המחלקה למתמטיקה, בן-גוריון

קולוקוויום

ביום שלישי, 14 באפריל, 2015

בשעה 14:30 – 14:30

101- Math

ההרצאה

theory Ramsey additive and selections, Algebra,

תינתן על-ידי

University) Ilan (Bar Tsaban Boaz

establishing and others, and Schur, Hilbert, of theorems upon Improving :תקציר: the of coloring finite each for that, proved Hindman conjecture, longstanding a from elements of sums finite all that such set infinite an is there numbers, natural topological and algebraic the used Glazer and Galvin color. same the have set the very a provide to lecture) the in defined be (to ultrafilters of set the of structure leading the became soon This Theorem. Hindman's of proof elegant and clear

fields. related and arithmetic in theorems coloring establishing for method surprising a indicate and proof, and method Galvin-Glazer the survey will We degenerate) sense, a (in special a is theorem Hindman's that discovery, recent introduced property a with spaces topological of covers open about theorem a of case Galvin-Glazer the of extensions to addition in uses, proof The Menger. Karl by principles. selection and games infinite theory, we particular, In audience. mathematical general a at aimed be will talk The price The above. mentioned concepts the of any with familiarity assume not do for laborious and subtle too are these details; proof provide not will we that is beautful this to introduction the on be will emphasis The talk. colloquium a connection.