2025/09/21 08:46 1/1 Thomas Zaslavsky

Thomas Zaslavsky

Automorphism Groups of Dowling Lattices

Abstract for the Combinatorics and Number Theory and Algebra Seminars 2001 January 23

A Dowling lattice, $Q_n(G)$, of a group G is a thin, graph-theoretic geometrical system which is analogous to a projective geometry over a field in that both are highly symmetrical ``universal'' geometries. Thus the automorphism groups of Dowling lattices are bound to be of some interest. I will discuss and, I hope, expound a paper that shows that the automorphism group of $Q_n(G)$ has no semidirect product decomposition except what it inherits from G.

From:

http://www2.math.binghamton.edu/ - **Department of Mathematics and Statistics, Binghamton University**

Permanent link:

http://www2.math.binghamton.edu/p/seminars/comb/abstract.20010123

Last update: 2020/01/29 19:03