Veto Interval Graphs

Breeann Flesch^{*}, Western Oregon University Jessica Kawana, Joshua Laison, Willamette University Dan Lapides, University of California, Berkeley Stephanie Partlow, Wellness, Business and Sports School

We introduce a variation of interval graphs, called veto interval (VI) graphs. A VI graph is represented by a set of closed intervals, each containing a point called a veto mark. The edge ab is in the graph if the intervals corresponding to the vertices a and b intersect, and neither contains the veto mark of the other. In this talk we discuss results and open problems about VI graphs.

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