

ANUNCIO DE CONFERENCIA

The Complex Roots of Random Sums

a cargo de

Andrew Ledoan

University of Tennessee at Chattanooga



RESUMEN: In 1943 Mark Kac proved an explicit formula for the intensity function corresponding to the number of real roots of a random polynomial whose coefficients are independent and distributed normally. This remarkable result was extended in 1995 to the complex plane by Larry Shepp and Robert Vanderbei. In this talk I will present some recent results on the complex roots of a wider class of random sums whose basis functions are given analytic functions that are real-valued on the real line.

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