

## A NOTE ON THE LOCATING-TOTAL DOMINATION IN GRAPHS

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### 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.

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