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Complex zeros of random polynomials

Given a compact set  $K \subset \mathbb{C}^m$ , and  $\tau$  an appropriate measure on K we consider random polynomials  $H_n(z)$  whose coefficients with respect to an orthonormal basis in  $L^2(\tau)$  for polynomials of total degree  $\leq n$  are independent, identically distributed random variables having a general distribution (which includes normal complex and real Gaussians). We prove the almost sure convergence of  $\frac{1}{n} \log |H_n(z)|$  in  $L^1_{loc}$  to the pluricomplex Green function of K and also the almost sure convergence of the zero currents of the random polynomials. This is joint work with N.Levenberg.