

ERRATA TO “INTERPOLATION PROBLEM FOR ℓ^1 AND AN F -SPACE”

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Let B be an F -space with an invariant metric d . The author shows Theorem 2.1 in [1] for an arbitrary metric d . But the proof is not true except when $d(\alpha f, 0) = |\alpha|^p d(f, 0)$ where $\alpha \in \mathbb{C}, 0 < p \leq 1$ and $f \in B$. The author uses (i) of Theorem 2.1 in the proof of (iii) \Rightarrow (iv) of Theorem 3.1. The usual metric on the Smirnov class $B = N_+(D)$ does not satisfy $d(\alpha f, 0) = |\alpha|^p d(f, 0)$. Hence he has not proved (iii) \Rightarrow (iv). In the proof of Theorem 4.1, the author uses (i) \Rightarrow (iv) of Theorem 3.1. Hence he has not proved the statement about $B = N_+(D)$.

References

- [1] T. Nakazi, Interpolation problem for ℓ^1 and an F -space, Nihonkai Math J. 19 (2008), 75–83.

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