Discrete Mathematics Seminar

Time: Friday, 11 September 2009, 1:00-2:00 PM
Room: 238 Derrick Hall
Title: Some inequalities in functional analysis and probability theory
Speaker: Dr. Liangpan Li, Mathematics Department

Abstract:

In this talk, we will show that many inequalities in functional analysis and probability theory are immediate corollaries of the best approximation theorem in inner product spaces over the reals. As applications, the classical Borel-Cantelli lemma in probability theory will be studied.