המחלקה למתמטיקה, בן-גוריון

לוגיקה, תורת הקבוצות וטופולוגיה

ביום שלישי, 26 בדצמבר, 2017

בשעה *12:15 – 13:30*

ב *Math -101*

ההרצאה

of class the in structures template for Searching geometries initio ab Hrushovski

תינתן על-ידי

(BGU) Mermelstein Omer

תקציר: distinguishes formulation, modern in conjecture, trichotomy Zilber's disintegrated/trivial, — sets minimal strongly of geometries of flavours three classic a has flavours three these of Each ACF. an of geometry the and modular, an and field, prime a over space projective a structure, no with set a — "template" with constructions initio ab of class The respectively. field, closed algebraically geometries of flavour new a features conjecture the refuted Hrushovski which structure. algebraic any prohibiting yet non-modular, — class the for structures "template" defining towards step a take we talk this In intuitively presenting After constructions. Hrushovski initio ab (CM-trivial) of predimension Hrushovski's generalize we construction, Hrushovski initio ab standard the constructions Hrushovski certain to associated geometries the that showing function,

elaborate we permits, time If themselves. constructions initio ab essentially, are, geometries of class the generate may structures \emph{geometric} these how on operation. fusion Hrushovski the under constructions initio ab of