
Coxeter-James Prize
Prix Coxeter-James

BÁLINT VIRÁG, University of Toronto
Random eigenvalues

In the 1950s Wigner suggested that energy levels of large atomic nuclei behave like random matrix eigenvalues. Since then, many mathematical and physical systems have been conjectured to have this behaviour, yet there are almost no proofs. I will present some examples and explain a particular case of perturbed Schrodinger operators where the random matrix behavior is better understood.