Julius-Maximilians-
UNIVERSITÄT
WÜRZBURG

MUΦX
Lehrstuhl

Seminarankündigung

Deformationsquantisierung

Am 15. 11. 2019 spricht um 14 Uhr c.t.

Seminarraum SE 31 (maybe SE 30)

Nicolò Drago (JMU Würzburg)

A friendly chat on classical KMS states

This is an introductory talk on Kubo Martin Schwinger (KMS) classical states. Given a Poisson manifold (M, π), KMS states are linear positive functionals $\varphi\colon C_c^\infty(M) \to \mathbb{C}$ generalizing the notion of Poisson traces. They describe thermal equilibrium at a fixed temperature for the classical system described by (M, π). In this talk we will define KMS states and discuss their basic properties as well as their connection with the underlying Poisson structure.

gez. Stefan Waldmann