

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 \mathcal{C} of a finite-dimensional factorisable Hopf algebra H gives rise to an invariant of 3-manifolds with embedded \mathcal{C} -coloured graphs. If H is non-semisimple the invariant can distinguish certain Lens spaces.

gez. Gregor Schaumann