

List of papers by László Márki

1. On a characterization of sums in certain categories
Period. Math. Hungar. 1 (1971), 93-95.
2. On a problem of type Wiener-Lévy (in Hungarian)
Mat. Lapok 22 (1971), 303-306.
3. Non-archimedean analysis, I (in Hungarian)
Mat. Lapok 24 (1973), 283-309.
4. On the theory of local rings, I (in Hungarian, with W.Vogel)
MTA III. Oszt. Közl. 22 (1973), 55-78.
5. On the theory of local rings, II (in Hungarian, with W.Vogel)
MTA III. Oszt. Közl. 23 (1974), 69-100.
6. A generalization of Green's relations in semigroups (with O.Steinfeld)
Semigroup Forum 7 (1974), 74-85.
7. On locally regular Rees matrix semigroups
Acta Sci. Math. 37 (1975), 95-108. Corr. 38 (1976), 205.
8. Über einige Vollständigkeitsbegriffe in Halbgruppen und Gruppen
Acta Math. Acad. Sci. Hungar. 26 (1975), 343-346.
9. Radicals and decomposability of semigroups and rings (with P.N.Stewart and R.Wiegandt)
Annales Univ. Sci. Budapest. Sect. Math. 18 (1975), 27-36.
10. Interpolation and best polynomial approximation in the domain of p-adic integers (with J.Szabados)
Analysis Math. 2 (1976), 277-285.
11. Structure theorems on certain regular and inverse semigroups
Czechoslovak Math. J. 27 (1977), 388-393.
12. Verallgemeinerter Summenbegriff in der p-adischen Analysis mit Anwendung auf die endlichen p-Gruppen (with L.Rédei)
Publ. Math. (Debrecen) 24 (1977), 101-106.
13. Müntz-Jackson type theorems via interpolation (with G.Somorjai and J.Szabados)
Acta Math. Acad. Sci. Hungar. 29 (1977), 185-191.
14. Remarks on B.A.Rogozin's paper "Asymptotics of the coefficients in the Lévy-Wiener theorems on absolutely convergent trigonometric series" (in Russian)
Sibirsk. Mat. Zh. 18 (1977), 944-946.
15. Free monoids and strict radicals (with R.Mlitz)
Studia Sci. Math. Hungar. 13 (1978), 225-228.
16. Radical semisimple classes and varieties of semigroups with zero
Algebraic Theory of Semigroups (Proc. Colloq. Szeged, 1976), 357-369. Colloq. Math. Soc. J.Bolyai, 20, North-Holland, Amsterdam, 1979.

17. Reduced products in categories (with H.Andréka, E.Makai,jr., and I.Németi)
Contributions to General Algebra (Proc. Conf. Klagenfurt, 1978), 25-45. Verlag J.Heyn, Klagenfurt, 1979.
18. Remarks on a paper of L.Szabó and A.Szendrei (with H.K.Kaiser)
Acta Sci. Math. 42 (1980), 95-98.
19. Strict radicals of monoids (with R.Mlitz and R.Strecker)
Semigroup Forum 21 (1980), 27-66.
20. On semisimple classes of semigroups with zero (with R.Wiegandt)
Semigroups (Proc. Conf. Oberwolfach, 1978), 55-72. Lecture Notes in Math. 855, Springer, Berlin, 1981.
21. An elementary approach to polynomial interpolation in universal algebras (with E.Fried and H.K.Kaiser)
Algebra Universalis 15 (1982), 40-57.
22. Remarks on radicals in categories (with R.Wiegandt)
Category Theory. Applications to Algebra, Logic and Topology (Proc. Conf. Gummersbach, 1981), 190-196. Lecture Notes in Math., 962, Springer, Berlin, 1982.
23. Categorical algebraic properties. A compendium on amalgamation, congruence extension, epimorphisms, residual smallness, and injectivity (with E.W.Kiss, P.Pröhle and W.Tholen)
Studia Sci. Math. Hungar. 18 (1983), 79-141.
24. Rees matrix rings (with P.N.Ánh)
J. Algebra 81 (1983), 340-369.
25. Affine complete semilattices (with K.Kaarli and E.T.Schmidt)
Monatsh. Math. 99 (1985), 297-309.
26. Morita equivalence for rings without identity (with P.N.Ánh)
Tsukuba Math. J. 11 (1987), 1-16.
27. Basic concepts of Kurosh–Amitsur radicals in various structures, A historical survey (with R.Wiegandt)
Contributions to General Algebra, 4 (Proc. Conf. Krems, 1985), 111-124. Hölder-Pichler-Tempsky, Wien, 1987.
28. A note on radical and semisimple classes of topological rings (with R.Mlitz and R.Wiegandt)
Acta Sci. Math. 51 (1987), 145-151.
29. A general Kurosh–Amitsur radical theory (with R.Mlitz and R.Wiegandt)
Commun. Algebra 16 (1988), 249-305.
30. A Rees matrix construction without regularity (with O.Steinfeld)
Contributions to General Algebra, 6, pp.197-202. Hölder-Pichler-Tempsky, Wien, 1988.
31. Left orders in regular rings with minimum condition for principal one-sided ideals (with P.N.Ánh)
Math. Proc. Camb. Phil. Soc. 109 (1991), 323-333.
32. A topological approach to Morita equivalence for rings with local units (with G.D.Abrams and P.N.Ánh)
Rocky Mountain J. Math. 22 (1992), 405-416.

33. Left orders in strongly regular rings (with P.N.Ánh)
Proc. Royal Soc. Edinburgh Ser.A 123 (1993), 303-310.
34. Endoprimal distributive lattices (with R.Pöschel)
Algebra Universalis 30 (1993), 272-274.
35. A general theory of Fountain–Gould quotient rings (with P.N.Ánh)
Math. Slovaca 44 (1994), 225-235.
36. Left orders in right perfect rings with local units (with P.N.Ánh)
Acta Sci. Math. 59 (1994), 3-15.
37. Radicals of rings and pullbacks (with G. Janelidze)
J. Pure Appl. Algebra 97 (1994), 29-36.
38. Affine complete commutative inverse semigroups (with K. Kaarli)
Algebra Colloquium 2 (1995), 51-78.
- 38a. Affine complete commutative inverse semigroups (with K. Kaarli)
Semigroups: Algebraic Theory and Applications to Formal Languages and Codes (Proc. Conf. Luino, 1992), pp. 144-151. World Scientific, Singapore, 1993.
39. Orders in primitive rings with non-zero socle and Posner's Theorem (with P.N.Ánh)
Commun. Algebra 24 (1996), 289-294.
40. Left orders in completely 0-simple semigroups (with P.N.Ánh and J.Fountain)
Semigroup Forum 53 (1996), 114-128.
41. Completely 0-simple semigroups of left quotients of a semigroup (with P.N.Ánh and V.Gould)
Internat. J. Alg. Comput. 6 (1996), 143-153.
42. On Martindale's Theorem (with P.N.Ánh)
Rocky Mountain J. Math. 26 (1996), 481-483.
43. Locally semisimple coverings (with G.Janelidze and W.Tholen)
J. Pure Appl. Algebra 128 (1998), 281-289.
44. Endoprimal abelian groups (with K.Kaarli)
J. Austral. Math. Soc. (Ser.A) 67 (1999), 412-428.
45. Enlargements and coverings by Rees matrix semigroups (with M.V.Lawson)
Monatsh. Math. 129 (2000), 191-195.
46. Brown-McCoy radicals for general near-rings (with R.Mlitz and R.Wiegandt)
Quaest. Math. 24 (2001), 481-490.
47. Semi-abelian categories (with G.Janelidze and W.Tholen)
J. Pure Appl. Algebra 168 (2002), 367-378.
48. Kurosh–Amitsur radicals via a weakened Galois connection (with G.Janelidze)
Commun. Algebra 31 (2003), 241-258.

49. Moore–Penrose localisation (with P.N.Ánh)
J. Algebra Appl. 3 (2004), 1-8.
50. Endoprimal torsion-free separable abelian groups (with R.Göbel, K.Kaarli, and S.L.Wallutis)
J. Algebra Appl. 3 (2004), 61-73.
51. Endoprimal abelian groups of torsion-free rank 1 (with K.Kaarli)
Rend. Semin. Mat. Univ. Padova 112 (2004), 117-130.
52. Endoprimal algebras (with K.Kaarli)
Structural Theory of Automata, Semigroups, and Universal Algebra (Proc. NATO ASI, Montreal, 2003; eds. V.B.Kudryavtsev and I.G.Rosenberg), pp. 169-180. Springer, Dordrecht, 2005.
53. Primitive involution rings (with K.Beidar, R.Mlitz, and R.Wiegandt)
Acta Math. Hungar. 109 (2005), 357-368.
54. Ideals and clots in universal algebra and in semi-abelian categories (with G.Janelidze and A.Ursini)
J. Algebra 307 (2007), 191-208.
55. Limit preservation properties of the greatest semilattice image functor (with G.Janelidze and V.Laan)
Internat. J. Alg. Comput. 18 (2008), 853-867.
- 55a. Limit preservation properties of the greatest semilattice image functor on semigroups (with G.Janelidze and V.Laan)
Semigroups and Applications (Proc. Symp. Trivandrum, 2006), pp. 26-36. University of Kerala, 2007.
56. Ideals and clots in pointed regular categories (with G.Janelidze and A.Ursini)
Appl. Categ. Struct. 17 (2009), 345-350.
57. A simplicial approach to factorization systems and Kurosh–Amitsur radicals (with G.Janelidze)
J. Pure Appl. Algebra 213 (2009), 2229-2237.
58. A characterization of the inverse monoid of bi-congruences of certain algebras (with K.Kaarli)
Internat. J. Alg. Comput. 19 (2009) (to appear)

Other publications:

- 1'. Radical Theory (Proc. Conf. Eger, 1982; eds. L.Márki and R.Wiegandt)
Colloq. Math. Soc. J. Bolyai, 38, North-Holland, Amsterdam, 1985.
- 2'. Theory of Radicals (Proc. Conf. Szekszárd, 1991; eds. L.Márki and R.Wiegandt)
Colloq. Math. Soc. J. Bolyai, 61, North-Holland, Amsterdam, 1993.
- 3'. Trends in Ring Theory (Proc. Conf. Miskolc, 1996; eds. V. Dlab and L. Márki)
CMS Conference Proceedings, 22, Amer. Math. Soc., Providence, 1997.
- 4'. Short review of the work of László Rédei (with O.Steinfeld and J.Szép)
Studia Sci. Math. Hungar. 16 (1981), 3-14.
- 5'. A tribute to L.Rédei
Semigroup Forum 32 (1985), 1-21.

- 6'. Ottó Steinfeld (1924-1990)
Semigroup Forum 43 (1991), 127-134.
- 7'. Hans-Jürgen Hoehnke (with R.Pöschel and H.-J.Vogel)
Semigroup Forum 52 (1996), 112-118.
- 8'. History of the conferences on radical theory (with R. Wiegandt)
Algebra Discr. Math. 2007, no. 3, 1-10.
- 9'. Problems raised at the Conference on Universal Algebra, Visegrád, 1982
Studia Sci. Math. Hungar. 19 (1984), 363-365.
- 10'. Problems raised at the Colloquium on Semigroups, Szeged, 1987
Semigroup Forum 37 (1988), 367-373.