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The σ -convergence and σ -core of double sequences

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Abstract

The σ -convergence and σ -core of a real bounded sequence were introduced in [R. Raimi, Invariant means and invariant matrix methods of summability, *Duke Math. J.* 30 (1963) 81-94] and [S.L. Mishra, B. Satapathy, N. Rath, Invariant means and σ -core, *J. Indian Math. Soc.* 60 (1984) 151-158], respectively. In this work, we extend these ideas to double sequences. © 2006 Elsevier Ltd. All rights reserved.

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