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On subspaces isomorphic to ℓ^q in interpolation of quasi Banach spaces

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 [Keywords](#)
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Abstract: We show that every sequence $\{x_n\}_{n=1}^{\infty}$ in a real interpolation space $(E_0, E_1)_{\theta, q}$, $0 < \theta < 1$, $0 < q < \infty$, of quasi Banach spaces E_0, E_1 , which is 0-convergent in $E_0 + E_1$ but $\inf_n \|x_n\|_{(E_0, E_1)_{\theta, q}} > 0$, has a subsequence which is equivalent to the standard unit basis of ℓ^q .

Key Words: real interpolation method, quasi Banach spaces.



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