

“Mathemata mathematicis scribuntur.” (Mathematics is written for mathematicians.) — Nicolaus Copernicus, *De Revolutionibus*

The Trivial Notions Seminar
Proudly Announces

Symmetric, but not self-adjoint

A talk by
Ji Oon Lee

Abstract

Self-adjoint operators are of great importance since they are most commonly used and have many good properties as we can see from the Spectral theorem and Stone’s theorem. Unlike the bounded cases, however, unbounded symmetric operators are not necessarily self-adjoint. In this talk, we will find what the criterion for self-adjointness is, how we can find the self-adjoint extensions, and where it can be used, including Hamburger moment problem.

Thursday, March 1st, 2007, 4:15-5:15 pm
Science Center 507