1033-05-28 **Rong Luo** (rluo@mtsu.edu), Luo Rong, Department of Mathematical Sciences, Middle Tennessee State University, Murfreesboro, TN 37130, and **Yue Zhao*** (yzhao@pegasus.cc.ucf.edu), Yue Zhao, Department of Mathematics, University of Central Florida, Orlando, FL 32816. *On Vizing's Independence Number Conjecture of Critical Graphs.*

In 1968, Vizing conjectured that if a graph G is a Δ-critical graph with n vertices, then $\alpha(G) \leq \frac{n}{2}$, where $\alpha(G)$ is the independence number of the graph G. In this talk, we will talk about some recent results about this conjecture. (Received August 08, 2007)