1062-32-45 **thomas bloom*** (`bloom@math.toronto.edu`), Mathematics,University of Toronto, Toronto,Ontario, Canada, Toronto, Ontario M5S2E4, Canada. *Random Matrices and Potential Theory.*

We will discuss large deviation results for random matrices,emphasizing the role played by potential theory. We will briefly indicate the several-variable generalization, where recent developments in pluripotential theory play a role. (Received July 16, 2010)