

1131-57-318

**Jozef H. Przytycki** and **Xiao Wang\*** (wangxiao@gwmail.gwu.edu). *Khovanov homology and Hochschild homology.*

Khovanov homology is a powerful invariant of links. In May of 2005, Przytycki pointed out the relation between Hochschild homology of the algebra  $Z[x]/(x^2)$  and Khovanov homology of  $(2, n)$ -torus links. In this work, we will seek for more relation between Hochschild homology and Khovanov homology of other links. (Received July 17, 2017)