

List of Publications

1. M. Domokos, Goldie's Theorems for involution rings, *Commun. Algebra* 22 (1994), 371–380.
2. M. Domokos, Eulerian polynomial identities and algebras satisfying a standard identity, *J. Algebra* 169,(1994), 913–928.
3. M. Domokos, On algebras satisfying symmetric identities, *Archiv der Mathematik* 63 (1994), 407–413, Correction, *ibid.* 64 (1995), 552.
4. M. Domokos, New identities for 3×3 matrices, *Lin. Multilin. Algebra* 38 (1995), 207–213.
5. M. Domokos, A generalization of a theorem of Chang, *Commun. Algebra* 23 (1995), 4333–4342.
6. M. Domokos, Criteria for vanishing of Eulerian polynomials on $n \times n$ matrices, *Lin. Algebra Appl.* 234 (1996) 181–195.
7. M. Domokos, Relatively free invariant algebras of finite reflection groups, *Trans. Amer. Math. Soc.* 348 (1996), 2217–2233.
8. M. Domokos, A. Popov, On the degree of nilpotency of the radical of relatively free algebras, *Math. Pannonica* (1997), 11–16.
9. M. Domokos, Invariants of quivers and wreath products, *Commun. Algebra* 26(9) (1998), 2807–2819.
10. M. Domokos, V. Drensky, A Hilbert-Nagata theorem in noncommutative invariant theory, *Trans. Amer. Math. Soc.* 350(7) (1998), 2797–2811.
11. M. Domokos, Cayley-Hamilton theorem for 2×2 matrices over the Grassmann algebra, *Journal of Pure and Applied Algebra* 133 (1998),69–81.
12. M. Domokos, Polynomial ideals and identities of matrices, "Methods in Ring Theory", *Lecture Notes in Pure and Applied Mathematics* 198, (1998) Marcel Dekker, 83–95.
13. M. Domokos, Gröbner bases of certain determinantal ideals, *Beitr. Algebra Geom.* 40 (1999), 479–493.
14. M. Domokos, P. Hegedűs, Noether's bound for polynomial invariants of finite groups, *Arch. Math.* 74 (2000), 161–167.
15. M. Domokos: Relative invariants of 3×3 matrix triples, *Lin. Multilin. Algebra* 47 (2000), 175–190.
16. M. Domokos, H. Lenzing, Invariant theory of canonical algebras, *J. Algebra* 228 (2000), 738–762.

17. M. Domokos, Poincaré series of semi-invariants of 2×2 matrices, *Lin. Algebra Appl.* 310 (2000), 183–194.
18. M. Domokos, A. N. Zubkov, Semi-invariants of quivers as determinants, *Transform. Groups* 6, No. 1 (2001), 9–24.
19. M. Domokos, V. Drensky: Gröbner bases for the rings of special orthogonal and 2×2 matrix invariants, *J. Algebra* 243 (2001), 706–716.
20. M. Domokos, Invariant theory of algebra representations, pp. 47–61 in *Algebra - Representation Theory, Constanta 2000* (ed. K. W. Roggenkamp and M. Stefanescu), NATO Science Series II. Mathematics, Physics and Chemistry 28, 2001, Kluwer.
21. M. Domokos, A. N. Zubkov, Semisimple representations of quivers in characteristic p , *Algebr. Represent. Theory* 5 (2002), 305–317.
22. M. Domokos, H. Lenzing, Moduli spaces for representations of concealed-canonical algebras, *J. Algebra* 251 (2002), 1–24.
23. M. Domokos, Relative invariants for representations of finite dimensional algebras, *Manuscr. Math.* 108 (2002), 123–133.
24. M. Domokos, Finite generating system of matrix invariants, *Math. Pannonica* 13 (2002), 175–181.
25. M. Domokos, S. G. Kuzmin, A. N. Zubkov, Rings of matrix invariants in positive characteristic, *J. Pure Appl. Alg.* 176 (2002), 61–80.
26. M. Domokos, On the dimension of faithful modules over finite dimensional basic algebras, *Lin. Alg. Appl.* 365 (2003), 155–157.
27. M. Domokos, T. H. Lenagan, Conjugation coinvariants of quantum matrices, *Bull. London Math. Soc.* 35 (2003), 117–127.
28. M. Domokos: Matrix invariants and the failure of Weyl’s theorem, in “Polynomial Identities and Combinatorial Methods” (ed. A. Giambruno, A. Regev, M. Zaicev), *Lecture Notes in Pure and Applied Mathematics* 235 (2003), 215–236, Marcel Dekker.
29. M. Domokos, R. Fiorese, T. H. Lenagan, Orbits for the adjoint coaction on quantum matrices, *J. Geom. Phys.* 47 (2003), 447–468.
30. M. Domokos, T. H. Lenagan, Weakly multiplicative coactions of quantized function algebras, *J. Pure Appl. Alg.* 183 (2003), 45–60.
31. M. Domokos, P. E. Frenkel, On orthogonal invariants in characteristic 2, *J. Algebra* 274 (2004), 662–688.

32. M. Domokos, T. H. Lenagan, Representation rings of quantum groups, *J. Algebra* 282 (2004), 103-128.
33. M. Domokos, P. E. Frenkel, Mod 2 indecomposable orthogonal invariants, *Adv. Math.* 192 (2005), 209-217.
34. M. Domokos, T. H. Lenagan, Quantized trace rings, *Quart. J. Math.* 56 (2005), 507-523.
35. M. Domokos, A quantum homogeneous space of nilpotent matrices, *Lett. Math. Phys.* 72 (2005), 39-50.
36. M. Domokos, Typical separating invariants, *Transform. Groups* 12 (2007), 49-63.