Self-dual designs and their binary codes obtained from the group $PSL_2(13)$

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Abstract.

We examine self-dual designs and their binary codes constructed from the primitive permutation representations of the group $PSL_2(13)$ of degrees 78 and 91. We show that all of these designs and codes have $PSL_2(13)$ or $PSL_2(13) : 2$ as the full automorphism group.

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