
ERRATA

ERRATUM TO “A NEW CLASS OF ABELIAN THEOREMS FOR THE MEHLER–FOCK TRANSFORMS” [RJMP 24 (1), 124–126 (2017)]

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The following errors were found in the paper.

The displayed formula on page 126, line 8 from above, reads

$$e^{(n+\frac{1}{2})t} f(\cosh t) = \beta \cdot e^{(n+\frac{1}{2})t} \cdot \beta \cdot \frac{t^\gamma}{(\sinh t)^{n+1}}.$$

It should read

$$e^{(n+\frac{1}{2})t} f(\cosh t) = \beta \cdot e^{(n+\frac{1}{2})t} \frac{t^\gamma}{(\sinh t)^{n+1}}.$$

Formula (3.3) on page 126, line 13 from above is written in the form

$$\lim_{t \rightarrow 0^+} \{t^{-\gamma+n+1} f(\cosh t)\} = \lim_{t \rightarrow 0^+} \left\{ t^{-\gamma+n+1} \frac{t^\gamma}{(\sinh t)^{n+1}} \right\} = \beta. \quad (3.3)$$

It should read

$$\lim_{t \rightarrow 0^+} \{t^{-\gamma+n+1} f(\cosh t)\} = \lim_{t \rightarrow 0^+} \left\{ t^{-\gamma+n+1} \cdot \beta \cdot \frac{t^\gamma}{(\sinh t)^{n+1}} \right\} = \beta. \quad (3.3)$$