COYOTE ON THE EDGE

Time: Tuesdays, 12:00 - 12:45 pm
Location: JB384
Next Talk on 11/5:   *When Graphs Meet Matrices*
                    Speaker - Youngsu Kim

Abstract

Often, it is worth building a "bridge" between areas of mathematics. Graphs are defined as sets of vertices and edges and can be associated with matrices, specifically adjacency and Laplacian matrices. These matrices are symmetric, and graphs can be reconstructed from them. Utilizing these matrices, one can use linear algebra to study graphs. In this presentation, we will explore some known relationships between the eigenvalues of these matrices and the properties of graphs.

Weekly seminar series on graph theory and related topics

Welcome to students/faculty interested in the topic or exploring research opportunities

Contact youngsu.kim@csusb.edu for questions

Organizers

Jeremy Aikin
Gabriel Elvin
Cory Johnson
Youngsu Kim

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