**THOMAS BLOOM**, University of Toronto, 40 St. George St., Toronto *Voiculescu's Entropy and potential Theory* 

That the (negative of) the logarithmic energy of a planar measure is the triple limit of volumes originated in the work of Voiculescu in the 1990s. Subsequently, this result was put in the context of large deviations by Ben Arous and A. Guionnet. We will give a new proof of this result and discuss the several variable case.