

Meeting: 1000,Albuquerque, New Mexico, TRACY, Invited Address

1000-60-4 **Craig A Tracy*** (tracy@math.ucdavis.edu), Department of Mathematics, One Shields Ave., University of California, Davis, CA 95616, and **Harold Widom** (widom@ucsc.edu), Department of Mathematics, University of California, Santa Cruz, CA 95064. *The universality of the distribution functions of random matrix theory*. Preliminary report.

The distribution functions of random matrix theory have appeared as limit laws for a wide variety of problems arising in probability theory, combinatorics and number theory. These RMT distribution functions are described and their occurrences surveyed. (Received August 13, 2004)