

Algebraic Combinatorics

05Exx

- [1] Christine Bachoc, *Harmonic weight enumerators of nonbinary codes and MacWilliams identities*, Codes and Association Schemes (Piscataway, NJ, 1999), DIMACS Ser. Discrete Math. Theoret. Comput. Sci., vol. 56, Amer. Math. Soc., Providence, RI, 2001, pp. 1–23. MR MR1816384 (2002b:94024)
- [2] Andries E. Brouwer, Naoyuki Horiguchi, Masaaki Kitazume, and Hiroyuki Nakasora, *A construction of the sporadic Suzuki graph from $U_3(4)$* , J. Combin. Theory Ser. A **116** (2009), no. 5, 1056–1062. MR MR2522419
- [3] J. Buhler and Z. Reichstein, *Symmetric functions and the phase problem in crystallography*, Trans. Amer. Math. Soc. **357** (2005), no. 6, 2353–2377 (electronic). MR MR2140442
- [4] Marston Conder, *Group actions on graphs, maps and surfaces with maximum symmetry*, Groups St. Andrews 2001 in Oxford. Vol. I, London Math. Soc. Lecture Note Ser., vol. 304, Cambridge Univ. Press, Cambridge, 2003, pp. 63–91. MR MR2051519 (2004m:20005)
- [5] M. R. Darafsheh, A. Iranmanesh, and R. Kahkeshani, *Some designs and codes invariant under the groups S_9 and A_8* , Des. Codes Cryptogr. **51** (2009), no. 2, 211–223. MR MR2480700 (2009k:05193)
- [6] Paul-Olivier Dehaye, *Joint moments of derivatives of characteristic polynomials*, Algebra Number Theory **2** (2008), no. 1, 31–68. MR MR2377362 (2009a:15075)
- [7] Alice Devillers, Michael Giudici, Cai Heng Li, and Cheryl E. Praeger, *A remarkable Mathieu graph tower*.
- [8] Steven T. Dougherty, Jon-Lark Kim, and Patrick Solé, *Double circulant codes from two class association schemes*, Adv. Math. Commun. **1** (2007), no. 1, 45–64. MR MR2262767
- [9] Yan-Quan Feng, Jin Ho Kwak, and Chuixiang Zhou, *Constructing even radius tightly attached half-arc-transitive graphs of valency four*, J. Algebraic Combin. **26** (2007), no. 4, 431–451. MR MR2341859

- [10] Anna Fukshansky and Corinna Wiedorn, *C-extensions of the Petersen geometry for M_{22}* , European J. Combin. **20** (1999), no. 3, 233–238. MR MR1687239 (2000f:05089)
- [11] George Havas and Edmund F. Robertson, *Two groups which act on cubic graphs*, Computational Group Theory (Durham, 1982), Academic Press, London, 1984, pp. 65–68. MR MR760650 (86b:05038)
- [12] Naoyuki Horiguchi, Masaaki Kitazume, and Hiroyuki Nakasora, *The Hall-Janko graph and the Witt system W_{10}* , European J. Combin. **29** (2008), no. 1, 1–8. MR MR2368609 (2008j:05369)
- [13] Naoyuki Horiguchi, Hiroyuki Nakasora, and Takehisa Wakabayashi, *On the strongly regular graphs obtained from quasi-symmetric 2-(31, 7, 7) designs*, Bull. Yamagata Univ. Natur. Sci. **16** (2005), no. 1, 1–6. MR MR2127982 (2006c:05146)
- [14] M. Kasatani, T. Miwa, A. N. Sergeev, and A. P. Veselov, *Coincident root loci and Jack and Macdonald polynomials for special values of the parameters*, Jack, Hall-Littlewood and Macdonald Polynomials, Contemp. Math., vol. 417, Amer. Math. Soc., Providence, RI, 2006, pp. 207–225. MR MR2284129
- [15] J. D. Key and J. Moori, *Codes, designs and graphs from the Janko groups J_1 and J_2* , J. Combin. Math. Combin. Comput. **40** (2002), 143–159. MR MR1887973 (2002m:05035)
- [16] J. D. Key, J. Moori, and B. G. Rodrigues, *On some designs and codes from primitive representations of some finite simple groups*, J. Combin. Math. Combin. Comput. **45** (2003), 3–19. MR MR1982631 (2004m:94094)
- [17] M. (ed.) Klin, G.A. (ed.) Jones, A. (ed.) Jurisic, M. (ed.) Muzychuk, and I. (ed.) Ponomarenko, *Algorithmic algebraic combinatorics and gröbner bases*, Springer, Berlin, 2009.
- [18] Klavdija Kutnar, Dragan Marušič, Štefko Miklavič, and Primož Šparl, *Strongly regular tri-Cayley graphs*, European J. Combin. **30** (2009), no. 4, 822–832. MR MR2504641
- [19] Dimitri Leemans, *Locally s -arc-transitive graphs related to sporadic simple groups*, J. Algebra **322** (2009), no. 3, 882–892. MR MR2531226
- [20] Cai Heng Li, Tian Khoon Lim, and Cheryl E. Praeger, *Homogeneous factorisations of complete graphs with edge-transitive factors*, J. Algebraic Combin. **29** (2009), no. 1, 107–132. MR MR2470118

- [21] Jamshid Moori and B. G. Rodrigues, *A self-orthogonal doubly even code invariant under $McL : 2$* , J. Combin. Theory Ser. A **110** (2005), no. 1, 53–69. MR MR2128966 (2006a:05174)
- [22] Hiroshi Nozaki, *Geometrical approach to Seidel’s switching for strongly regular graphs*, 2009.
- [23] Ju-Mok Oh, *Arc-transitive elementary abelian covers of the Pappus graph*, Discrete Math. **309** (2009), no. 23-24, 6590–6611. MR MR2558624
- [24] Patric R. J. Östergård, *Classifying subspaces of Hamming spaces*, Des. Codes Cryptogr. **27** (2002), no. 3, 297–305. MR MR1928445 (2003i:94060)
- [25] Christopher Parker, Edward Spence, and Vladimir D. Tonchev, *Designs with the symmetric difference property on 64 points and their groups*, J. Combin. Theory Ser. A **67** (1994), no. 1, 23–43. MR MR1280597 (95d:05021)
- [26] Geoffrey Pearce, *Examples of rank 3 product action transitive decompositions*, Des. Codes Cryptogr. **47** (2008), no. 1-3, 289–303. MR MR2375474 (2008m:20004)
- [27] Gary J. Sherman, Thomas J. Tucker, and Mark E. Walker, *How Hamiltonian can a finite group be?*, Arch. Math. (Basel) **57** (1991), no. 1, 1–5. MR MR1111106 (92f:20026)
- [28] Bruce W. Westbury, *Invariant tensors and the cyclic sieving phenomenon*, 2010.
- [29] Doron Zeilberger, *Deconstructing the Zeilberger algorithm*, J. Difference Equ. Appl. **11** (2005), no. 9, 851–856. MR MR2159801 (2006i:05181)
- [30] Cui Zhang, Jin-Xin Zhou, and Yan-Quan Feng, *Automorphisms of cubic Cayley graphs of order $2pq$* , Discrete Math. **309** (2009), no. 9, 2687–2695. MR MR2523776
- [31] Jin-Xin Zhou, *Tetravalent s -transitive graphs of order $4p$* , Discrete Math. **309** (2009), no. 20, 6081–6086. MR MR2552643
- [32] Jin-Xin Zhou and Yan-Quan Feng, *Tetravalent one-regular graphs of order $2pq$* , J. Algebraic Combin. **29** (2009), no. 4, 457–471. MR MR2506717
- [33] ———, *Tetravalent s -transitive graphs of order twice a prime power*, J. Aust. Math. Soc. **88** (2010), no. 2, 277–288.