

Induced subgraphs and Ramsey colorings

Vera T. Sós
Rényi Institute, Budapest

Abstract

What can we say about a graph if it satisfies certain assumptions on the class of induced subgraphs? In a short survey we consider a few cases of this very general question. Some of these are also related to the conjecture that the extremal Ramsey colorings for the complete graphs are pseudo-random or more exactly quasi-random.