

ERRATUM

“NOTES ON INTERPOLATION OF HARDY SPACES”

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Article paru dans le tome 42 (1992), fascicule 4, pp. 875-889

This is to correct an error in my paper “Notes on interpolation of Hardy spaces” in Ann. Institut Fourier, 42-4 (1992), 875-889.

The error lies in the passage from line 8 to line 9 in page 886. It can be corrected by modifying the definitions of v_k and u_k in page 884; v_k and u_k are now changed as follows

$$v_k = \left(\sum_{j=k-1}^{k_1-1} 2^{pj/2} m(e_j) \right)^{1/p},$$
$$u_k(s) = \sum_{j=k-1}^{k_1-1} 2^{-pj/2} w_j(s), \quad s \in [0, 1].$$

With this change, the a_k 's in page 884 are all equal to 1; everything else goes on in the same way with some necessary minor modifications, except relations (16) and (18), which now read respectively as

$$\int_0^1 f^*(s) g_k(s) u_k(s) = \left(\sum_{j=k-1}^{k_1-1} 2^{pj/2} m(e_j) \right)^{1/p} = v_k,$$

and

$$\int_{\mathbb{T}} |\varphi_k|^{p/2} \leq C 2^{-pk/2} v_k^p.$$
