

VCU Discrete Mathematics Seminar

Edge-coloring Graphs and Multigraphs

Prof Dan Cranston
VCU!

Wednesday, Sept. 6
1:00-1:50
4145 Harris Hall



We survey some beautiful theorems and conjectures in edge-coloring, focusing on graph classes where an obvious lower bound on the edge-chromatic number holds with equality. One of these problems leads us to Tashkinov trees, which are a powerful recoloring tool for edge-coloring multigraphs.

For the DM seminar schedule, see:

<http://www.people.vcu.edu/~dcranston/DM-seminar.html>