
PETR VOJTECHOVSKY, University of Denver

Connected quandles and transitive groups

Quandles are algebraic and combinatorial structures designed to capture knot colorings. Connected quandles are the basic building blocks of all quandles. We show how to represent connected quandles as certain configurations in transitive groups and how to use this representation to efficiently enumerate small connected quandles. This is joint work with Alexander Hulpke and David Stanovsky.