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Scott A. Taylor*, scott.taylor@colby.edu, and **Maggy Tomova**. *Additive Invariants of Knots, Links, and Graphs in 3-manifolds*.

Bridge number is a classical knot invariant which is additive under connected sum. Tunnel number and Width are two other knot invariants which have a more complicated relationship to additivity. I'll describe two new families of knot (and link and graph) invariants, both related to bridge number, which are additive under connected sum, detect the unknot, and shed light on tunnel number and width. This is joint work with Maggy Tomova. (Received August 12, 2016)