Seminarankündigung

Deformationsquantisierung

Am 10.01.2020 spricht um 14 Uhr c.t.

Seminarraum SE 31

ANDREAS KRAFT (UNIVERSITY OF SALERNO)

Equivariant Formality and Ideas for Reduction

In the context of deformation quantization equivariant star products are the quantum analogue of Hamiltonian group actions with momentum maps. We recall their classification by an equivariant formality and sketch a reduction procedure on the classical side of equivariant polyvector fields. If time permits, we will give ideas towards a similar reduction at the level of polydifferential operators and how this could help to understand the question of commutativity of reduction and quantization.

gez. Stefan Waldmann