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Nota di contenuto	Introduction Statement of Main Results Potential Theoretic Estimates Restricted Range Inequalities Bounds for Christoffel Functions Spacing of Zeros Bounds on Orthogonal Polynomials Markov-Bernstein Inequalities in L Discretization of Potentials Derivatives of Discretized Polynomials Weighted Polynomial Approximations Formulae Involving Bernstain-Szego Polynomials Asymptotics of Orthonormal Polynomials Further Bounds Universality Limits and Entropy Integrals.
Sommario/riassunto	This book establishes bounds and asymptotics under almost minimal conditions on the varying weights, and applies them to universality limits and entropy integrals. Orthogonal polynomials associated with varying weights play a key role in analyzing random matrices and other topics. This book will be of use to a wide community of mathematicians, physicists, and statisticians dealing with techniques of potential theory, orthogonal polynomials, approximation theory, as well as random matrices.

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