Department of Mathematics, BGU

Logic, Set Theory and Topology

On *Tuesday, December ,20 2016*

At *12:15 − 13:30*

In *Math 101-*

Menachem Kojman (BGU)

will talk about

Induced Ramsey Theory in inverse limits

Abstract: For every finite ordered graph H there is a natural number $k(H)>1$ such that whenever all copies of H in the ordered inverse limit of all finite ordered graphs are partitions to finitely many Borel parts, then there is a (closed) copy of the inverse limit graph in itsefl whose copies of H meet at most $k(H)$ many parts.

The probability that a random ordered graph on n vertices satisfies $k(H)=1$ tends to 1 as n grows.

Joint work with S. Geschke and S. Huber.