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**Jeff Geronimo\*** ([geronimo@math.gatech.edu](mailto:geronimo@math.gatech.edu)), School of Mathematics, Georgia Tech, Atlanta, GA 30332. *Bivariate Bernstein-Szego measures on the Square*. Preliminary report.

I will discuss various conditions that imply when a non-degenerate bivariate measure supported on the square is absolutely continuous with respect to Lebesgue measure with a density that is the reciprocal of a positive polynomial. Such measures are called Bernstein-Szego measures. This is joint work with Plamen Iliev. (Received September 19, 2016)