

## Regular Covers and Monodromy Groups of Abstract Polytopes

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Recently Egon Schulte and I proved that every finite abstract  $d$ -polytope  $\mathcal{Q}$  has a finite *regular* cover. (Certainly  $\mathcal{Q}$  is covered by the universal  $d$ -polytope  $\mathcal{U}_d$ , which is regular, but infinite, when  $d \geq 2$ .) Along with the technique of *mixing* string groups generated by involutions, we employ the *monodromy* group of  $\mathcal{Q}$ . If time permits, I will say a bit more about such groups, including why - on odd days of the month - I think the phrase 'monodromy group' is here misapplied.