המחלקה למתמטיקה, בן-גוריון

לוגיקה, תורת הקבוצות וטופולוגיה

ביום *שלישי, 17 בנובמבר, 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: Beer University, Gurion Ben Rubin Matatyahu and Maissel Yonah of permutations of group a is G fi that proved McKenzie Ralph Israel Sheva, A on G of action the then ,1 and 6 from dffierent cardinality with A set a analogous The formulas. order first using G group the from recovered be can on clones for and itsefl to A set a from functions of semigroups for problems of analogues four present shall I seems). it (so considered been not have A whose set a be A Let :1 Theorem them. of one is Here theorem. McKenzie's from functions of semigroup a be S let and ,1 and 6 from dffierent is cardinality A on S of action the Then A. of transpositions all containing A to A first using S semigroup the of structure algebraic the from recovered be can fi semi-transposition, a called is A to A from f function A formulas. order

$c fi A$: \in $c every for and b$, = $f(a) that such A$ \in $a,b distinct are there dffierent cardinality whose set a be A Let :2 Theorem c$. = $f(c) then a$, \neq all containing A to A from functions of semigroup a be S let and ,1 from from recovered be can A on S of action the Then A. of semi-transpositions Theorem formulas. order first using S semigroup the of structure algebraic the present shall I true. also are clones for 2 and 1 Theorems of analogues The :3 clones. for and functions of semigroups for both questions open several