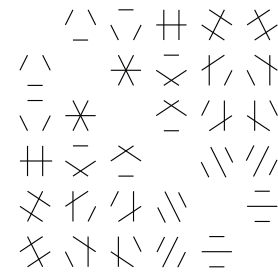


Mathematics Seminar



Rocky Mountain Algebraic Combinatorics Seminar

Homology of spaces, simplicial complexes, and groups

Peter Patzt
University of Oklahoma

I will give a short introduction to the homology of spaces, simplicial complexes, and groups. I start with a little bit of history and motivation.

High dimensional cohomology of arithmetic groups

Peter Patzt
University of Oklahoma

I will talk about about three results about high dimensional cohomology groups of some arithmetic groups (special linear group, symplectic group, and congruence subgroup). In particular, I will explain how to get these results, using highly connected simplicial complexes to find resolutions of the Steinberg module.

Weber 223
4–6 pm, Friday, September 8, 2023
(Refreshments 3:30–4 pm)
Colorado State University
4 pm, Friday, September 8, 2023

This is a joint Denver U / UC Boulder / U of Wyoming / CSU seminar that meets biweekly.
Anyone interested is welcome to join us at a local restaurant for dinner after the talks.



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