

1058-05-293

**Michael William Schroeder\*** (schroede@math.wisc.edu), 480 Lincoln Dr, Madison, WI 53706,  
and **Richard A Brualdi** (brualdi@math.wisc.edu), 480 Lincoln Dr, Madison, WI 53706.

*Symmetric Hamilton Cycle Decompositions of Graphs.*

We will define symmetric Hamilton cycle decompositions and prove some existence and non-existence results for certain families of graphs. (Received February 16, 2010)