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Scott Taylor*, scott.taylor@colby.edu. *(Non)Additivity of Spatial Graph Invariants.*

Knot invariants such as bridge number and tunnel number can be extended to be invariants of spatial graphs. I'll survey recent joint work showing how tools coming from Heegaard splitting theory can be adapted to study the additivity and non-additivity properties of such invariants under connected sum and trivalent vertex sum. Some of this is based on joint work with Maggy Tomova and other aspects are based on joint work with Qidong He. (Received August 24, 2020)