CORRIGENDUM

Note on a Theorem of Myrberg*

By J. Gillis

On p. 421, line 30, of that note I remark "$\delta(x)$ is a lower semi-continuous function of x". That statement is, in general, untrue. The proof should rather run as follows:

The subset $E_1^{(\alpha)}$ of E_1 where $\delta(x) \geqslant \alpha > 0$ is clearly closed and, as α tends to 0, $h-mE_1^{(\alpha)}$ tends to $h-mE_1$. Hence, by taking α sufficiently small, we find a closed subset of E_1, of positive h-measure, every point x of which has the property that

$$h-m[E \times (x-d, x)] \leqslant 2h(d) \quad \text{and} \quad h-m[E \times (x, x+d)] \leqslant 2h(d),$$

whenever $0 < d \leqslant \alpha$. We may call this subset again E_1 and the proof, from the top of p. 422, goes as before.

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