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*Real Wishart matrices and nonorientable surfaces*

The combinatorics of orientable surfaces can be used to calculate some of the statistics of complex Wishart matrices, such as moments and fluctuations around their asymptotic limits. I will look at adapting these tools to the real case, in which nonorientable surfaces as well as orientable ones appear. In particular, I will look at adapting the Kreweras complement (information about faces determined by information about vertices and edges), and the algebraic methods of calculating it.