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Title: Graph Fall-Colouring

A Fall-Colouring of a graph is a partition of its vertex set into independent dominating sets. In this talk, we will introduce some basic concepts of Graph Theory, and present the problem of Fall-Colouring. We will also explore certain classes of graphs, with respect to their fall-colourability, and will also show some constructions for graphs that conform to certain requirements, both in terms of fall-colourability, and other graph variables.