

1147-57-396

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Filtered Khovanov homology for strong inversions.

Given an appropriate symmetry on a link diagram, the Khovanov complex of the knot can be endowed with an additional differential. This turns out to induce a pair of filtrations, which we aim to describe and exploit. Ultimately, this allows us endow the Khovanov homology of strongly invertible link with an additional grading, which can, for instance, distinguish between distinct symmetries on a given knot. This is joint work with Andrew Lobb. (Received January 22, 2019)