

Graduate Geometry, Topology and Dynamics Seminar

Poset persistent homology

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Abstract: This talk builds on part one from the previous week. I will describe zigzag persistence and generalized persistence modules as functors from posets. Using the right filtration functor of Carlsson and de Silva I will introduce a method to compare two persistence modules connected by a path in the universal persistent homology space.

Wednesday, October 17 at 4:00 PM in 612 SEO