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Turgay Bayraktar* (tbayrakt@syr.edu), Syracuse University, Carnegie Building 215, Syracuse, NY 13244. *Universality for zeros of random holomorphic sections.*

The *universality phenomenon* in the context of random polynomials or more generally random holomorphic sections of high powers $L^{\otimes n}$ of positive line bundle $L \rightarrow X$ defined over a projective manifold indicates that asymptotic distribution of (appropriately normalized) zeros of random holomorphic sections should become independent of the choice of probability distribution under natural assumptions. In this talk, I will present some recent results on universality of limiting zero distribution of random holomorphic sections. I will also present some results concerned with asymptotic normality of smooth linear statistics for zero sets of codimension one. (Received February 11, 2016)