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Combinatorial structure on the automorphism group of S_6 .

Exposition. Math. **11** (1993), *no. 4*, 289–308.

The 720 outer automorphisms of the symmetric group S_6 map the fifteen transpositions (xy) onto the “pseudo-transpositions” $(ab)(cd)(ef)$. The paper collects further explicit material on this subject.

Reviewed by *Michael Klemm* (Fürth)

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