



ID de Contribution: 8

Type: Non spécifié

Wouter Rozendaal - Introduction to Quantum Error-Correcting Codes

lundi 3 juin 2024 15:30 (30 minutes)

This talk is an introduction to quantum error-correcting codes. Quantum error correction is used in quantum computing to protect quantum information from errors due to decoherence. We introduce a broad family of quantum codes known as CSS codes and discuss a well-studied example, the toric code.