VALUATED p^n-SOCLES AND C_λ n-SUMMABLE ABELIAN p-GROUPS

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Abstract

Let $\lambda \leq \omega_1$ be an arbitrary ordinal and let $n \geq 1$ be an arbitrary natural. We establish a number of results on n-summable and C_λ n-summable abelian p-groups generalizing classical theorems due to Hill and Hill-Megibben proved for direct sums of countable abelian p-groups.

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