

1086-05-1390 **Ping Zhang*** (ping.zhang@wmich.edu), Department of Mathematics, Western Michigan University, Kalamazoo, MI 49008. *Hamiltonian Walks in Graphs*.

In 1973 Goodman and Hedetniemi introduced the concept of a Hamiltonian walk in a connected graph, defined as a closed spanning walk of minimum length in the graph. During the 10-year period 1973-83, this concept received considerable attention. In 2003, we introduced an alternative way to look at this concept. This new approach brought renewed interest in this topic and has resulted in increased research on this subject. We discuss some recent results obtained in this area. (Received September 21, 2012)