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Siqi Fu* (sfu@camden.rutgers.edu), Department of Mathematical Sciences, Rutgers University-Camden, Camden, NJ 08102. *Spectral theory of the d -bar-Neumann Laplacian*. Preliminary report.

I will talk about recent results on the interplays between the geometry of a domain and the spectrum of its d -bar-Neumann Laplacian. (Received September 11, 2006)