

ON THE QUASI MONOTONE AND GENERALIZED POWER INCREASING SEQUENCES AND THEIR NEW APPLICATIONS

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Abstract. In this paper, we prove a general theorem dealing with $|C, \alpha, \gamma, \beta; \sigma|_k$ summability factors by using a general class of power increasing sequences instead of an almost increasing sequence. This theorem also includes several known and new results.

Mathematics subject classification (2010): 26D15, 40D15, 40F05, 40G05, 40G99.

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