

Space of quantum states built over metrics of fixed signature

Saturday, 26 September 2020 11:15 (20 minutes)

A space of quantum states and an algebra of quantum observables are constructed over the set of all metrics of arbitrary but fixed signature, defined on a manifold. The construction is diffeomorphism invariant, and unique up to natural isomorphisms.

Primary author: OKOŁÓW, Andrzej (University of Warsaw)

Presenter: OKOŁÓW, Andrzej (University of Warsaw)

Session Classification: Quantum Gravity and Quantum Cosmology