

Slippery Rock University
Department of Mathematics and Statistics

Presents

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“Metric dimension of graphs”

Abstract

In this talk, we consider a model of robot navigation, where a robot moves between locations in a graph G and uses its distances to landmarks in G to determine its location. The minimum number of landmarks to distinguish all of the locations in G is known as the metric dimension of G . We discuss what is known about metric dimension, including recent results and open problems.

Friday, Oct 9th

3:00 p.m.

<https://sru.zoom.us/j/98352961875>

Students are welcome!