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Title: "Topological Kondo effect"

Abstract:

The topological Kondo effect occurs when a superconducting island is connected to metallic leads via $M > 2$ Majorana bound states. The ensuing Kondo 'spin' is non-locally realized by Majorana fermions and strongly coupled to lead electrons by non-Fermi liquid correlations. We explore the spin dynamics and its observable ramifications near the low temperature fixed point. Our central observation is that the topological protection of the system raises the perspective to observe multi-channel Kondo impurity dynamics in experimentally realistic environments