

Spectral Stability of the Complex Laplacians

Siqi Fu

We study spectral stability of the complex Laplacians, in particular, the $\bar{\partial}$ -Neumann Laplacian on a domain Ω in \mathbb{C}^n and the Kohn Laplacian on its boundary $\partial\Omega$, when the underlying structures are perturbed. The focus of this talk is spectral stability of the Kohn Laplacian when the underlying CR structure is perturbed. This talk is based on joint work with Weixia Zhu.