

1025-20-135

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93407. *Automorphisms of right-angled Coxeter groups.*

If W is a right-angled Coxeter group, then Tits showed that $Aut(W)$ is a semidirect product of the subgroup $Aut^0(W)$ of “symmetric automorphisms” by the automorphism group of a certain finite groupoid. We will describe conditions under which $Aut^0(W)$ is a semidirect product of $Inn(W)$ by the quotient $Aut^0(W)/Inn(W)$ and indicate when the two semidirect products are compatible. (Received January 20, 2007)