Department of Mathematics, BGU

Probability and ergodic theory (PET)

On *Tuesday, December ,15 2015*

At *10:50 − 12:00*

In *Math 101-*

Izhar Oppenheim (BGU)

will talk about

Strengthening of Banach property (T) and applications

Abstract: Property (T) was introduced by Kazhdan in 1967 as a way to establish compact generation of groups and since then was found useful for many other applications such as group cohomology and expander graphs. I will introduce a new notion of property (T) in Banach spaces, present a criterion for the fuflillment of this property and discuss its applications to the construction of Banach expanders and to group fix point properties in Banach spaces.