

1171-57-233 **Sujoy Mukherjee*** (mukherjee.166@osu.edu). *Remarks on torsion in Khovanov homology.*

Khovanov Homology (KH), an invariant of knots and links, is a categorification of the Jones polynomial. \mathbb{Z}_2 torsion is very common in KH. However, other torsion groups appear rarely.

In this talk, I will focus on recent developments regarding non- \mathbb{Z}_2 torsion in KH. After discussing some infinite families of knots and links with non- \mathbb{Z}_2 torsion, I will establish that torsion in KH can be arbitrarily large. Finally, I will mention some current ideas related to torsion in the KH of hyperbolic knots and links. (Received August 17, 2021)