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Correction to "Unconditionally converging and Dunford–Pettis operators on $C_X(S)$"

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by

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There is an error in Theorem 3 of the paper. The measurability of the function F from S into $l^\infty(X)$ does not follow immediately from the result of G. E. F. Thomas that is cited (reference [17]). In order to apply this result one needs that F has range in a norm separable subspace of $l^\infty(X)$. F has range in the subspace of $l^\infty(X)$ consisting of those sequences which tend to 0 weakly and this subspace may not be separable even when X is separable. About the only obvious situation when this subspace is separable is when weak and norm convergent sequences in X coincide; this is, of course, the case when $X = l^1$ a situation discussed by I. Dobrakov ([8], Theorem 13).

The method of proof of Theorem 3 is also employed in the proof of Theorem 1 and it works at this point because the space $l^1_\omega(X)$ is norm separable when X is separable.

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