

Department Colloquium

Mathematics and Statistics
York University



Date, Time, and Room

Friday September 13, 2024
1PM-2PM
Ross N638

Speaker

Dr. Chi-Kwong Li
Department of Mathematics, College of William & Mary.
Institute for Quantum Computing, University of Waterloo.

Title

Noncommutative Distances on Graphs: An Explicit Approach via Birkhoff-James Orthogonality

Abstract

We study the problem of calculating noncommutative distances on graphs, using techniques from linear algebra, specifically, Birkhoff-James orthogonality. A complete characterization of the solutions is obtained in the case when the underlying graph is a path.

This is joint work with Pierre Clare, Edward Poon and Eric Swartz

Refreshments in Ross N620 at 2PM

science

