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Im Rahmen der

AG Komplexe Analysis

laden wir zu folgendem Vortrag ein:

Applications of generalized Monge–Ampère products

(Dr. Martin Sera)

am **Dienstag, den 27.02.2024**, um **16 Uhr c.t. in G.15.25**.

Abstract: In this presentation, we consider generalized (mixed) Monge–Ampère products of quasisubharmonic functions (with and without analytic singularities) as they were introduced and studied in several articles written by subsets of M. Andersson, Z. Błocki, R. Lärkäng, H. Raufi, J. Ruppenthal, E. Wulcan and the speaker. Continuing our last presentation, we discuss their applications using Lelong number estimates of them. Among others, we obtain the following generalization of a result by X. Wu. If the nonnef locus of a pseudoeffective vector bundle E on a Kähler manifold is contained in a countable union of k -codimensional analytic sets, and if the k -power of the first Chern class of E is trivial, then E is nef.

Alle Interessenten sind herzlich eingeladen!

gez. Prof. N. Shcherbina