

GRADUATE SEMINAR

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Inference for Functional Data

Master Student supervised by Dr. Dianliang Deng

Monday, April 2, 2018

3:30 pm

Mathematics and Statistics Lounge (CW 307.20)

Abstract: Functional data analysis (FDA) has become an important and broad research area over the last two decades. It has stimulated new methodological and theoretical developments in this branch. Meanwhile, it offers a variety of effective tools to many directions of research. This talk will introduce some fundamental ideas of FDA in Hilbert spaces. The central mathematical ideas, the covariance operator and its eigenfunctions will be discussed as well. Some examples of FDA application will be compared to results obtained using traditional methods.