

1108-57-471

John A. Baldwin (john.baldwin@bc.edu) and **Adam S. Levine***

(asl2@math.princeton.edu). *Khovanov homology and knot Floer homology*. Preliminary report.

There are spectral sequences relating Khovanov homology to a variety of other homological link invariants, including the Heegaard Floer homology of the branched double cover and instanton knot homology. However, there is no known relationship between Khovanov homology and knot Floer homology, despite considerable computational evidence and numerous formal similarities. I will describe our ongoing efforts to find a spectral sequence relating these two invariants. (Received January 19, 2015)