Announcement

Seminar on Deformation Quantization

20.5.2022 at 2pm CEST

Hybrid Seminar in SE 31 and
https://uni-wuerzburg.zoom.us/j/92529190594?pwd=WkJvR1o1QUd1dUNSSjFjHB4c0Z0dz09

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Quivers and tensor categories

Quivers are just finite directed graphs, but by considering their representations one obtains a vast
generalization from familiar linear algebra problems. The theory encodes much of the representation
theory of finite-dimensional algebras and the representation spaces allow for geometric methods, even
applications to symplectic geometry. After introducing some of the main corners of the theory (path
algebra, Gabriels theorem, quiver invariants, cohomological Hall algebra), I explain a connection to
tensor categories and possible applications.

Invited by Stefan Waldmann