המחלקה למתמטיקה, בן-גוריון

## לוגיקה, תורת הקבוצות וטופולוגיה

ביום שלישי, 22 בדצמבר, 2015

בשעה 12:15 – 13:40

101- Math

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

set a of permutations of group a is \$G\$ fi that proved McKenzie Ralph :גקציר: \$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

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