ERRATUM TO “ON A THEOREM OF E. LUKACS”

PAUL EMBRECHTS

J. De. Cannière (University of Leuven) kindly reported to the author that the proof of the theorem in [1, p. 293] is incomplete whenever

\[ H = \{ \gamma \in \Gamma: \forall x \in G \ K(x, \gamma) = 0 \} \neq \emptyset. \]

Therefore, the final conclusion about \( K \) should read:

\[
K(x, \gamma) = 0, \quad \gamma \in H,
\]

\[
= g(\gamma)(x), \quad \gamma \in \Gamma \setminus H,
\]

where \( g: \Gamma \setminus H \to \Gamma \) has a dense range.

\( H \) being open and closed, the difficulty does not occur when \( \Gamma \) is connected, as in the \( G = \mathbb{R} \) case.

REFERENCES