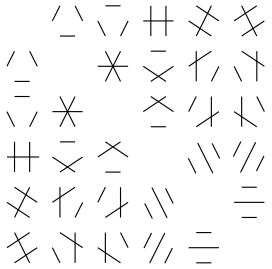
Mathematics Seminar



Rocky Mountain Algebraic Combinatorics Seminar

On Partial Differential encodings of Boolean functions

Edinah K. Gnang
Johns Hopkins University

We describe how combinatorial enumeration and listing problem in connection with structural properties of hypermatrices determine critical aspect of the complexity of Boolean function. The talk will not assume any familiarity with Boolean functions nor hypermatrices.

Constructing Perfect Groups

Alexander Hulpke
CSU

Using new implementations for 2-cohomology and for isomorphism tests, we construct the perfect groups of order up to a million (and beyond), completing a classification started by Holt and Plesken in 1989.

Online via Zoom
`https://zoom.us/j/95321487441?pwd=Tlp4VG9pejZCekJmeDFFb1BzeWpsdz09`, Meeting ID: 953 2148 7441, Passcode: 722523
4 pm, Friday, October 16, 2020
Talk part 1, 4.10-4.40,
Break 4.40-5.10 at `https://gather.town/HQmdvgyabpEL4qpB/RMAC`,
Talk part 2 5:10-5:40

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.

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