

GRADUATE SEMINAR

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Decoherence of Quantum Markov Systems

MSc Student supervised by Remus Floricel

Thursday August 22nd

10:00

Math Lounge (CW307.20)

Abstract: The main purpose of this presentation is to discuss quantum decoherence in the framework of operator algebras. We will introduce several types of decoherence of quantum Markov systems based on the original notion introduced by Ph. Blanchard and R. Olkiewicz; then we will give a number of sufficient conditions for a quantum Markov system to display decoherence, and explain the relation between them.

