Institute of Geometry

Seminarvortrag

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Seminarraum 2 Geometrie

Mind-boggling toggling

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The toggle group is a simply presented permutation group generated by certain involutions, called toggles. Despite its simple description, the toggle group turns out to be a powerful gadget for finding surprising connections between various objects, discovering intriguing dynamical phenomena, and proving results related to statistical physics. In this talk, we give a tour of the toggle group, with connections to algebra, geometry, combinatorics, and physics.

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