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Abstracts of Short Communications and Posters

Section:

8. Analysis

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Twisted sums of classical Banach spaces
Fix two Banach spaces S and Q. Given a Banach space X containing S for which X/S is isomorphic to Q, need X be isomorphic to the direct sum of S and Q? We consider this problem for the case when S and Q are classical function spaces. We are particularly interested in the case when $S = c_0$ and Q is not separable.