

Maxim Zinchenko
Harry Bateman Research Instructor
California Institute of Technology
Pasadena, CA

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Title: Spectral Theory for Jacobi Matrices

Abstract: In this talk I will discuss tri-diagonal infinite (Jacobi) matrices and its connection to orthogonal polynomials on the real line. In particular, I will present various classical and more recent Szegő-type results and Szegő-type asymptotics.