

Zeta and L -functions: Analytic Theory

11Mxx

- [1] Peter Borwein, Greg Fee, Ron Ferguson, and Alexa van der Waall, *Zeros of partial sums of the Riemann zeta function*, Experiment. Math. **16** (2007), no. 1, 21–39. MR MR2312975 (2008a:11099)
- [2] B. Conrad, K. Conrad, and H. Helfgott, *Root numbers and ranks in positive characteristic*, Adv. Math. **198** (2005), no. 2, 684–731. MR MR2183392 (2006m:11080)
- [3] Gunther Cornelissen, Aristides Kontogeorgis, and Lotte van der Zalm, *Arithmetic equivalence for function fields, the Goss zeta function and a generalisation*, J. Number Theory **130** (2010), no. 4, 1000–1012. MR 2600417
- [4] M. P. F. du Sautoy, J. J. McDermott, and G. C. Smith, *Zeta functions of crystallographic groups and analytic continuation*, Proc. London Math. Soc. (3) **79** (1999), no. 3, 511–534. MR MR1710163 (2000k:11103)
- [5] Marcus du Sautoy and Luke Woodward, *Nilpotent groups: Explicit examples*, Zeta Functions of Groups and Rings, Lecture Notes in Computer Science, vol. 1925/2008, Springer Berlin / Heidelberg, 2008, pp. 21–68.
- [6] Ralf Gerkmann, *Relative rigid cohomology and deformation of hypersurfaces*, Int. Math. Res. Pap. IMRP (2007), no. 1, Art. ID rpm003, 67. MR MR2334009
- [7] Kiran S. Kedlaya and Andrew V. Sutherland, *Computing L -series of hyperelliptic curves*, Algorithmic Number Theory, Lecture Notes in Computer Science, vol. 5011, 2008, pp. 312–326.
- [8] Emmanuel Kowalski, *The large sieve, monodromy, and zeta functions of algebraic curves. II. Independence of the zeros*, Int. Math. Res. Not. IMRN (2008), Art. ID rnn 091, 57. MR MR2439552
- [9] Alan G. B. Lauder, *A recursive method for computing zeta functions of varieties*, LMS J. Comput. Math. **9** (2006), 222–269 (electronic). MR MR2261044 (2007g:14022)
- [10] Phil Martin and Mark Watkins, *Symmetric powers of elliptic curve L -functions*, Algorithmic number theory, Lecture Notes in Comput. Sci., vol. 4076, Springer, Berlin, 2006, pp. 377–392. MR MR2282937 (2007i:11087)

- [11] Moritz Minzloff, *Computing zeta functions of superelliptic curves in larger characteristic*, Math. Comput. Sci. **3** (2010), 209–224.
- [12] Christopher Voll, *Normal subgroup growth in free class-2-nilpotent groups*, Math. Ann. **332** (2005), no. 1, 67–79. MR MR2139251
- [13] Alexey Zaytsev and Gary McGuire, *On the zeta functions of an optimal tower of function fields over F_4* , 2009.