

ON SOME SUBCONVEX RECURRENCES

ABSTRACT: Let be $p \in \mathbb{N}^*$ an arbitrary positive integer. The notion of "subconvex sequence" of order p is given at 1.1. The fact that every subconvex sequence of order 2 is convergent is proved in Theorem 2.2. In Theorem 3.4 are given sufficient conditions for the convergence of a subconvex sequence of order p .

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