Some new results on packing of sparse graphs

Gexin Yu
University of Illinois at Urbana-Champaign

April 24, 2006

Abstract

Two \(n\)-vertex graphs \(G_1\) and \(G_2\) pack if there exist injective mappings of their vertex sets into \([n]\) such that the images of the edge sets do not intersect. Recently, packing of sparse graphs attracted considerable attention.

In this talk, we present some new results on packing graphs under given degree conditions. The talk is based on joint work with H. Kaul and A. Kostochka.