

המחלקה למתמטיקה, בן-גוריון

הסתברות ותורה ארגודית

ביום שלישי, 12 באפריל, 2016

בשעה 10:50 – 12:00

בMath-101

ההרצאה

permutation generic and subgroups isolated On representations.

תינתן על-ידי

(BGU) Glasner Yair

תקציר: The subspace $\text{Sub}(G)$ of all subgroups of a countable group G admits a natural topology. What does the topological structure of $\text{Sub}(G)$ tell us about G ? The algebraic structure of the group G corresponds to isolated points in $\text{Sub}(G)$. A view from special algebraic points will show that isolated points in $\text{Sub}(G)$ are very special. In the permutation group theory, the condition is reflected in a surprising way. The groups generated finitely for how show And G . of theory representation separable) (subgroup LERF of notion the generalizes groups solitary of notion groups.

The talk is based on joint work with Daniel Kitroser and Jullien Melleray.