

SOME PROPERTIES OF RADIO LABELING TO THE COMPLETE RELATED GRAPHS

JOVIT VINISH MELMA G¹ & STEPHEN JOHN B²

¹P.G. & Research Department of Mathematics, Annai Velankanni College, Tholayavattam, Kanniyakumari, Tamil Nadu, India

²Associate Professor, Affiliated By Manonmaniam Sundaranar University, Abishekapatti, Tirunelveli, Tamil Nadu, India

ABSTRACT

The graph labelling is a fast growing Sector in Graph Theory. In this paper, our aim is to label the Radio Labeling and radio number of the graph $= K_n - (v_i v_j); v_i v_j \in E(K_n)$. Also, we have to establish a general formula for the Radio Labeling to the vertices of the graph.

KEYWORDS: Labeling, Radio Labeling & Radio number

Received: Nov 27, 2020; **Accepted:** Dec 17, 2020; **Published:** Jan 09, 2021; **Paper Id.:** IJMCARDEC20208