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Moshe Cohen and **Adam M Lowrance***, 124 Raymond Ave., Box 257, Poughkeepsie, NY
12604. *A categorification of the Tutte polynomial.*

We construct a triply graded homology theory that categorifies the Tutte polynomial of a graph or matroid. We discuss generalizations of the deletion-contraction and duality formulas for the Tutte polynomial. We also discuss relationships to other categorifications of the Tutte polynomial. (Received August 13, 2012)