

TEMPLE UNIVERSITY

Department of Mathematics

Analysis Seminar

Room 617 Wachman Hall

Monday, May 1st, 2023, 2:30 p.m.

*Stability of spectrum of the Kohn Laplacian and
embeddings of CR manifolds*

by Siqu Fu

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Abstract: We study stability of spectrum of the complex Laplacians. In particular we study spectral stability of the Kohn Laplacian under perturbation of the underlying CR manifold or CR structure and relate it to stability of embeddings of CR manifolds. This talk is based on an on-going project with Howard Jacobowitz and Weixia Zhu.