

Kempner Colloquium

GENERALIZED SCHRÖDINGER SEMIGROUPS

Batu Güneysu

Humboldt-University Berlin

In this talk, I will explain how path integral techniques can be extended to deal with the spectral theory of Schrödinger type differential operators (with singular potentials) on bundles over arbitrary noncompact Riemannian manifolds. These operators arise naturally in geometric formulations of Hydrogen type problems.

January 24, 2012

2:00 p.m.

MATH 350