

## REFERENCES

- [1] W. W. Adams, The algebraic independence of certain Liouville continued fractions, *Proc. Amer. Math. Soc.* **95(4)**(1985), 512–516.
- [2] G. Bachman, *Introduction to  $p$ -adic Numbers and Valuation Theory*, Academic Press Inc., New York, 1964.
- [3] P. Bundschuh, Transcendental continued fractions, *J. Number Theory* **18**(1984), 91–98.
- [4] L. Carlitz, On certain functions connected with polynomials in a Galois field, *Duke Math. J.* **1**(1935), 137–168.
- [5] T. Chaichana, Explicit palindromic continued fractions with known series expansions, Analytic Number Theory-through Value Distribution and other Properties of Analytic Functions, Kyoto Univ., Japan, October 4–8, 2010.
- [6] T. Chaichana and V. Laohakosol, Independence of continued fractions in the field of Laurent series, *Period. Math. Hungar.* **55(1)**(2007), 35–59.
- [7] T. Chaichana, V. Laohakosol and A. Harnchoowong, Linear independence of continued fractions in the field of formal series over a finite field, *Thai J. Math.* **4(1)**(2006), 163–177.
- [8] H. Cohn, Symmetry and specializability in continued fractions, *Acta Arith.* **75**(1996), 297–320.
- [9] L. Euler, De fractionibus continuis dissertation, *Comm. Acad. Sci. Petr.* **9**(1737), 98–137.
- [10] A. H. Fan, B. W. Wang and J. Wu, Arithmetic and metric properties of Oppenheim continued fraction expansions, *J. Number Theory* **127**(2007), 64–82.
- [11] J. Hančl, Linear independence of continued fractions, *J. Théor. Nombres Bordeaux* **14**(2002), 489–495.
- [12] Y. Hartono, C. Kraaikamp and F. Sweigler, Algebraic and ergodic properties of a new continued fraction algorithm with non-decreasing partial quotients, *J. Théor. Nombres Bordeaux* **14**(2002), 497–516.
- [13] G. Köhler, Some more predictable continued fractions, *Mh. Math.* **89**(1980), 95–100.
- [14] V. Laohakosol and P. Ubolsri, Some algebraically independent continued fractions, *Proc. Amer. Math. Soc.* **95(2)**(1985), 169–173.

- [15] V. Laohakosol and P. Ubolsri,  $p$ -adic continued fractions of Liouville type, *Proc. Amer. Math. Soc.* **101**(1987), 403–410.
- [16] V. Laohakosol and P. Vichitkunakorn, A non-regular continued fraction and its characterization property, *Chamchuri J. Math.* **1**(1)(2009), 81–86.
- [17] P. J. McCarthy, *Algebraic Extension of Fields*, Dover, New York, 1991.
- [18] J. Mc Laughlin, Symmetry and specializability in the continued fraction expansions of some infinite products, *J. Number Theory* **127**(2007), 184–219.
- [19] M. Mendés France, Sur les fractions continues limitées, *Acta Arith.* **23**(1973), 207–215.
- [20] A. Petho, Simple continued fractions for the Fredholm numbers, *J. Number Theory* **14**(1982), 232–236.
- [21] P. Riyapan, V. Laohakosol and T. Chaichana, Two types of explicit continued fractions, *Period. Math. Hungarica* **52**(2)(2006), 51–72.
- [22] L. J. Rogers, On the representation of certain asymptotic series as convergent continued fractions, *Proc. London Math. Soc.* **4**(2)(1907), 72–89.
- [23] A. A. Ruban, Some metric properties of  $p$ -adic numbers, *Sibirsk. Mat. Ž.* **11**(1970), 222–227. English translation: *Siberian Math. J.* **11**(1970), 176–180.
- [24] W. M. Schmidt, On continued fractions and diophantine approximation in power series fields, *Acta Arith.* **95**(2000), 139–166.
- [25] Th. Schneider, Über  $p$ -adische kettenbrüche, *Symposia Mathematica* **4**(1970), 181–189.
- [26] J. O. Shallit, Simple continued fractions for some irrational numbers, *J. Number Theory* **11**(1979), 209–217.
- [27] J. O. Shallit, Simple continued fractions for some irrational numbers II, *J. Number Theory* **14**(1982), 228–264.
- [28] J. Tamura, Symmetric continued fractions related to certain series, *J. Number Theory* **38**(1991), 251–264.
- [29] D. Thakur, Continued fraction for the exponential for  $\mathbb{F}_q[T]$ , *J. Number Theory* **41**(1992), 150–155.
- [30] D. Thakur, Exponential and continued fractions, *J. Number Theory* **59**(1996), 248–261.
- [31] S. Uchiyama, Rational approximation to algebraic functions, *J. Fac. Sci. Hokkaido Univ.* **15**(1961), 173–192.

- [32] A. J. Van der Poorten, Symmetry and folding of continued fractions, *Jour. Théorie des Nombres de Bordeaux* **14**(2002), 603–611.
- [33] A. J. Van der Poorten and J. O. Shallit, Folded continued fractions, *J. Number Theory* **40**(1992), 237–250.
- [34] A. J. Van der Poorten and J. O. Shallit, A specialised continued fraction, *Canad. J. Math.* **45**(1993), 1067–1079.
- [35] J. Wallis, *Arithmetica Infinitorum*, Oxford, England, 1656.

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