

**ERRATUM TO “INJECTIVE FACTORIZATION  
 OF HOLOMORPHIC MAPPINGS”**

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The proof of [2, Theorem 4], part (a)  $\Rightarrow$  (b), is not correct because the function  $q_i$  is not a seminorm.

Instead, we may follow the scheme of [1, Theorem 1], part 4  $\Rightarrow$  (5). Indeed, let  $K_i \subset E_i^*$  be the image by  $A_i^*$  (the adjoint of  $A_i$ ) of the unit ball of the dual space  $\mathcal{L}^{k-1}(E_1, \dots, E_k; F)^*$ . Let

$$L_i := \bigcap_{j=1}^{\infty} (j^{k-1}K_i \cup j^{-1}B_{E_i^*}).$$

Denote by  ${}^\circ L_i$  the polar of  $L_i$  in  $E_i$ . As in [1], it can be shown that, for  $x_i \in {}^\circ L_i$  ( $1 \leq i \leq k$ ), we have  $\|A(x_1, \dots, x_k)\| \leq 1$ .

If  $q_i$  is the gauge of  ${}^\circ L_i$ , let  $Y_i$  be the completion of  $(E_i / \ker(q_i), q_i)$ , and define  $T_i : E_i \rightarrow Y_i$  by  $T_i x := x + \ker(q_i)$ . Then

$$\begin{aligned} \|A(x_1, \dots, x_k)\| &\leq q_1(x_1) \cdot \dots \cdot q_k(x_k) \\ &= \|T_1 x_1\| \cdot \dots \cdot \|T_k x_k\|. \end{aligned}$$

On the other hand, we have

$$\begin{aligned} \|T_i x\| &= q_i(x) \\ &= \sup\{|\langle \phi, x \rangle| : \phi \in L_i\} \\ &\leq \sup\left\{|\langle \phi, x \rangle| : \phi \in \bigcap_{j=1}^{\infty} (j^{k-1}K_i + j^{-1}B_{E_i^*})\right\} \\ &\leq \inf\{j^{k-1}\|A_i x\| + j^{-1}\|x\| : j \in \mathbf{N}\}. \end{aligned}$$

Therefore, by Lemma 1,  $T_i \in \mathcal{U}$  for  $1 \leq i \leq k$ .

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