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)