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Beasley, L.B.; Brenner, J.L.; Erdős, Paul; Szalay, M.; Williamson, A.G.

Generation of alternating groups by pairs of conjugates. (In English)

Creation Math. Sci. 21, 20-23 (1988).

The authors show that the proportion of conjugacy classes of the alternating group of degree n containing a pair of generators of that group approaches 1 as n approaches infinity.

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Classification:

20B35 Subgroups of symmetric groups

20F05 Presentations of groups

20P05 Probability methods in group theory

Keywords:

proportion of conjugacy classes; alternating group; pair of generators