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Leonard Choup*, Department of Mathematical Sciences, University of Alabama in Huntsville,
258A Shelby Center, Huntsville, AL 35899. *Edgeworth Expansion of the Probability Distribution of
the Largest Eigenvalue from GSE.*

We present here a derivation of the probability distribution function of the largest eigenvalue from the Gaussian Ensemble in general and for the Gaussian Symplectic Ensemble in particular. (Received September 02, 2008)