HONOURS SEMINAR

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The Search for SIC-POVMs

Supervised by Dr. Remus Floricel

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2:00 PM
AH 318

Abstract:
Symmetric, informationally complete positive operator-valued measures (SIC-POVMs) are a type of quantum measurement over a finite-dimensional Hilbert space of particular importance in quantum information theory. However, their existence is yet to be affirmed for every dimension. This talk will introduce quantum measurements and SIC-POVMs, as well as examine some important results in their study.

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