

1146-05-215

Jiang Zhou* (zhoujiang04113112@163.com). *Resistance distance and resistance matrix of graphs.*

For two vertices in a graph G , the resistance distance between them is defined to be the effective resistance between them when unit resistors are placed on every edge of G . In this talk, we report some basic properties and results on resistance distance and resistance matrix of graphs. (Received January 22, 2019)