

המחלקה למתמטיקה, בן-גוריון

קולוקוויום

ביום שלישי, 7 ביוני, 2022

בשעה 14:30 – 15:30

ב-101 Math

ההרצאה

of representations partial Inclusion-exclusion, Specht nonassociative and semigroups, polynomials

תינתן על-ידי

(BIU) Vishne Uzi

תקציר: The of dimension space the of products multilinear of higher commutators
is equal to the number of derangements, Our $[e^{-1}]_n$ search for a combinatorial
explanation for this fact led us to study representations of left regular bands,
whose resolution is obtained through analysis of partial cubical representations.
There are applications, in combinatorics, probability, and nonassociative algebra.