

GENERAL INCLUSION RELATIONS FOR ABSOLUTE SUMMABILITY

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Abstract. We obtain sufficient conditions for the series $\sum a_n$, which is absolutely summable of order k by a triangular matrix method A , $1 < k \leq s < \infty$, to be such that $\sum a_n$ is absolutely summable of order s by a triangular matrix B . As corollaries, we obtain a number of inclusion theorems.

Mathematics subject classification (2000): 40G99, 40G05, 40D15.

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