Corrigendum to
‘On the Killing vector fields of generalized metrics’

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In §9, the Killing vector fields of Poincaré’s hyperbolic upper half-plane model should have the form

\[ X = \alpha \left( (u^1)^2 - (u^2)^2 \right) + \beta u^1 + \gamma \frac{\partial}{\partial u^1} + (2\alpha u^1 + \beta) u^2 \frac{\partial}{\partial u^2} \]

with some \( \alpha, \beta, \gamma \in \mathbb{R} \). The upper half-plane may be identified with the set of complex numbers with positive imaginary part. Suppose that \( \alpha \neq 0 \), and introduce the notation \( k := \sqrt{\frac{\beta^2}{4} - \alpha \gamma} \). Then the integral curves of \( X \) are given by

\[
\begin{align*}
    z(t) &= -\frac{k c \cosh kt - \sinh kt}{\frac{\alpha c \sinh kt - \cosh kt}{2\alpha}} - \beta \\
    z(t) &= -\frac{k c \cos kt + \sin kt}{\frac{\alpha c \sin kt - \cos kt}{2\alpha}} - \beta \\
    z(t) &= -\frac{1}{\alpha t + c} - \frac{\beta}{2\alpha}
\end{align*}
\]

with \( c \in \mathbb{C} \) such that \( \text{Im} \, c > 0 \).

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