ERRATUM TO "RENORMALING THE BANACH SPACE $c_0$"

ROBERT C. JAMES

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 $\varphi_1$ and $\varphi_2$ belong to $\Phi$;

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


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