Guangzhou Discrete Mathematics Seminar

On some special eccentricity-based graph

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30 November 2018 (Friday), 4pm to 5pm

Room 416, School of Mathematics, Sun Yat-sen University

The eccentricity $\varepsilon_G(v)$ of a vertex v in a graph G is the maximum distance from v to other vertices in G. The eccentricity is a fundamental concept in metric graph theory. In this talk we report some results on the mathematical properties of several special eccentricity-based graphs, including almost self-centered (ASC) graphs and almost-peripheral (AP) graphs, and the minimum embedding of general graphs into them.

QR code of the
seminar series