

References: free probability

- [1] Ben Arous, G.; Guionnet, A. Large deviations for Wigner's law and Voiculescu's non-commutative entropy. *Probab. Theory Related Fields* 108 (1997), no. 4, 517–542.
- [2] Emery, M.; Nemirovski, A.; Voiculescu, D. Lectures on probability theory and statistics. Lectures from the 28th Summer School on Probability Theory held in Saint-Flour, August 17–September 3, 1998. Edited by Pierre Bernard. *Lecture Notes in Mathematics*, 1738. Springer-Verlag, Berlin, 2000.
- [3] Haagerup, U. On Voiculescu's R- and S-transforms for free non-commuting random variables. *Free probability theory (Waterloo, ON, 1995)*, 127–148, *Fields Inst. Commun.*, 12, Amer. Math. Soc., Providence, RI, 1997.
- [4] Hiai, F.; Petz, D. The semicircle law, free random variables and entropy. *Mathematical Surveys and Monographs*, 77. American Mathematical Society, Providence, RI, 2000.
- [5] Müller, R. A random matrix model of communication via antenna arrays. *IEEE Trans. Inform. Theory* 48 (2002), no. 9, 2495–2506.
- [6] Pastur, L.; Vasilchuk, V. On the law of addition of random matrices. *Comm. Math. Phys.* 214 (2000), no. 2, 249–286.
- [7] Speicher, R.; Free convolution and the random sum of matrices. *Publ. Res. Inst. Math. Sci.* 29 (1993), no. 5, 731–744.
- [8] Voiculescu, D.; A strengthened asymptotic freeness result for random matrices with applications to free entropy. *Internat. Math. Res. Notices* 1998, no. 1, 41–63.
- [9] Voiculescu, D. V.; Dykema, K. J.; Nica, A. Free random variables. A noncommutative probability approach to free products with applications to random matrices, operator algebras and harmonic analysis on free groups. *CRM Monograph Series*, 1. American Mathematical Society, Providence, RI, 1992.