

1153-18-416

Vin de Silva* (vin.desilva@pomona.edu). *Metrics on functor categories.*

I will briefly describe some approaches to defining metrics on functor categories; the primary example will be the interleaving distance familiar from the theory of persistence. If time permits, I will discuss how this applies to Reeb graphs, and will introduce a signal-processing perspective on Reeb graphs. (Received September 02, 2019)