

The George Washington University Combinatorics Seminar

Wednesday, November 5, 2008, 4:15 - 5:15 p.m.

Monroe Hall, Room 267
2115 G Street, N.W., Washington, D.C.

Integer functions on the cycle space of a graph

Dan Slilaty (Wright State University)

Consider the space of 1-cycles of a graph G with integer coefficients. We will discuss properties of homomorphisms from this space to the integers and their relationship with directed graphs. Part of the presentation will be a generalization of a 1990 theorem of Pretzel and Youngs.