

学术报告

Spanning trees in bipartite graphs

戈鋆 副教授

四川师范大学

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Venue: Room 108, Center for Applied Mathematics

Abstract: In this talk, we will introduce the electrical network method in counting spanning trees. We will obtain the number of spanning trees in complete bipartite graphs with or without some certain structures. A conjecture by Ehrenborg on a tight upper bound for the number of spanning trees of a bipartite graph will be discussed. A little known and novel method called Wang (王季同, Ki-Tung Wang) algebra in electrical networks and spanning tree enumeration will also be introduced.

欢迎大家参加！