

ALGEBRAIC COMBINATORICS

MSRI-UP

June 15–July 28, 2013

- [AO08] M. AGUIAR and R. C. ORELLANA, The Hopf algebra of uniform block permutations, *J. Algebraic Combin.* **28** (2008), no. 1, 115–138. MR 2420782. Zbl 1180.16024. doi: 10.1007/s10801-008-0120-9.
- [BKP02] C. BANDT, G. KELLER, and B. POMPE, Entropy of interval maps via permutations, *Nonlinearity* **15** (2002), no. 5, 1595–1602. MR 1925429. Zbl 1026.37027. doi: 10.1088/0951-7715/15/5/312.
- [BRW96] D. A. BECK, J. B. REMMEL, and T. WHITEHEAD, The combinatorics of transition matrices between the bases of the symmetric functions and the B_n analogues, *Discrete Math.* **153** (1996), no. 1-3, 3–27. MR 1394942. Zbl 0856.05096. doi: 10.1016/0012-365X(95)00124-F.
- [BBS12] S. BILLEY, K. BURDZY, and B. E. SAGAN, *Permutations with given peak set*, preprint, 2012. arXiv 1209.0693. Available at <http://www.math.msu.edu/~sagan/Papers/01d/pgp.pdf>.
- [Dou72] P. DOUBILET, On the foundations of combinatorial theory, VII: Symmetric functions through the theory of distribution and occupancy, *Studies in Appl. Math.* **51** (1972), 377–396. MR 0429577. Zbl 0274.05008.
- [ER91] Ö. EĞECIOĞLU and J. B. REMMEL, Brick tabloids and the connection matrices between bases of symmetric functions, *Discrete Appl. Math.* **34** (1991), no. 1-3, 107–120. MR 1137989. Zbl 0758.05007. doi: 10.1016/0166-218X(91)90081-7.
- [Eli09] S. ELIZALDE, The number of permutations realized by a shift, *SIAM J. Discrete Math.* **23** (2009), no. 2, 765–786. MR 2496917. Zbl 1191.05002. doi: 10.1137/080726689.
- [EL11] S. ELIZALDE and Y. LIU, On basic forbidden patterns of functions, *Discrete Appl. Math.* **159** (2011), no. 12, 1207–1216. MR 2806017. Zbl 1225.05007. doi: 10.1016/j.dam.2011.04.012.
- [Mac95] I. G. MACDONALD, *Symmetric functions and Hall polynomials*, 2nd ed., Oxford Mathematical Monographs, Clarendon/Oxford University Press, New York, 1995, ISBN 0-19-853489-2. MR 1354144. Zbl 0824.05059.
- [MMW08] J. L. MARTIN, M. MORIN, and J. D. WAGNER, On distinguishing trees by their chromatic symmetric functions, *J. Combin. Theory Ser. A* **115** (2008), no. 2, 237–253. MR 2382514. Zbl 1133.05020. doi: 10.1016/j.jcta.2007.05.008.
- [RS06] M. H. ROSAS and B. E. SAGAN, Symmetric functions in noncommuting variables, *Trans. Amer. Math. Soc.* **358** (2006), no. 1, 215–232. MR 2171230. Zbl 1071.05073. doi: 10.1090/S0002-9947-04-03623-2.
- [Sag01] B. E. SAGAN, *The symmetric group: representations, combinatorial algorithms, and symmetric functions*, 2nd ed., Graduate Texts in Mathematics **203**, Springer, New York, 2001, ISBN 0-387-95067-2. MR 1824028. Zbl 0964.05070. doi: 10.1007/978-1-4757-6804-6.
- [Sco08] G. S. SCOTT, *Characterizing graphs with equal chromatic symmetric functions*, Senior thesis, Dartmouth College, 2008.
- [Sta95] R. P. STANLEY, A symmetric function generalization of the chromatic polynomial of a graph, *Adv. Math.* **111** (1995), no. 1, 166–194. MR 1317387. Zbl 0831.05027. doi: 10.1006/aima.1995.1020.
- [Sta98] R. P. STANLEY, Graph colorings and related symmetric functions: ideas and applications: a description of results, interesting applications, & notable open problems, *Discrete Math.* **193** (1998), no. 1-3, 267–286. MR 1661374. Zbl 1061.05508. doi: 10.1016/S0012-365X(98)00146-0.
- [Sta99] R. P. STANLEY, *Enumerative combinatorics, 2*, Cambridge Studies in Advanced Mathematics **62**, Cambridge University Press, Cambridge, 1999, ISBN 0-521-56069-1, 0-521-78987-7. MR 1676282. Zbl 0928.05001. doi: 10.1017/CBO9780511609589.
- [Sta12] R. P. STANLEY, *Enumerative combinatorics, 1*, 2nd ed., Cambridge Studies in Advanced Mathematics **49**, Cambridge University Press, Cambridge, 2012, ISBN 978-1-107-60262-5. MR 2868112. Zbl 1247.05003. Available at <http://www.cambridge.org/de/knowledge/isbn/item6832283>.

Date: June 11, 2013.

Bibliography by Rosa C. Orellana.