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Im Rahmen der

AG Komplexe Analysis

laden wir zu folgendem Vortrag ein:

Berezin-Toeplitz quantization on CR manifolds

Dr. Andrea Galasso, NCTS (Taipei)

am **Donnerstag, den 25.08.2022, um 16 Uhr c.t. in Hörsaal 15.**

Abstract: Let X be a connected orientable compact CR manifold with non-degenerate Levi form of constant signature. In a joint project with Chin-Yu Hsiao, we study the algebra of Toeplitz operators on X and we establish the star product for a certain class of symbols on X . The main application is a construction of deformation quantization of compact 'quantizable' pseudo-Kähler manifolds of constant signature. In the second part of the talk I will mention some results concerning the case of group actions and invariant operators.

Alle Interessenten sind herzlich eingeladen!

gez. Prof. N. Shcherbina