

Dihedral Groups of order $2p$ of Automorphisms of Compact Riemann Surfaces of Genus $p - 1$

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Abstract. In this paper we prove that there is only one conjugacy class of dihedral group of order $2p$ in the $2(p - 1)$ integral symplectic group can be realized by an analytic automorphism group of compact connected Riemann surfaces of genus $p - 1$. A pair of representative generators of the realizable class is also given.