1116-05-849   **Shaohui Wang***, 115 Northgate Dr PMB2033, University, MS 38677, and **Bing Wei**. *A note on the independent domination number versus domination number.* Preliminary report.

Let $\gamma(G)$ and $i(G)$ be the domination number and the independent domination number of G, respectively. Hedetniemi and Mitchell proved that $i(G)/\gamma(G) = 1$ on line graphs of trees in 1977. Rad and Volkmann posted a conjecture that $i(G)/\gamma(G) \leq \Delta(G)/2$ for any graph G, where $\Delta(G)$ is its maximum degree, see [**?**]. In this note, we verify the conjecture for bipartite graphs. Several graph classes attaining the extremal bound and graphs containing odd cycles with the ratio larger than $\Delta(G)/2$ are provided as well. (Received September 14, 2015)