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Adam R Saltz* (saltz.adam@gmail.com). *A Khovanov-theoretic invariant of bridge trisections*. Preliminary report.

We use a beefed-up version of Khovanov homology to assign an A-infinity algebra to a bridge trisection diagram. The chain homotopy type of the algebra is an invariant of the bridge trisection. We will discuss progress towards an isotopy class invariant and topological applications. (Received February 18, 2018)