

İSTANBUL ANALYSIS SEMINARS

TRANSLATION INVARIANT BANACH FUNCTION SPACES

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Abstract: In this talk we will discuss some properties of so-called translation invariant Banach function spaces on compact abelian groups. This class of Banach function spaces includes the rearrangement invariant spaces on such groups, but is much larger and exhibits different features. Translation invariant Banach function spaces arise naturally in the study of Fourier multiplier operators.

The talk is based on joint work with Werner Ricker.

Date: March 7, 2014

Time: 15:40

Place: Sabancı University, Karaköy Communication Center
Bankalar Caddesi 2, Karaköy 34420, İstanbul

İstanbul Analysis Seminars is supported by TÜBİTAK.