

RESEARCH PROPOSAL

In Mathematics, Graph Theory is the study of graphs, which are mathematical structures used to model pairwise relations between objects. A graph in this context is made up of vertices (also called nodes or points) which are connected by edges (also called links or lines). Graph Theory is ultimately the study of relationships and Graphs are one of the principal objects of study in Discrete Mathematics. Graph is a mathematical representation of network and it describes the relationship between vertices and edges. Given a set of vertices and edges, which can abstract anything from city layouts to computer data. The purpose of a graph is to present data that are too complicated to be described adequately in the text and in the less space. It is important to provide a clear and descriptive legend for each graph. Moreover Graph Theory has many useful and interesting factors in it. So that, I'm eagerly want to know some knowledge from this huge part of mathematics.