报告题目：Distance spectral radius of graphs

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时间：2021-10-21 星期四 9:00-10:00

地点：腾讯会议ID:308 106 097，密码:24680

报告摘要：
The distance spectral radius of a connected graph is the largest eigenvalue of the distance matrix of the graph. It is interest to determine those graphs that uniquely minimize and/or maximize the distance spectral radius over some families of graphs. We report a recent work to determine the unique graph that maximizes the distance spectral radius over all n-vertex cacti with exactly k cycles, where 0\le k\le (n-1)/2, settling a conjecture in [S.S. Bose, M. Nath, S. Paul, On the distance spectral radius of cacti, Linear Algebra Appl. 437 (2012) 2128–2141].