

## SOME "ANZAHL" THEOREMS FOR GROUPS OF PRIME-POWER ORDERS

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**摘要** <正> In the theory of  $p$ -groups, or groups whose orders are powers of a prime  $p$ , there are a number of the so-called "Anzahl" theorems which relate to the number of sub-groups with a certain property. We shall define a group (?) of order  $p^n$  as of rank  $\delta$ , if the highest order of the elements of (?) is equal to  $p^{n-\delta}$ . By means of this notion the "Anzahl" theorem due to Miller can be restated as follows:

**关键词**

**分类号**

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**Key words**

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