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**Sarah E. Wright\***, College of the Holy Cross, One College Street, Worcester, MA 01610. *A Twisted Topological  $k$ -Graph and New Aperiodicity Conditions.*

This talk addresses a new type of topological  $k$ -graph constructed from a discrete  $k$ -graph and a continuous functor. We explore this idea as an interesting construction in its own right and see how it demonstrates the benefits gained from new aperiodicity conditions. (Received September 25, 2012)