1158-57-280 Melissa Zhang* (melissa.zhang@uga.edu) and Matthew Stoffregen. Symmetries and Khovanov homology.

Nearly a century ago, P. A. Smith studied symmetries of topological objects and their fixed-point sets under these actions. Nowadays, we can study symmetries through our homology-type invariants in low-dimensional topology. In this talk, we'll explore the implications of a \mathbb{Z}/p action on a link in its Khovanov homology, as well as some decategorified consequences. This is joint work with Matthew Stoffregen. (Received March 02, 2020)