×

## **Garry Bowlin (Binghamton)**

## Frustrated Gain Graphs and Stanley's Chromatic Symmetric Function

## Abstract for the Combinatorics Seminar 2007 April 24

In traditional gain graph colorings, the coloring set is  $G \times [k]$  or  $G \times [k]$  union  $\{0\}$ . To generalize this we will use arbitrary sets Q, where G acts on Q. Rather than counting proper colorings, we will count fully frustrated states. I will conclude with some examples and a deletion contraction formula for Stanley's Chromatic Symmetric Function. This talk is based on two articles of Thomas Zaslavsky.

From: https://www2.math.binghamton.edu/ - Department of Mathematics and Statistics, Binghamton University

Permanent link: https://www2.math.binghamton.edu/p/seminars/comb/abstract.200704bow

Last update: 2020/01/29 19:03