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Invariant States of the Asymmetric Exclusion Quantum Dynamical Semigroup

In this talk we present the qualitative properties of the Asymmetric Exclusion Quantum Dynamical Semigroup: its qualitative properties, their invariant states, convergence to the equilibrium, and characterization of the domain attractions of each of the invariant states.

This is a joint work with Roberto Quezada Batalla and Leopoldo Pantaleón Martínez.