# Expected zeros of random orthogonal polynomials on the real line ${ }^{\dagger}$ 

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## §1. Asymptotic equidistribution of zeros

Zeros of polynomials of the form $P_{n}(z)=\sum_{k=0}^{n} A_{k} z^{k}$, where $\left\{A_{k}\right\}_{k=0}^{n}$ are random coefficients, have been studied by Bloch and Pólya, Littlewood and Offord, Erdős and Offord, Kac, Rice, Hammersley, Shparo and Shur, Arnold, and many other authors. The early

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