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Melissa Zhang* (melissa.zhang@uga.edu) and **Linh Truong**. *On Upsilon-like invariants from Khovanov homology.*

Υ is a concordance invariant defined by Ozsváth, Stipsicz, and Szabó from knot Floer homology. By ‘mixing’ the Maslov grading and Alexander filtration, one obtains a 1-parameter family of filtrations, which are used to ‘measure’ a distinguished homology class. The resulting measurements generalize τ .

Khovanov homology’s construction is quite different from knot Floer homology’s, but we’ve learned that the two theories can yield similar types of information. This talk will discuss the constructions in Khovanov homology that resemble that of Υ . This is partly based on joint work with Linh Truong. (Received September 10, 2020)