

Jaydeb Sarkar
Indian Statistical Institute

Factorizations of Kernels and Reproducing Kernel Hilbert Spaces

Abstract

In this talk we will explain a series of results concerning reproducing kernel Hilbert spaces, related to the factorization of their kernels. In particular, we will talk about (trivial) isometric multipliers for a large class of reproducing kernel Hilbert spaces. We will then discuss a particular type of dilation, as well as a classification of Brehmer/Beurling type invariant subspaces of natural reproducing kernel Hilbert spaces. This is joint work with R. Kumari, S. Sarkar and D. Timotin.

Talk time: 07/19/2016 11:00AM— 07/19/2016 11:30AM

Talk location: Brown Hall 100