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Im Rahmen der

AG Komplexe Analysis

laden wir zu folgendem Vortrag ein:

Stability properties of the squeezing function
on a sequence of bounded domains

(Tanja Küfner, Universität Würzburg)

am **Donnerstag, den 03.02.2022, um 14 Uhr c.t. in Hörsaal 3**.

Abstract: The squeezing function was first defined in 2012 by F. Deng, Q. Guan and L. Zhang and constitutes a biholomorphic invariant of a given bounded domain. In this talk I will present some basic properties of the squeezing function and the interplay with geometric properties of the domain. If we consider the case of a sequence of bounded domains converging with respect to kernel convergence, the question arises, whether any stability statement about the behavior of the squeezing functions on these domains can be made. Following previous work by F. Deng, Q. Guan and L. Zhang, I was able to attain an inequality even in this more general setting and to provide a counterexample to stability.

Alle Interessenten sind herzlich eingeladen!

gez. Prof. N. Shcherbina