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Heather A Dye*, McKendree University, 701 College Rd, Lebanon, IL 62254, and **Louis Kauffman** and **Aaron Kaestner**. *Virtual knots and Khovanov Homology*.

We construct a Khovanov homology with integer coefficients for virtual knots. We discuss the issue that prevent a straightforward extension of Khovanov homology to virtual knots. We then introduce a modification of the multiplication map that allows Khovanov homology to be extended to virtual knots and links. (Received September 06, 2011)