

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, ECU, 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)