

1046-05-1376

Mark Ellingham, Michael Plummer and **Gexin Yu*** (gyu@wm.edu), Department of Mathematics, College of William and Mary, Williamsburg, VA 23185. *some results on graph linkage*. Preliminary report.

For a multigraph H , a graph G is H -linked if for every injective mapping $f : v(H) \rightarrow V(G)$, there is an H -subdivision with branch vertex set $f(V(H))$. This notion generalizes k -connected, k -linked and k -ordered.

We will discuss results on H -linkage when H has at most four vertices. (Received September 15, 2008)