiedemann [Ste15]. **Wielandt** [NO91]. **workshop** [GMV05].

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