

1116-57-1260

Michael A Abel* (maabel@math.duke.edu) and **Matt Hogancamp**. *Stable homology of torus links via categorified one-column Young symmetrizers.*

We construct complexes of Soergel bimodules which categorify the Young idempotents corresponding to one-column partitions. A beautiful recent conjecture of Gorsky and Rasmussen relates the Hochschild homology of categorified Young idempotents with the flag Hilbert scheme. We prove this conjecture for the one-column case and its twisted variants. We also show that this homology is also a certain limit of Khovanov-Rozansky homologies of $(n, nm+k)$ torus links. (Received September 18, 2015)