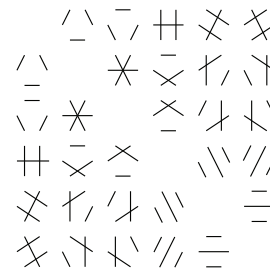# Mathematics Seminar

Rocky Mountain Algebraic Combinatorics Seminar

Classifying the synchronizing permutation groups

Leonard Soicher

Queen Mary, University of London

The study of synchronizing permutation groups arose from a problem in the theory of finite automata, but is now of interest in its own right, with strong connections to certain problems in combinatorics, finite geometry, and computation. I will discuss the computational classification of the synchronizing permutation groups, currently completed up to degree 464.

Weber 223
2 pm, Thursday (!), Dec 2, 2021
Colorado State University
Online via Zoom
`https://zoom.us/j/95321487441?pwd=Tlp4VG9pejZCekJmeDFFb1BzeWpsdz09`, Meeting ID: 953 2148 7441, Passcode: 722523
2 pm, Thursday (!), Dec 2, 2021

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

Colorado State University

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