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Beyond Gaussianity: An Overview of Mittag-Leffler Analysis

Abstract: This talk provides an introduction to non-Gaussian analysis, focusing on Mittag-Leffler measures and their relationship to classical Gaussian analysis. We review the mathematical foundations, including Appell systems and spaces of test and generalized functions, and briefly discuss their applications. Finally, we highlight some developments in Mittag-Leffler analysis.

Keywords: Mittag-Leffler Analysis, Mittag-Leffler Measures, Appell Systems

October 21, 1:05 – 1:50 pm, Room 4-2-314