

PROGRESS ON 2 GRAPH THEORY CONJECTURES

Speaker: Qiqin Xie

Shanghai Center for Mathematical Sciences

Time: Wed, Jun 2, 9:30-10:00

Venue: SCMS, Room 102

Abstract: In this talk, I will talk about our latest progress on 2 graph theory conjectures: The Hajós' conjecture, which is a generalization of the famous 4-color theorem; and the Bollobás-Gyárfás conjecture, which is a Ramsey type problem with respect to connectivity.

These are joint works with Shijie Xie, Xingxing Yu, Xiaofan Yuan, Chunlok Lo, and Hehui Wu.