
DEREK G. CORNEIL, University of Toronto

Early days of interval graph algorithms

This talk presents a low teck, personal voyage into interval graphs and related graph families. The talk starts with needed definitions of various graph families and early interval graph recognition algorithms leading to a discussion of the Lekkerkerker Boland Theorem and Asteroidal Triple-free graphs. The voyage continues into the role played by graph searches, most notably LexBFS. Along the way, we encounter surprising observations, false steps and shifting perspectives.