

عنوان مقاله:

{The remoteness of the permutation code of the group  $U_{\{6n}}$

محل انتشار:

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خلاصه مقاله:

Recently, a new parameter of a code, referred to as the remoteness, has been introduced. This parameter can be viewed as a dual to the covering radius. It is exactly determined for the cyclic and dihedral groups. In this paper, we consider the group  $U_{\{6n}}$  as a subgroup of  $S_{\{2n+3}}$  and obtain its remoteness.

.We show that the remoteness of the permutation code  $U_{\{6n}}$  is  $2n+2$ . Moreover, it is proved that the covering radius of  $U_{\{6n}}$  is also  $2n+2$

کلمات کلیدی:

{permutation code, permutation array, remoteness, group  $U_{\{6n}}$

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