Seminarankündigung

Deformationsquantisierung

Am 20. 5. 2019 spricht um 14 Uhr c.t.

Seminarraum 31.009

TOM WEBER (UNIV. HAMBURG)

Modified trace and Renormalised Hennings Invariant

A modified trace on an ideal of a pivotal $k$-category is a linear map satisfying cyclicity and partial trace property. The modified trace on the representation category $C$ of a finite-dimensional factorisable Hopf algebra $H$ gives rise to an invariant of 3-manifolds with embedded $C$-coloured graphs. If $H$ is non-semisimple the invariant can distinguish certain Lens spaces.

gez. Gregor Schaumann