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Im Rahmen der

AG Komplexe Analysis

laden wir zu folgendem Vortrag ein:

On the curvature estimates of domains with the uniform squeezing property

(Prof. Liyou Zhang, Capital Normal University, Beijing, China)

am **Freitag, den 23.01.2015, um 12 Uhr c.t. in Raum F.12.11**.

Abstract: We give estimates for the Bergman curvatures on bounded domains in $\mathbb{C}^n$ in terms of the squeezing function, and describe the uniform upper and lower bounds of the curvatures on holomorphically homogeneous regular manifolds, or domains with the uniform squeezing property. As an application, we derive the asymptotic behaviour for the Bergman curvatures near strictly pseudoconvex boundary points by applying Fornæss and Wold's recent work on the estimate for the squeezing function.

Alle Interessenten sind herzlich eingeladen!

gez. Prof. N. Shcherbina