

CONTINUATION OF LIST OF PUBLICATIONS

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The first part appeared in Volume 28 (pp. 15–34), the second part appeared in Volume 40 (pp. 49–54) in *Annales Univ. Sci. Budapest., Sect. Comp.*.

- [392] The number of prime factors function on shifted primes and normal numbers, in: *Topics in Mathematical Analysis and Applications, Series: Springer Optimization and Its Applications*, Rassias, Themistocles M., Tóth, László (Eds.) Springer, Volume 94, 2014, 315–326. (with J.-M. De Koninck)
- [393] Normal numbers generated using the smallest prime factor function, *Annales mathématiques du Québec*, **38** (2014), No.2 (Dec), 133–144. (with J.-M. De Koninck)
- [394] Normal numbers and the middle prime factor of an integer, *Colloquium Mathematicum*, **135** (2014), No.1 (Jan), 69–77. (with J.-M. De Koninck)
- [395] Complex roots of unity and normal numbers, *Journal of Numbers*, Vol. 2014 (June), Article ID 437814, 4 pages. (with J.-M. De Koninck)
- [396] Constructing normal numbers using residues of selective prime factors of integers, *Annales Univ. Sci. Budapest. Sect. Comp.*, **42** (2014), 127–133. (with J. -M. De Koninck)
- [397] On the iterates of some multiplicative functions, *Annales Univ. Sci. Budapest., Sect. Comp.*, **43** (2014), 245–252. (with H. T. L. Giao and B. M. Phong)
- [398] Some results and problems in probabilistic number theory, *Annales Univ. Sci. Budapest., Sect. Comp.*, **43** (2014), 253–265. (with B. M. Phong and L. M. Thanh)
- [399] Research problems in number theory, *Annales Univ. Sci. Budapest., Sect. Comp.*, **43** (2014), 267–277. (with N. C. Hao and B. M. Phong)
- [400] Happy Birthday Feri, Happy Birthday Péter, *Annales Univ. Sci. Budapest., Sect. Comp.*, **43** (2014), 279–286.

- [401] Uniform distribution of some arithmetical functions, *Annales Univ. Sci. Budapest., Sect. Comp.*, **42** (2014), 209–218. (with B. M. Phong)
- [402] The functional equation $f(\mathcal{A} + \mathcal{B}) = g(\mathcal{A}) + h(\mathcal{B})$, *Annales Univ. Sci. Budapest., Sect. Comp.*, **43** (2014), 287–301. (with B. M. Phong)
- [403] On the multiplicative group generated by $\frac{[\sqrt{2}n]}{n}$, *Acta Math. Hungar.*, **145(1)** (2015), 80–87. (with B. M. Phong)
- [404] On the multiplicative group generated by $\frac{[\sqrt{2}n]}{n}$ IV., *Mathematica Panonica, Pécs*, **25/1** (2014–2015), 105–112. (with B. M. Phong)
- [405] Multidimensional sequences uniformly distributed modulo 1 created from normal numbers; in *Contemporary Mathematics*, Vol. 655, AMS, 2015, pp. 77–82. (with J.-M. De Koninck)
- [406] The number of large prime factors of integers and normal numbers, *Publications mathématiques de Besançon*, Année 2015, 5–12. (with J.-M. De Koninck)
- [407] On the convolution of the Liouville function under the existence of Siegel zeros, *Lithuanian Mathematical Journal*, **55** (2015), no. 3, July, 331–342. (with J.-M. De Koninck and L. Germán)
- [408] On the maximal exponent of the prime power divisor of integers, *Acta Univ. Sapientiae, Mathematica*, **7(1)** (2015), 27–34. (with B. M. Phong)
- [409] A consequence of the ternary Goldbach theorem, *Publ. Math. Debrecen*, **86** (2015), 465–471. (with B. M. Phong)
- [410] On the multiplicative group generated by $\frac{[\sqrt{2}n]}{n}$ II., *Acta Sci. Math. (Szeged)*, **81(3-4)** (2015), 431–436. (with B. M. Phong)
- [411] On the multiplicative group generated by $\frac{[\sqrt{2}n]}{n}$ III., *Acta Math. Hung.*, **147** (2015), 247–254. (with B. M. Phong)
- [412] On a property of non Liouville numbers, *Acta Cybernetica*, **22(2)** (2015), 335–347. (with J.-M. De Koninck)
- [413] Some relations among arithmetical functions, *Annales Univ. Sci. Budapest., Sect. Comp.*, **44** (2015), 49–57. (with B. M. Phong)
- [414] On the uniform distribution of certain sequences involving the Euler totient function and the sum of divisors function, *Annales Univ. Sci. Budapest., Sect. Comp.*, **44** (2015), 79–91. (with J.-M. De Koninck)

- [415] About an unsolved problems involving normal numbers, *Annales Univ. Sci. Budapest., Sect. Comp.*, **44** (2015), 227–232. (with J.-M. De Koninck)
- [416] Some unsolved problems on arithmetical functions, *Annales Univ. Sci. Budapest., Sect. Comp.*, **44** (2015), 233–235. (with B. M. Phong)
- [417] Prime factorization and normal numbers, *Researches in Mathematics and Mechanics*, **20(2)** (2015), 69–80. (with J.-M. De Koninck)
- [418] Shifted values of the largest prime factor function and its average value in short intervals, *Colloquium Mathematicum*, **143(1)** (2016), 39–62. (with J.-M. De Koninck)
- [419] The index of composition of the iterates of the Euler function, *Acta Mathematica Academiae Paedagogicae Nyiregyhaziensis*, **32(2)** (2016), 303–311. (with J.-M. De Koninck)
- [420] On strong normality, *Uniform Distribution Theory*, **11(1)** (2016), 59–78. (with J.-M. De Koninck and B. M. Phong)
- [421] Additive functions on the greedy and lazy Fibonacci expansions, *J. Sequence*, 19 (2016), 16.4.5, 1–12. (with K. Chakraborty and B. M. Phong)
- [422] On a functional equation on the set of Gaussian integers, *Acta Sci. Szeged*, **82** (2016), 443–450. (with B. M. Phong)
- [423] On convoluted sums, *Annales Univ. Budapest., Sect. Comp.*, **45** (2016), 75–87. (with J.-M. De Koninck)
- [424] Iterates of the sum of the unitary divisors of an integer, *Annales Univ. Budapest., Sect. Comp.*, **45** (2016), 101–110. (with J.-M. De Koninck)
- [425] On the k -fold iterates of the Euler totient function at shifted primes, *Annales Univ. Budapest., Sect. Comp.*, **45** (2016), 89–99. (with J.-M. De Koninck)
- [426] Multiplicative functions with small increment I., *Annales Univ. Sci. Budapest., Sect. Comp.*, **45** (2016), 261–267. (with K.-H. Indlekofer and B. M. Phong)
- [427] Multiplicative functions with small increment II., *Annales Univ. Sci. Budapest., Sect. Comp.*, **45** (2016), 269–276. (with K.-H. Indlekofer and B. M. Phong)
- [428] Some relations among multiplicative and q -additive functions, *Lithuanian Mathematical Journal*, **57(2)** (2017), 1–8. (with B. M. Phong)

- [429] On the k -fold iterate of the sum of divisors function, *Colloquium Mathematicum*, **147(2)** (2017), 247–255. (with J.-M. De Koninck)
- [430] Normal numbers in generalized number systems in Euclidean spaces, *Annales Univ. Sci. Budapest., Sect. Comp.*, **46** (2017), 15–25. (with J.-M. De Koninck)
- [431] On the distribution of the number of prime factors of the k -fold iterate of various arithmetic functions, *Annales Univ. Sci. Budapest., Sect. Comp.*, **46** (2017), 27–38. (with J.-M. De Koninck)
- [432] Multiplicative functions with small increments, *Annales Univ. Sci. Budapest., Sect. Comp.*, **46** (2017), 105–114. (with B. M. Phong)
- [433] On the equation $f(n^2) = g^2(n)$, *Annales Univ. Sci. Budapest., Sect. Comp.*, **46** (2017), 115–122. (with B. M. Phong)
- [434] Characterization of some multiplicative functions, *Annales Univ. Sci. Budapest., Sect. Comp.*, **46** (2017), 373–378. (with B. M. Phong)
- [435] On the number of prime factors of the k -fold iterate of the Euler function at consecutive arguments, in: *Analytic and Pprobabilistic Methods in Number Theory: Proceedings of the Second International Conference in Honour of J. Kubilius*, Palanga, Lithuania, 23–27 September 1996, Antanas Laurincikas, editor, 2017, pp.29–44. (with J.-M. De Koninck)
- [436] On the distribution of the difference of some arithmetic functions, *Bulletin of the Hellenic Mathematical Society*, accepté en janvier 2017 moyennant certaines corrections. (with J.-M. De Koninck)
- [437] On properties of strongly normal numbers and of non-Liouville numbers, *Annales mathématiques du Québec*, **42** (2018), 31–47. (with J.-M. De Koninck)
- [438] On additive arithmetical functions with values in topological groups. III, *Publ. Math. Debrecen*, (accepted). (with B. M. Phong)
- [439] On the multiplicative group generated by $\left\{ \frac{[\sqrt{2}n]}{n} \mid n \in \mathbb{N} \right\}$ V., *Lithuanian Mathematical Journal*, (submitted). (with B. M. Phong)
- [440] On the pairs of completely multiplicative functions satisfying some relation, *Acta Sci. Szeged*, (submitted). (with B. M. Phong)