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Przytycki. *Torsion in Khovanov homology of semi-adequate links.*

We analyze torsion in Khovanov homology using the correspondence between Khovanov link homology and well developed theory of Hochschild homology for algebras via chromatic graph homology. We extend A. Shumakovitch's conjecture about the existence of Z_2 -torsion in Khovanov link homology to semi-adequate links, and conjecture existence of higher 2-torsion. (Received January 28, 2014)