

1067-05-1340 **Kyle Kolasinski*** (kyle.c.kolasinski@wmich.edu), 4435 Dover Hills Dr, Apt 203, Kalamazoo, MI. *On Hamiltonian-Colored Graphs.*

We introduce an edge coloring of a graph based on distances between vertices. From there, we study Hamiltonian properties of these distance-colored graphs. Results and problems are presented on this topic. (Received September 20, 2010)