

THE UNIVERSITY



OF HONG KONG

Institute of Mathematical Research

Department of Mathematics

Seminar

Orthogonality in the classical discrepancy problem

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Abstract

We shall discuss the problem of upper bounds for the classical mean squares discrepancy. Central to much of this work is the notion of orthogonality. In particular, we show that this features prominently in both probabilistic and deterministic considerations, and enables us to better understand both. The talk will be accessible to anyone who has very basic knowledge of Fourier series.

Date: June 11, 2004 (Friday)

Time: 3:00 – 4:00pm

Place: Room 517, Meng Wah Complex

All are welcome