

CORRECTION TO
‘ON THE POSITIVITY OF RIEMANN–STIELTJES
INTEGRALS’

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Abstract

We correct two minor errors in Theorem 2.1 of Lukkarinen and Pakkanen [‘On the positivity of Riemann–Stieltjes integrals’, *Bull. Aust. Math. Soc.* **87** (2013), 400–405].

Firstly, the statement of [1, Theorem 2.1] should include the additional assumption

$$\lim_{n \rightarrow \infty} \bar{x}_n = a, \tag{1}$$

which is, in fact, implicitly used in the current proof. Secondly, the definition of the function g on the penultimate line of the proof of Theorem 2.1 should be changed to $g := h_{\mathcal{X}_{[a, \bar{x}_{n_0}]}}$.

Acknowledgement

We thank Gerald Teschl for pointing out the need for the assumption (1).

Reference

- [1] J. Lukkarinen and M. S. Pakkanen, ‘On the positivity of Riemann–Stieltjes integrals’, *Bull. Aust. Math. Soc.* **87** (2013), 400–405.

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