Analysis Seminar

Title: Quantum information via subsystems

Speaker: David Kribs (Guelph)

Date: Thu 9th May 2013 at 3:30PM

Location:

Abstract: In this talk, I'll give an overview of some of my work over the past few years on the underlying mathematics for quantum information. Specifically I'll focus on the use and development of "operator techniques" in fields such as quantum error correction and quantum cryptography. This typically involves viewing qubits as encoded into quantum subsystems; an approach that naturally lends itself to connections with operator theory and operator algebras.