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**J Geronimo\*** ([geronimo@math.gatech.edu](mailto:geronimo@math.gatech.edu)), Georgia Tech, Atlanta, GA 30030. *WKB and Turning point Theory for Second order difference equations: External Fields and Asymptotics of Orthogonal Polynomials*. Preliminary report.

We will discuss WKB and Turning point Theory for Second order difference equations. We will show how the theory of external fields enters and allows the computation of asymptotic formulas for orthogonal polynomials. (Received February 13, 2006)