Global Fluctuations for β-Jacobi Ensembles

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We will present a method to compute global fluctuations for β-Jacobi ensembles, which, starting from a central limit theorem-type result for the traces of powers, extends it to traces of C^1-Lipschitz functions on *[0,1]*. Along the way, we use Jack polynomial palindromes, path counting, and results of Anderson-Guionnet-Zeitouni. This is joint work with Elliot Paquette.