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Sampling for multi-parameter spectral theory

Abstract

In this talk we extend the sampling method to deal with the multiparameter spectral theory of Sturm-Liouville systems. To do so, we use the 2-dimensional version of the Whittaker-Shannon-Kotelnikov sampling theorem to find a representation for the characteristic function which leads to the computation of the eigencurves of the system.

Talk time: 2016-07-19 05:30 PM— 2016-07-19 05:50 PM
Talk location: Cupples I Room 218