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Metric dimension of distance-regular graphs: an update

A *resolving set* for a graph G is a collection of vertices chosen so that any vertex of G is uniquely identified by the list of distances to the chosen few. The *metric dimension* of G is the smallest size of a resolving set.

At the 2009 CMS Summer Meeting in St. John's, I gave a talk entitled "Metric dimension of distance-regular graphs". Since that time, several papers on the subject have been written by myself and others. In this talk, I will give an overview of some recent results for various families of distance-regular graphs, and also some computer calculations determining the metric dimension of some small distance-regular graphs.