

1027-30-165

Peter D. Miller* (millerpd@umich.edu), Department of Mathematics, University of Michigan,
East Hall, 530 Church St., Ann Arbor, MI 48109. *$\bar{\partial}$ problems in random matrix theory.*

A $\bar{\partial}$ problem is a kind of generalization of a Riemann-Hilbert problem. We will describe how some $\bar{\partial}$ problems arise in the context of the orthogonal polynomial approach to random matrix theory. (Received February 26, 2007)