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Benjamin Côté, Caroline Ewing, Michael Huhn, Chelsea M Plaut and Darrin Weber*
(dmweber@millikin.edu), 3975 E. Camelot Circle Apt #304, Decatur, IL 62526. *Cut-Vertices and Cut-Sets on Zero-Divisor Graphs.*

We examine minimal sets of vertices which, when removed from a zero-divisor graph, separate the graph into disconnected subgraphs. We classify these sets for all finite commutative rings with identity. (Received February 02, 2010)