1067-05-1338   **Ryan C Jones*** (`r3jones1@wmich.edu`), 1024 S. Park St., Apt. 2, Kalamazoo, MI 49001. *On Neighbor-Distinguishing Edge Colorings.*

We introduce a modular edge coloring of a graph, which gives rise to neighbor-distinguishing vertex colorings of the graph. We investigate the relationship between these colorings and proper vertex colorings. Some results and problems are presented. (Received September 20, 2010)