

ERRATUM TO "RENORMING THE BANACH SPACE c_0 "

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The theorem on p. 632 is false without an additional hypothesis.

The proof becomes correct if the definition of Q -subset is strengthened to include the condition:

(C) For some $\rho > 0$, $(\varphi_1 - \varphi_2)/\|\varphi_1 - \varphi_2\| \in \Phi$ whenever $\|\varphi_1 - \varphi_2\| < \rho$ and both φ_1 and φ_2 belong to Φ ;

and if, in lines 7-8 on p. 633, $\frac{1}{2}(\Delta_{n+1} - \Delta_n)$ is replaced by $\min\{\frac{1}{2}(\Delta_{n+1} - \Delta_n), \rho\}$ and $\|x_k\|$ is replaced by $\|x_k\|$.

R. C. James, *Renorming the Banach space c_0* , Proc. Amer. Math. Soc **80** (1980), 631-634.

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