A NOTE ON THE LOCATING-TOTAL DOMINATION IN GRAPHS

MIRKA MILLER (POSTHUMOUS)

School of Mathematical and Physical Sciences
University of Newcastle, Australia
Department of Mathematics
University of West Bohemia, Pilsen, Czech Republic
e-mail: mirka.miller@gmail.com

R. SUNDARA RAJAN

Department of Mathematics, Anna University, Chennai-600 025, India
e-mail: vprsundar@gmail.com

R. JAYAGOPAL, INDRA RAJASINGH

School of Advanced Sciences, VIT University, Chennai-600 127, India
e-mail: jgopal89@gmail.com
indrarajasingh@yahoo.com

AND

PAUL MANUEL

Department of Information Science, Kuwait University, Safat, Kuwait
e-mail: pauldmanuel@gmail.com

Abstract

In this paper we obtain a sharp (improved) lower bound on the locating-total domination number of a graph, and show that the decision problem for the locating-total domination is NP-complete.

Keywords: dominating set, total dominating set, locating-dominating set, locating-total dominating set, regular graphs.

2010 Mathematics Subject Classification: 05C69.

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Received 6 January 2016
 Revised 20 June 2016
 Accepted 20 June 2016