Department of Mathematics, BGU

AGNT

On *Wednesday, May ,22 2019*

At *15:10 − 16:25*

In *101-*

Sergey Fomin (University of Michigan)

will talk about

Morsfiications and mutations

Abstract: I will discuss a somewhat mysterious connection between singularity theory and cluster algebras, more specfiically between the topology of isolated singularities of plane curves and the mutation equivalence of quivers associated with their morsfiications. The talk will assume no prior knowledge of any of these topics. This is joint work with Pavlo Pylyavskyy, Eugenii Shustin, and Dylan Thurston.