Seminarankündigung

Deformationsquantisierung

Am 14. 6. 2019 spricht um 14 Uhr c.t.

Seminarraum SE 31

Eva Horlebein

Clifford algebras and spin structures

Clifford algebras and spin structures play an important role in many fields of mathematics and physics. To allow to work with these constructions, the beginning of the talk deals with defining what Clifford algebras, spin groups and spin structures are and with giving some basic properties. This shall enable to discuss a theorem by Plymen that states an equivalence between the existence of a complex spin structure on a vector bundle and the existence of an isomorphism between its complex Clifford bundle and a suitable endomorphism bundle.

gez. Stefan Waldmann