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Title: On double sequences of continuous functions having continuous P-limits

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The goal of this paper includes the four-dimensional matrix characterization of double sequence of functions. However the main goal is to present answer to the following question. Is it necessarily the case that if $s_{m,n}(x)$ is a bounded for all (m, n) and x with continuous elements and P-converges to a continuous function there exists an RH -regular matrix transformation that maps $(s_{m,n}(x))$ into a uniformly P-convergent double sequence?

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