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Khovanov-type Homology and Homology of Small Categories.

We start from describing Khovanov homology in the context of homology of small categories with coefficients in the functor into $Z[x]/(x^2)$. We then speculate on generalization of Przytycki's and Turner's ideas relating Hochschild homology and Khovanov homology using the tool of barycentric subdivision of small categories. (Received February 18, 2013)