Radmila Sazdanovic* (rsazdanovic@math.ncsu.edu), Department of Mathematics, North Carolina Sta, SAS Hall PO Box 8205, Raleigh, NC 27695, and Adam Lowrance. Khovanov homology, chromatic homology, and torsion. Preliminary report.

We show that a suitable version of the chromatic polynomial categorification has no odd torsion. Then we use a partial isomorphism between the categorification of the chromatic polynomial of a graph and Khovanov homology of a related link in order to show that the Khovanov homology of a semi-adequate link has no odd torsion in prescribed gradings. (Received September 18, 2015)