

## LIST OF PUBLICATIONS OF BUI MINH PHONG

- [1] On the connection between the rank of apparition of a prime  $p$  in Fibonacci sequence and the Fibonacci primitive roots, *Fibonacci Quart.*, **15** (4) (1977), 347-349. (with P. Kiss)
- [2] On a function concerning second-order recurrences, *Annales Univ. Sci. Budapest. Sect. Math.*, **21** (1978), 119-122. (with P. Kiss)
- [3] Divisibility properties in second order recurrences, *Publ. Math. Debrecen*, **26** (3-4) (1979), 187-197. (with P. Kiss)
- [4] A generalization of A. Makowski's theorem on pseudoprime numbers, *Tap chi Toan hoc*, **7** (1979), 16-19. (in Vietnamese).
- [5] On Lucas pseudoprimes which are products of  $s$  primes, *Fibonacci numbers and their applications, Patras, 1984, Math. Appl.*, **28**, Reidel, Dordrecht, 1986, 131-139. (with P. Kiss and E. Liewens)
- [6] Lucas- és Lehmer-pszeudoprím számokról, *Mat. Lapok*, **33** (1-3) (1982/86), 79-92. (On Lucas and Lehmer pseudoprime numbers) (Hungarian)
- [7] On super pseudoprimes which are products of three primes, *Annales Univ. Sci. Budapest. Sect. Math.*, **30** (1987), 125-129.
- [8] Kapcsolatok a különböző típusú Lucas pszeudoprímek között, *Tudományos Közl. Eger*, (1987), 55-67. (Connections between Lucas pseudoprimes of different types (in Hungarian))
- [9] On a problem of A. Rotkiewicz, *Math. Comp.*, **48** (1987), 751-755. (with P. Kiss)
- [10] Rotkiewicz egy problémájának általánosított megoldása, *Mat. Lapok*, **34** (1-3) (1987), 109-119. Generalized solution of Rotkiewicz's problem (in Hungarian)
- [11] *Lehmer sorozatok és Lehmer pszeudoprím számok*, kandidátusi értekezés, Budapest, 1987. (*Lehmer sequences and Lehmer pseudoprime numbers* (in Hungarian), Candidate of Sciences Thesis)
- [12] Multiplicative functions satisfying a congruence property, *Proceedings of the Regional Mathematical Conference, Kalsk, 1988*, Pedagog. Univ. Zielona Góra, Zielona Góra, 1990, 71-72.

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- [13] On super Lucas and super Lehmer pseudoprimes, *Studia Sci. Math. Hungar.*, **23** (3-4) (1988), 435-442.
  - [14] On two Diophantine equations concerning Lucas sequences, *Publ. Math. Debrecen*, **35** (3-4) (1988), 301-307. (with I. Joó)
  - [15] Weakly composite Lucas numbers, *Annales Univ. Sci. Budapest. Sect. Math.*, **31** (1988), 179-182. (with P. Kiss)
  - [16] The reciprocal sum of prime divisors of Lucas numbers, *Tudományos Közl. Eger*, (1989), 47-54. (with P. Kiss)
  - [17] On super Lehmer pseudoprimes, *Studia Sci. Math. Hungar.*, **25** (1-2) (1990), 121-124. (with I. Joó)
  - [18] Multiplicative functions satisfying a congruence property II., *Annales Univ. Sci. Budapest. Sect. Math.*, **33** (1990), 253-259.
  - [19] Note on multiplicative functions satisfying a congruence property, *Annales Univ. Sci. Budapest. Sect. Math.*, **33** (1990), 261-265. (with J. Fehér)
  - [20] Note on a theorem of J.-L. Maclaure and Leo Murata on multiplicative functions, *Annales Univ. Sci. Budapest. Sect. Math.*, **33** (1990), 247-251.
  - [21] Multiplicative functions satisfying a congruence property, *Studia Sci. Math. Hungar.*, **26** (1) (1991), 123-128.
  - [22] Multiplicative functions satisfying a congruence property III., *Publ. Math. Debrecen*, **39** (1-2) (1991), 149-153.
  - [23] Lucas primitive roots, *Fibonacci Quart.*, **29** (1) (1991), 66-71.
  - [24] On generalized Lehmer sequences, *Acta Math. Hungar.*, **57** (3-4) (1991), 201-211.
  - [25] Characterization of additive functions with values in a compact abelian group, *Publ. Math. Debrecen*, **40** (3-4) (1992), 273-278.
  - [26] On additive functions with values in a compact abelian group, *Acta Sci. Math. Szeged*, **56** (3-4) (1992), 249-258.
  - [27] On a theorem of Kátai-Wirsing, *Acta Sci. Math. Szeged*, **56** (3-4) (1992), 237-247.
  - [28] A note on multiplicative functions with regularity properties, *Publ. Math. Debrecen*, **41** (1-2) (1992), 117-125.
  - [29] Quadratic residues and related problems, *Annales Univ. Sci. Budapest. Sect. Comp.*, **13** (1992), 149-155. (with J.P. Jones)
  - [30] Arithmetic functions with regularity properties, *Österreichisch-Ungarisch-Slowakisches Kolloquium über Zahlentheorie, Maria Trost, 1992*, Karl-Franzens-Univ. Graz, *Grazer Math. Ber.* **318** (1993), 121-130.

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- [37] Characterizations of the logarithm as an additive function, *Annales Univ. Sci. Budapest. Sect. Comp.*, **16** (1996), 45-67.
- [38] A new characteristic of the identity function, *J. Number Theory*, **63** (2) (1997), 325-338. (with J.-M. De Koninck and I. Kátai)
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- [40] On some pairs of multiplicative functions correlated by an equation, *New trends in probability and statistics, Vol. 4, Palanga, 1996*, VSP, Utrecht, 1997, 191-203. (with I. Kátai)
- [41] Multiplicative functions with regularity properties, *Leaflets in Mathematics, Pécs*, 1998, 79-83.
- [42] On multiplicative functions satisfying a special relation, *Acta Sci. Math. Szeged*, **64** (1-2) (1998), 49-57. (with J. Fehér and I. Kátai)
- [43] Quasi-multiplicative functions with congruence property, *Acta Acad. Paedagog. Agriensis Sect. Mat. (N.S.)*, **25** (1998), 55-59.
- [44] Note on multiplicative functions satisfying congruence property II., *Math. Pannon.*, **10** (1) (1999), 133-138. (with J. Fehér)
- [45] Reduced residue systems and a problem for multiplicative functions, *Annales Univ. Sci. Budapest. Sect. Comp.*, **18** (1999), 35-46.
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- [52] On a problem of Fabrykowski and Subbarao concerning quasi multiplicative functions satisfying a congruence property, *Acta Math. Hungar.*, **89** (1-2) (2000), 149-159. (with J. Fehér)
- [53] Reduced residue systems and a problem for multiplicative functions II., *Annales Univ. Sci. Budapest. Sect. Comp.*, **20** (2001), 97-106.
- [54] Multiplicative functions satisfying a congruence property IV., *Acta Acad. Paedagog. Agriensis Sect. Mat. (N.S.)*, **28** (2001), 35-42.
- [55] A characterization of some unimodular multiplicative functions II., *Annales Univ. Sci. Budapest. Sect. Comp.*, **21** (2002), 187-194.
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- [63] On integer-valued arithmetical functions satisfying congruence properties, *Annales Univ. Sci. Budapest. Sect. Comp.*, **27** (2007), 229-244.
- [64] On a problem of Kátai and Subbarao, *Analytic and probabilistic methods in number theory*, TEV, Vilnius, 2007, 143-149.

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- [66] A characterization of the identity function with functional equations, *Annales Univ. Sci. Budapest. Sect. Comp.*, **32** (2010), 247-252.
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- [71] On additive functions satisfying some relations, *Annales Univ. Sci. Budapest. Sect. Comp.*, **38** (2012), 257-268. (with K. Chakraborty and I. Kátai)
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