



Analysis Seminar

“Applications of Unbounded Convergences to Dunford-Pettis and Compact Operators”

By

Niyazi Gezer (METU)

Abstract: Unbounded order convergence was first studied by Nakano in the 1940s in connection with Birkhoff’s ergodic theorem. Various types of convergences on Banach lattices and their unbounded versions have been studied since then.

One of the aims of the present talk is to demonstrate several properties of unbounded absolutely weak Dunford-Pettis and unbounded absolutely weak compact operators acting on Banach lattices. This is a joint work with Nazife Erkurşun-Özcan and Omid Zabeti.

Date: Monday, December 2, 2019

Time: 14:00-15:00

Place: Mathematics Seminar Room, SA – 141

Tea and cookies will be served after the seminar.