

ON A SUMMABILITY FACTOR THEOREM

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Abstract. Let $1 < k \leq s < \infty$. In the present paper we obtain sufficient conditions for a series $\sum a_n$, which is absolutely summable of order k by a weighted mean method to be such that $\sum a_n \lambda_n$ is absolutely summable of order s by a triangular matrix. As corollary of this result we obtain an inclusion theorem.

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