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Erratum

The Map Between Conformal Hypercomplex/ Hyper-Kähler and Quaternionic(-Kähler) Geometry

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The sentence before (3.5) “The integrability conditions for (1.1) and (3.2) then read” should be replaced by “We demand, here and everywhere below, that the vectors k and \bar{k} are ‘symmetry generators’ in the sense of (5.1), i.e., which is mathematically the statement that they define affine transformations. This leads to”

$$k^{\hat{X}} \widehat{R}_{\hat{X}\hat{Y}\hat{Z}}^{\hat{W}} = 0, \quad \bar{k}^{\hat{X}} \widehat{R}_{\hat{X}\hat{Y}\hat{Z}}^{\hat{W}} = 0. \quad (3.5)$$

When the connection is metric, then these equations are integrability conditions for (1.1) and (3.2) using the symmetries of the Riemann tensor.

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