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Matthew Devilbiss, Bradley Fain* (bcf0007@auburn.edu), **Ryan Matzke** and **Peter Johnson**. *Note on the Secure-Domination Number of a Graph.*

It is shown that the ratio of the secure-domination number of a graph to its order can be bounded away from $\frac{1}{2}$ in families including arbitrarily large connected graphs. Infinitely many trees and infinitely many connected graphs of girth 6 are found in which the ratio is $\frac{4}{7}$. (Received January 27, 2015)