1163-57-373   **Gage Martin*** (`martaic@bc.edu`). *Khovanov homology and link detection.*

Khovanov homology is a combinatorially defined link homology theory. Due to the combinatorial definition, many topological applications of Khovanov homology arise via connections to Floer theories. A specific topological application is the question of which links Khovanov homology detects. In this talk, we will give an overview of Khovanov homology and link detection, mention some of the connections to Floer theoretic data used in detection results, and sketch a proof that Khovanov homology detects the torus link T(2,6). (Received September 04, 2020)