

1163-57-321

Irving Dai, Jennifer Hom* (hom@math.gatech.edu), **Matthew Stoffregen** and **Linh Truong**. *Knot concordance invariants and homomorphisms*.

Knots under the operation of connected sum form a monoid. This set fails to be a group, since it lacks inverses. However, modulo a certain equivalence relation called concordance, we do obtain a group, called the knot concordance group. We will discuss some knot concordance invariants coming from knot Floer homology. This is joint work with I. Dai, M. Stoffregen, and L. Truong. (Received September 02, 2020)