Distance graph Ramsey Sets
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The distance graph $D_{n,d}$ has the vertex set $\{1, 2, \ldots, n\}$ and two vertices are adjacent if their difference is at most $d$. For given graphs $G$ and $H$ the distance graph $D_{n,d}$ has the arrow property $D_{n,d} \rightarrow (G, H)$ if in every two-coloring of the edges of $D_{n,d}$ there is a subgraph $G$ of the first color or a subgraph $H$ of the second color. The Ramsey set $r_D(G, H)$ contains the smallest pairs $(n, d)$ for which $D_{n,d} \rightarrow (G, H)$. Distance graph Ramsey sets for some small graphs and classes of graphs are presented.

Common work with Heiko Harborth.