

1019-57-104

Hao Wu* (wu@math.umass.edu), Department of Mathematics & Statistic, Lederle Graduate Research Tower, 710 North Pleasant Stree, Amherst, MA 01003. *Khovanov homology and contact knot theory.*

I will discuss some applications of the Khovanov homology and, more generally, the Khovanov-Rozansky homology in the theory of Legendrian and Transversal knots in the standard contact 3-space. (Received August 09, 2006)