

ON SPLIT EDGE DOMINATION IN VAGUE GRAPHS

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(Received: Mar. 15, 2022 Accepted: Apr. 22, 2022 Published: Jun. 30, 2022)

Special Issue

Proceedings of International Virtual Conference on “Applied Mathematics and Computation– AMC- 2022”

Abstract: The idea of this paper is to further develop the edge control variation which is known as the split edge overwhelming arrangement of the obscure diagrams. We present the thought of split edge ruling set and split edge mastery number in a dubious diagram. Other than that, some related properties with portrayal is likewise investigated.

Keywords and Phrases: Vague graphs, Edge dominating set, Split edge domination set, Split edge domination number, Non- split edge domination set.

2020 Mathematics Subject Classification: 03B60, 06B10, 06B20.

1. Introduction

The investigation of set control in the graph by Ore [7], V. R. Kulli and B. Janakiram [5] utilized the idea of split and non-split domination in graphs for creating some interesting outcomes. S. K. Vaidya and R. M. Pandit [9] conducted their research to find some new results on the idea of edge domination for splitting graphs to determine the edge domination number for larger graphs that is formed through graph operations, on some standard graphs. The split edge domination numbers of a graph by Radha Rajamani Iyer and V. R. Kulli [9], obtained many output for finding and exact values for relationships between parametersP.