References

[1] Alberto Abad and Felix San-Juan. Pspclink: A cooperation between general symbolic and poisson series processors. *J. Symbolic Computation*, 24(1):113–122, 1997.

[2] Wieb Bosma, John Cannon, and Catherine Playoust. The magma algebra system i: The user language. *J. Symbolic Computation*, 24(3-4):235–265, 1997.

[3] Wieb Bosma, John Cannon, and Allan Steel. Lattices of compatibly embedded finite fields. *J. Symbolic Computation*, 24(3-4):351–369, 1997.

[4] John J. Cannon, Bruce C. Cox, and Derek F. Holt. Computing sylow subgroups in permutation groups. *J. Symbolic Computation*, 24(3-4):303–316, 1997.

[5] John J. Cannon and Derek F. Holt. Computing chief series, composition series and socles in large permutation groups. *J. Symbolic Computation*, 24(3-4):285–301, 1997.

[6] Jon F. Carlson, Edward L. Green, and Gerhard J.A. Schnieder. Computing ext algebras for finite groups. *J. Symbolic Computation*, 24(3-4):317–325, 1997.

[7] H. Cohen, F. Diaz y Diaz, and M. Olivier. Subexponential algorithms for class group and unit computations. *J. Symbolic Computation*, 24(3-4):433–441, 1997.

[8] S. Collart, M. Kalkbrener, and D. Mall. Converting bases with the gröbner walk. *J. Symbolic Computation*, 24(3-4):465–469, 1997.

[9] Stéphane Collart and Daniel Mall. Toric degenerations of polynomial ideals and geometric localization of fans. *J. Symbolic Computation*, 24(3-4):443–464, 1997.

[10] Gene Cooperman, Larry Finkelstein, Michael Tselman, and Bryant York. Constructing permutation representations for matrix groups. *J. Symbolic Computation*, 24(3-4):471–488, 1997.

[11] Annie Cuyt. Floating-point versus symbolic computations in the qd-algorithm. *J. Symbolic Computation*, 24(6):695–703, 1997.

[12] M. Daberkow. Computing with subfields. *J. Symbolic Computation*, 24(3-4):371–384, 1997.

[13] M. Daberkow, C. Fieker, J. Klüners, M. Pohst, K. Roegner, M. Schörnig, and K. Wildanger. Kant v4. *J. Symbolic Computation*, 24(3-4):267–283, 1997.

[14] Jean-Pierre Dedieu. Estimations for the separation number of a polynomial system. *J. Symbolic Computation*, 24(6):683–693, 1997.

[15] Andreas Dolzmann and Thomas Sturm. Simplification of quantifier-free formulae over ordered fields. *J. Symbolic Computation*, 24(2):209–231, 1997.

[16] Peter Dorato, Wei Yang, and Chaouki Abdallah. Robust multi-objective feedback design by quantifier elimination. *J. Symbolic Computation*, 24(2):153–159, 1997.

[17] Patrick Fitzpatrick. Solving a multivariable congruence by change of term order. *J. Symbolic Computation*, 24(5):575–589, 1997.

[18] Ünal Göktaş and Willy Hereman. Symbolic computation of conserved densities for systems of nonlinear evolution equations. *J. Symbolic Computation*, 24(5):591–621, 1997.

[19] George Havas and Bohdan S. Majewski. Integer matrix diagonalization. *J. Symbolic Computation*, 24(3-4):399–408, 1997.

[20] D.F. Holt, W. Plesken, and B. Souvignier. Constructing a representation of the group (2,3,7;11). *J. Symbolic Computation*, 24(3-4):489–492, 1997.

[21] Hoon Hong, Richard Liska, and Stanly Steinberg. Testing stability by quantifier elimination. *J. Symbolic Computation*, 24(2):161–187, 1997.

[22] V. Hribernig and H.J. Stetter. Detection and validation of clusters of polynomial zeros. *J. Symbolic Computation*, 24(6):667–681, 1997.

[23] D.J. Jeffrey. Rectifying transformations for the integration of rational trigonometric functions. *J. Symbolic Computation*, 24(5):563–573, 1997.

[24] Mats Jirstrand. Nonlinear control system design by quantifier elimination. *J. Symbolic Computation*, 24(2):137–152, 1997.

[25] Michael Kalkbrener. On the stability of gröbner bases under specializations. *J. Symbolic Computation*, 24(1):51–58, 1997.

[26] Jürgen Klüners and Michael Pohst. On computing subfields. *J. Symbolic Computation*, 24(3-4):385–397, 1997.

[27] Dexter Kozen and Kjartan Stefánsson. Computing the newtonian graph. *J. Symbolic Computation*, 24(2):125–136, 1997.

[28] Yiu-Kwong Man and Malcolm A.H. MacCallum. A rational approach to the prelle-singer algorithm. *J. Symbolic Computation*, 24(1):31–43, 1997.

[29] Scott McCallum. On testing a bivariate polynomial for analytic reducibility. *J. Symbolic Computation*, 24(5):509–535, 1997.

[30] Thom Mulders. A note on subresultants and the lazard/rioboo/trager formula in rational function integration. *J. Symbolic Computation*, 24(1):45–50, 1997.

[31] Nicolas Peltier. Increasing model building capabilities by constraint solving on terms with integer exponents. *J. Symbolic Computation*, 24(1):59–101, 1997.

[32] W. Plesken and B. Souvignier. Analysing finitely presented groups by constructing representations. *J. Symbolic Computation*, 24(3-4):335–349, 1997.

[33] W. Plesken and B. Souvignier. Computing isometries of lattices. *J. Symbolic Computation*, 24(3-4):327–334, 1997.

[34] Michael E. Pohst. On validated computing in algebraic number fields. *J. Symbolic Computation*, 24(6):657–665, 1997.

[35] Daniel Richardson. How to recognize zero. *J. Symbolic Computation*, 24(6):627–645, 1997.

[36] Ivan I. Shevchenko. Numeric deduction in symbolic computation — application to normalizing transformations. *J. Symbolic Computation*, 24(1):103–111, 1997.

[37] Allan Steel. A new algorithm for the computation of canonical forms of matrices over fields. *J. Symbolic Computation*, 24(3-4):409–432, 1997.

[38] Adam Wojciech Strzeboński. Computing in the field of complex algebraic numbers. *J. Symbolic Computation*, 24(6):647–656, 1997.

[39] Ibrahim A.I. Suleiman and Robert A. Wilson. The 2-modular characters of conway's third group co_3. *J. Symbolic Computation*, 24(3-4):493–506, 1997.

[40] Akmal A. Vakhidov and Nickolay N. Vasiliev. A new approach for analytical computation of hamiltonian of a satellite perturbed motion. *J. Symbolic Computation*, 24(6):705–710, 1997.

[41] Mark van Hoeij. Factorization of differential operators with rational functions coefficients. *J. Symbolic Computation*, 24(5):537–561, 1997.

[42] Mark van Hoeij. Formal solutions and factorization of differential operators with power series coefficients. *J. Symbolic Computation*, 24(1):1–30, 1997.

[43] Volker Weispfenning. Simulation and optimization by quantifier elimination. *J. Symbolic Computation*, 24(2):189–208, 1997.