

CORRIGENDUM
ON HILBERT TRANSFORM IN CONTEXT OF
LOCALLY COMPACT ABELIAN GROUPS
IJPAM, 51, No. 4 (2010), 463-474

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The last two paragraphs of my paper: Hilbert transform in context of locally compact Abelian groups, *International Journal of Pure and Applied Mathematics*, **51**, No. 4 (2009), 463-474, should be as follows.

Define by $H^p T(G)$ the closure of $L_T^p(G) \cap H_T^2(G)$ in $L^p(G)$ endowed with L^p -norm and let the conditions of Lemma 22 holds. Then P_+ extends from $L_T^p(G) \cap L_T^2(G)$ to a bounded projection $P_+ : L_T^p(G) \rightarrow H_T^p(G)$.

Definition 23. Let the function $\varphi \in L^\infty(G)$ satisfies $\varphi H_T^p \subseteq L_T^p$ and $1 < p < \infty$. Then under the conditions of Lemma 22 the operator

$$T_\varphi f = P_+(\varphi f)$$

is linear bounded in $H_T^p(G)$. We call this operator a *Toeplitz operator* (with symbol φ).

