

Understanding monodromy groups of abstract polytopes

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In this talk I will provide a survey of some recent work on the structure of monodromy groups of abstract polytopes, as well as discussing open problems suggested by these investigations. This talk will emphasize families of well understood examples, and the methods used to study them. Particular areas of emphasis will include connections to representations of polytopes as quotients of regular abstract polytopes, and connections between the monodromy group and the automorphism group of non-regular symmetric polytopes.