

Erratum to

“Fourier and Gegenbauer expansions for a fundamental solution of the Laplacian in the hyperboloid model of hyperbolic geometry” in Journal of Physics A, **45**, 14, 2012, 145206, 32 pages, by Howard S. Cohl and Ernie G. Kalnins

p. 5, second equation on the page should read

$$\left. \begin{aligned} x'_0 &= -x_1 \sinh \alpha + x_0 \cosh \alpha \\ x'_1 &= x_1 \cosh \alpha - x_0 \sinh \alpha \end{aligned} \right\}$$

Thanks for Wade Smith, Florida Institute of Technology, Melbourne, Florida for reporting this errata.

p. 18, first term in (42) should read

$$\lambda_{\pm} = -\frac{1}{2} \sum_{k=1}^{\infty} \frac{z_{\pm}^{2k}}{2^{2k} k} \binom{2k}{k}$$

p. 28, line below (77), for “ $\lambda = 2\mu$ and $\alpha = 1/2 - \mu$ ”, read “ $\lambda = 0$ and $\alpha = 1/2 + \mu$ ”.