1027-60-220 **Toufic Suidan\***, 1156 High St., Mathematics Department, University of California, Santa Cruz, CA 95064. New Results on the Symmetric Polynuclear Growth Model.

We present new results on the symmetric polynuclear growth model and its connections to several classical random matrix models. This is joint work with J. Baik, A. Borodin, and E. Rains. (Received February 27, 2007)