

Department of Mathematics, BGU

Colloquium

On *Tuesday, November ,20 2018*

At *14:30 – 15:30*

In *Math 101-*

Gili Golan (BGU)

will talk about

Invariable generation of Thompson groups

Abstract: A subset S of a group G invariably generates G if for every choice of $g(s) \in G, s \in S$ the set $\{s^{g(s)} : s \in S\}$ is a generating set of G . We say that a group G is invariably generated if such S exists, or equivalently if $S=G$ invariably generates G . In this talk, we study invariable generation of Thompson groups. We show that Thompson group F is invariably generated by a finite set, whereas Thompson groups T and V are not invariable generated. This is joint work with Tsachik Gelander and Kate Juschenko.