

המחלקה למתמטיקה, בן-גוריון

קולוקוויום

ביום שלישי, 14 באפריל, 2015

בשעה 14:30 – 15:30

ב-101 Math

ההרצאה

theory Ramsey additive and selections, Algebra,

תינתן על-ידי

University) Ilan (Bar Tsaban Boaz

תקציר: Improving upon Schur, Hilbert, and others, Hindman proved a long-standing conjecture that for each finite coloring of the natural numbers, there are infinite sets of numbers such that all finite sums of elements from the set have the same color. This theorem was proved using topological and algebraic methods. In this lecture, we will discuss the proof of Hindman's theorem and its generalizations. We will also discuss the Menger-Kakutani selection principle and its applications to topology and algebra.

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