Erratum: Half-supersymmetric solutions in five-dimensional supergravity

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ABSTRACT: We present a systematic classification of half-supersymmetric solutions of gauged $N = 2$, $D = 5$ supergravity coupled to an arbitrary number of abelian vector multiplets for which at least one of the Killing spinors generate a time-like Killing vector.

The sentence after equation (5.89) should read: “Hence the 3-manifold with metric $\frac{1}{4}((\sigma^1)^2 + (\sigma^2)^2 + (\sigma^3)^2)$ is either $\mathbb{S}^3$, the Nil-manifold or $SL(2, \mathbb{R})$ according as to whether $c\theta > 0$, $\theta = 0$ or $c\theta < 0$ respectively.”

The sentence after equation (5.102) should read: “Hence the 3-manifold with metric $\frac{1}{4}((\sigma^1)^2 + (\sigma^2)^2 + (\sigma^3)^2)$ is either $\mathbb{S}^3$, the Nil-manifold or $SL(2, \mathbb{R})$ according as to whether $c\theta + 9\sqrt{2}\chi^2(X^I X^J - \frac{1}{2}Q^{IJ})V_I V_J < 0$, $c\theta + 9\sqrt{2}\chi^2(X^I X^J - \frac{1}{2}Q^{IJ})V_I V_J = 0$ or $c\theta + 9\sqrt{2}\chi^2(X^I X^J - \frac{1}{2}Q^{IJ})V_I V_J > 0$ respectively.”