1 The Alternating Groups

1.1 Introduction

$\mathrm{Aut}(A_n) \cong S_n$ for $n \geq 7$ but for $n = 6$ there is an exceptional outer automorphism of S_6.hahahssww subgroup structure (O'Nan-Scott Thm) ddsss hahah

1.2 Permutations

This is about PG hhhhh sddd

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