Meeting: 1003, Atlanta, Georgia, SS 24A, AMS Special Session on Design Theory and Graph Theory, I

1003-05-128 **Mathew M. Cropper\***, Dept. of Math and Stat, 313 Wallace, EKU, Richmond, KY 40475. *Extending Hall's marriage Theorem to list coloring graphs.* 

This talk concerns the extension of Hall's marriage Theorem for the existence of an SDR to a necessary and sufficient condition for the existence of a list coloring of a graph. A summary of results will be given and problems may be offered. (Received August 10, 2004)