

Combinatorics Seminar

Wednesday, November 1st, 2023

4:00-5:00 pm in Hume 321

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Hereditary Nordhaus-Gaddum graphs

Abstract

We study the class of graphs, all of whose induced subgraphs almost satisfy the Nordhaus-Gaddum inequality. This class is characterized by exactly 52 forbidden induced subgraphs. Relationship with perfect graphs and algorithmic problems will be discussed. This is joint work with Rebecca Whitman (University of California, Berkeley).