

ALMOST CONVERGENCE AND QUINTET BAND MATRIX

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Abstract. In this study, we define the sequence spaces $f(G(r, s, t, u, v))$, $f_0(G(r, s, t, u, v))$ and $fs(G(r, s, t, u, v))$. We demonstrate that these newly defined spaces are BK -spaces and are linearly isomorphic to the sequence spaces f , f_0 and fs , respectively. Additionally, we provide the Schauder basis and determine the β - and γ -duals of these spaces. Finally, we characterize certain matrix classes associated with these spaces.

Mathematics subject classification (2020): 40C05, 40H05, 46B45.

Keywords and phrases: Matrix domain, Schauder basis, β - and γ -duals, Banach limits, almost convergence and matrix classes.

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