המחלקה למתמטיקה, בן-גוריון

לוגיקה, תורת הקבוצות וטופולוגיה

ביום שלישי, 6 ביוני, 2017

13:30 – 12:15 בשעה

101- Math⊐

ההרצאה

ordered and fields henselian dependent Strongly groups abelian

תינתן על-ידי

(BGU) Hasson Assaf

in Shelah by introduced was property non-independence strong The דקציר:
property independence the without theories of class the within capture, to order Shelah theories. super-stable of class the of analogue an theories), dependent (aka non-independence strong the with field infinite any that (roughly) conjectured or closed algebraically closed, real either is dependent) strongly (aka property (Johnson) solved was conjecture The valuation. (henselian) definable a supports open. wide remains otherwise and fields, dp-minimal of case special very the in with closed "algebraically (replacing conjecture the believe experts most fact, In and property, independence the without fields all of true be to closed "separably unclear. remains fields of classes two the between line division algebraic the

groups abelian ordered dependent strongly that show will we talk the In of interpretability the suggest and characterisation, algebraic simple a have do fully yet (not new a as dependent strongly not are which groups abelian ordered line. division conjectural satisfactory)

dependent strongly of classfication the from draw will we allows time If henselian dependent strongly concerning conclusions some groups abelian ordered necessarily not – v valuation henselian any then dependent strongly is K fi (e.g., fields group). value and field residue dependent strongly has K on – definable will any) (fi use little and sefl-contained less, or more be, to aim will talk The terms. theoretic model technical of made be Halevi. Yatir with work joint on (mostly) Based