

1098-57-247

Hao Wu* (haowu@gwu.edu). *Transverse Khovanov-Rozansky Homologies.*

For $N \geq 1$, the Khovanov-Rozansky homology with potential ax^{N+1} is an invariant for transverse links in the standard contact S^3 . I'll discuss the $\mathbb{Q}[a]$ -module structure of this homology and its behavior under stabilization. (Received January 27, 2014)