
PAVOL HELL, Simon Fraser University

Variants of interval graphs and related families

In this survey talk I will explore the best analogues of interval graphs (and of closely related families) for digraphs, bigraphs, and for graphs with loops allowed. I will focus on interval graphs, while mentioning other families, including strongly chordal graphs fully discussed in a talk by Cesar Hernandez-Cruz in another session. Most of the results are joint work with Jing Huang, Cesar Hernandez-Cruz, Jephian Lin, Ross McConnell, Arash Rafiey, and others; I will also mention other work by Akbar Rafiey and Arash Rafiey.