

The George Washington University Combinatorics Seminar

Wednesday, March 12, 5:00 - 6:00 p.m.

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

Introduction to discrete Morse theory III: Discovery

Bruce E. Sagan (Michigan State University and NSF)

We will show how Discrete Morse Theory could have been used to actually discover (as well as prove) Björner's formula for the Möbius function of subword order. Sagan and Vatter's work on generalized subword order and some open problems will be discussed.