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Kondo-Kitaev models - the latest developments

Abstract:

The Kondo-Kitaev model represents a rare example of an analytically tractable model of Kondo lattice. In this model itinerant electrons interact with the Yao-Lee spin liquid which at low temperatures when visons can be ignored can be reduced to the model of three species of propagating Majorana fermions. In this talk I intend to discuss the latest results such as perturbations from the Yao-Lee model.