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Ellen Gasparovic* (gasparoe@union.edu). *The Relationship Between the Intrinsic Cech and Persistence Distortion Distances for Metric Graphs.*

We will look at two persistence-based distances that one may define for metric graphs and discuss progress toward establishing their discriminative capacities. This is joint work with Maria Gommel, Emilie Purvine, Radmila Sazdanovic, Bei Wang, Yusu Wang, and Lori Ziegelmeier. (Received September 15, 2019)