המחלקה למתמטיקה, בן-גוריון

לוגיקה, תורת הקבוצות וטופולוגיה

ביום *שלישי, 22 בדצמבר, 2015*

בשעה *12:15 – 13:40*

ב-*Math 101*

ההרצאה

clone a of action the of reconstruction the On structure algebraic its from

תינתן על-ידי

Negev) the of University (Ben-Gurion Rubin Mati

תקציר: set a of permutations of group a is G fi that proved McKenzie Ralph A on G of action the then ,1 and 6 from dffierent cardinality with A formulas. order first using G group the from recovered be can itsefl to A set a from functions of semigroups for problems analogous The seems). it (so considered been not have A on clones for and theorem. McKenzie's of analogues four present shall I them. of one is Here and 6 from dffierent is cardinality whose set a be A Let :1 Theorem all containing A to A from functions of semigroup a be S let and ,1 the from recovered be can A on S of action the Then A. of transpositions formulas. order first using S semigroup the of structure algebraic

are there fi semi-transposition, a called is A to A from f function A fi A: in c every for and b, equals $f(a)$ that such A in a,b distinct c$. = $f(c) then a$, $c\neq be S let and ,1 from dffierent cardinality whose set a be A Let :2 Theorem of semi-transpositions all containing A to A from functions of semigroup a structure algebraic the from recovered be can A on S of action the Then A. formulas. order first using S semigroup the of

true. also are clones for 2 and 1 Theorems of analogues The :3 Theorem and functions of semigroups for both questions open several present shall I clones. for