

1172-55-284

Sarah Yeakel* (sarahy@ucr.edu) and **Inbar Klang**. *Isovariant fixed point theory*.

An isovariant map is an equivariant map which preserves isotropy groups. Isovariant maps show up in equivariant surgery theory and in other settings when homotopy theory is applied to geometry. For a finite group G , we will discuss the question of when an isovariant map can be modified by a homotopy to remove its fixed points. This is joint work with Inbar Klang. (Received August 30, 2021)