On Domination in Zero-Divisor Graphs

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Abstract. We first determine the domination number for the zero-divisor graph of the product of two commutative rings with 1. We then calculate the domination number for the zero-divisor graph of any commutative artinian ring. Finally, we extend some of the results to non-commutative rings in which an element is a left zero-divisor if and only if it is a right zero-divisor.

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Received by the editors June 22, 2010; revised February 5, 2011.
Published electronically August 3, 2011.
This research was supported in part by a grant from IPM (No. 89050047)
AMS subject classification: 13AXX, 05C69.
Keywords: zero-divisor graph, domination.