SPECTRAL THEORY OF ORTHOGONAL POLYNOMIALS: AN OVERVIEW

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I will review progress in the spectral theory of orthogonal polynomials in the past dozen years as a result of the clash of civilizations as the OP and spectral theory communities interacted. Included are applications of potential theory, the role of Szegő's theorem and, if time allows, CD kernels. This talk should be accessible to non-experts.