

International J. of Math. Sci. & Engg. Appls. (IJMSEA)
ISSN 0973-9424, Vol. 5 No. IV (July, 2011), pp. 265-269

MINIMUM GLOBAL DOMINATING SET OF AN INTERVAL GRAPH

B. MAHESWARI, Y. LAKSHMI NAIDU, L. NAGAMUNI REDDY AND
A. SUDHAKARAIAH

Abstract

Interval graphs have a wide variety of applications to various branches of science and technology. Global domination in graphs occurs in Networks applications. In this paper we present a method for finding a minimum global dominating set in interval graphs.

Key Words : *Complementary graph, Global domination, Interval graphs, Network, Shortest path.*

©2011 Ascent Publishing House