CORRIGENDUM TO
"THE DERIVATIVE OF BAZILEVIC FUNCTIONS"

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There is a rather serious typographical error in our paper The derivative of Bazilevic functions, 104 (1988), 235–238. The inequality in the theorem on page 235 is incorrect as printed. The correct statement is as follows:

Theorem. For \( f \in B_0(\alpha) \) and \( |z| < r < 1 \),

\[
\frac{1-r}{\alpha(1+r)} \int_0^1 t^{\alpha-1} \frac{1-tr}{1+tr} \, dt \leq \left| \frac{zf'(z)}{f(z)} \right| \leq \frac{1+r}{\alpha(1-r)} \int_0^1 t^{\alpha-1} \frac{1+tr}{1-tr} \, dt.
\]

The left-hand and right-hand inequalities are sharp in \( B_0(\alpha) \) for the function

\[
f_0(z) = z \left( \alpha \int_0^1 t^{\alpha-1} \frac{1+tz}{1-tz} \, dt \right)^{1/\alpha}
\]
at \( z = -r \) and \( z = r \), respectively.

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