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N M Ercolani* (ercolani@math.arizona.edu), Department of Mathematics, Univ. of Arizona, 617 N. Santa Rita Ave., Tucson, AZ 85721, and **K D T-R McLaughlin** and **V U Pierce**. *The Asymptotic Combinatorics and Dynamics of Random Matrices*.

We will discuss certain aspects of the asymptotic behavior of hermitian random matrices as they relate to the interplay between the fine structure of graphical enumeration for maps and the dynamical scaling behavior of parameters in the asymptotic random matrix partition function. (Received February 27, 2007)