

Badih Ghusayni

List of Publications

- 1) Integral representations of 2π - periodic and trigonometrically convex functions, Complex Variables, 14 (1990), 129-138. Math Review 91c:30052.
- 2) On approximation by a nonfundamental sequence of translates, Journal of Math Analysis and Applications, 199 (1996), 469-477. Math Review 97f: 42021.
- 3) Products and sums with applications, Missouri Journal of Mathematical Sciences, 9 (1997), 90-94. Math Review 98g:11104. This paper is also available electronically at: <http://www.math-cs.cmsu.edu/~mjms/1997-2p.html>
- 4) Entire functions of order one and infinite type, Missouri Journal of Mathematical Sciences, 10 (1998), 20-27. Math Review 1611324. This paper is also available electronically at: <http://www.math-cs.cmsu.edu/~mjms/1998-3p.html>
- 5) Some representations of $\zeta(3)$, Missouri Journal of Mathematical Sciences, 10 (1998), 169-175. Math Review: 2000b:11103. This paper is also available electronically at: <http://www.math-cs.cmsu.edu/~mjms/1998-3p.html>
- 6) Perfect numbers and some of their properties, Proceedings of the International Conference on Scientific Computations held at Lebanese American University (1999), 117-126.
- 7) Euler-type formula using Maple, Palma Research Journal, 1 (2001), 175-180.
- 8) Characterizations of arithmetic progression functions with counter examples in interpolation, Missouri Journal of Mathematical Sciences, 15 (2003), 110-128. Math Review 2004d:30003. This paper is also available electronically at: <http://www.math-cs.cmsu.edu/~mjms/2003-2p.html>
- 9) Exploring new identities with Maple as a tool, WSEAS Transactions on Information Science and Applications, 1 (2004), no. 5, 1151-1157.
- 10) A collection of number and function characterizations, WSEAS Transactions on Mathematics, 5 (2005), no. 1, 12-17.

- 11) Maple explorations, Perfect numbers, and Mersenne primes, *International Journal of Mathematics Education in Science and Technology*, 36 (2005), no. 6, 643-654.
- 12) Towards a proof of the twin prime conjecture, *International Journal of Pure and Applied Mathematics*, 47(2008), no. 1, 31-40.
- 13) The Value of the Zeta Function at an Odd Argument, *Int. J. Math. Comput. Sci.*, 4(2009), no. 1, 21-30.
- 14) Generalized Integral Formulas, *Int. J. Math. Comput. Sci.*, 5(2010), no. 1, 7-14.
- 15) Results Connected to the Riemann Hypothesis, *International Journal of Mathematical Analysis*, 6(2012), no. 25, 1235-1250.
- 16) Euler-type Formulas, *Int. J. Math. Comput. Sci.*, 7(2012), no. 1, 85-92.
- 17) Subsets of Prime Numbers, *Int. J. Math. Comput. Sci.*, 7(2012), no. 2, 101-112.
- 18) The Completed Zeta Function and the Riemann Hypothesis, *Int. J. Math. Comput. Sci.*, 9(2014), no. 1, 31-48.
- 19) A Generalization of Wallis Formula, *Int. J. Math. Comput. Sci.*, 10(2015), no. 1, 51-55.
- 20) Half a dozen famous unsolved problems in mathematics with a dozen suggestions on how to try to solve them, *Int. J. Math. Comput. Sci.*, 11(2016), no. 2, 257-273.
- 21) Favorite mathematics topics from the 12th Century to the 21st Century, *Int. J. Math. Comput. Sci.*, 13(2018), no. 1, 83-104.