

UH Physics Research Day - 2024



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Type: **Talk**

Measurement Induced Logical Qutrits in Kitaev Honeycomb Circuit

Saturday 24 February 2024 13:48 (12 minutes)

Inspired by Kitaev's Honeycomb Model, we take a qutrit honeycomb circuit and perform repeated measurements to find that when the probability of $p_z \gg p_x, p_y$, it encodes a logical qutrit.

Academic year

5th year and/or beyond

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Session Classification: Statistical Physics and Condensed Matter and Others

Track Classification: Condensed Matter Physics