

PUBLICATION LIST

Sami H. Assaf

2007

1. **Dual equivalence graphs, ribbon tableaux and Macdonald polynomials.** *PhD thesis*, University of California Berkeley, 2007.

2008

2. **A generalized major index statistic.** *Séminaire Lotharingien de Combinatoire* **60** (2008), Art. B60c, 13 pp. (electronic).
3. **A combinatorial realization of Schur-Weyl duality via crystal graphs and dual equivalence graphs**, 20th International Conference on Formal Power Series and Algebraic Combinatorics (FPSAC 2008), 141–152, *Discrete Math. Theor. Comput. Sci. Proc., AJ*, Assoc. Discrete Math. Theor. Comput. Sci., 2008.

2009

4. (with Persi Diaconis and K. Soundararajan) **Riffle shuffles of a deck with repeated cards**, 21st International Conference on Formal Power Series and Algebraic Combinatorics (FPSAC 2009), 89–102, *Discrete Math. Theor. Comput. Sci. Proc., AJ*, Assoc. Discrete Math. Theor. Comput. Sci., 2009.
5. (with Adriano Garsia) **A kicking basis for two column Garsia-Haiman modules**, 21st International Conference on Formal Power Series and Algebraic Combinatorics (FPSAC 2009), 103–114, *Discrete Math. Theor. Comput. Sci. Proc., AJ*, Assoc. Discrete Math. Theor. Comput. Sci., 2009.

2010

6. (with Peter McNamara) **A Pieri rule for skew shapes**, 22nd International Conference on Formal Power Series and Algebraic Combinatorics (FPSAC 2010), 133–144, *Discrete Math. Theor. Comput. Sci. Proc., AJ*, Assoc. Discrete Math. Theor. Comput. Sci., 2010.
7. **Cyclic derangements.** *Electronic Journal of Combinatorics* **17** (2010), no. 1, Research Paper 163, 14 pp.

2011

8. (with Peter McNamara) **A Pieri rule for skew Schur functions.** *Journal of Combinatorial Theory, Series A* **118** (2011), 277–290.

IN PRESS

9. (with Persi Diaconis and K. Soundararajan) **A rule of thumb for riffle shuffles.** To appear in *Advances in Applied Probability*.

SUBMITTED

10. **The Schur expansion of Macdonald polynomials.** Submitted 2008.
11. **A combinatorial proof of LLT and Macdonald positivity.** Submitted 2008.
12. **On dual equivalence.** Submitted 2010.

IN PREPARATION

13. (with Sara Billey) **Affine dual equivalence and k -Schur positivity.** Preprint, 2009.
14. **Towards a kicking basis for Garsia-Haiman modules.** Preprint, 2009.
15. **Dual Equivalence Graphs II: A characterization of D-graphs.** Preprint, 2010.