

DISJOINT COPIES OF GRAPHS IN EXTREMAL GRAPH THEORY

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Most of graph theory problems were studied firstly for connected graphs. In the talk I will present selected results which involves disconnected ones with the special focus on graphs consisting of disjoint copies of a certain connected graph. These results are connected with widely understood extremal graph theory that explores the extremal (maximum or minimum) properties of graphs subject to certain constraints. The issues I've selected will be Ramsey, Induced Ramsey and Turán numbers.