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**Title:** The influence of SNS-permutability of some subgroups on the structure of finite groups

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The following concept is introduced: a subgroup  $H$  of the group  $G$  is said to be SNS-permutable (Subnormal-Sylow-permutable) in  $G$  if there is a subnormal subgroup  $B$  of  $G$  such that  $HB = G$  and  $H$  permutes with every Sylow subgroup of  $B$ . Groups with certain SNS-permutable subgroups of prime power order are studied.

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