Erratum to: Classification of non-Riemannian doubled-yet-gauged spacetime

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Equation (2.51) in the original article as well as the arXiv versions [v1, v2, v3] contains sign errors. It should read

$$\begin{aligned} Y_i^\mu &\mapsto Y_i^\mu + H^{\mu\nu} V_{\nu i}, \\ \bar{Y}_i^\mu &\mapsto \bar{Y}_i^\mu + H^{\mu\nu} \bar{V}_{\nu i}, \\ k_\mu^a &\mapsto k_\mu^a - X_\mu^i \eta^{ab} h_b^\nu V_{\nu i} - \bar{X}_\mu^{\bar{i}} \eta^{ab} h_b^\nu \bar{V}_{\nu i}, \\ \bar{k}_\mu^{\bar{a}} &\mapsto \bar{k}_\mu^{\bar{a}} + X_\mu^i \bar{\eta}^{\bar{a}\bar{b}} \bar{h}_{\bar{b}}^\nu V_{\nu i} + \bar{X}_\mu^{\bar{i}} \bar{\eta}^{\bar{a}\bar{b}} \bar{h}_{\bar{b}}^\nu \bar{V}_{\nu i}, \\ B_{\mu\nu} &\mapsto B_{\mu\nu} - 2X_{[\mu}^i V_{\nu]i} + 2\bar{X}_{[\mu}^{\bar{i}} \bar{V}_{\nu]\bar{i}} \\ &\quad + 2X_{[\mu}^i \bar{X}_{\nu]}^{\bar{i}} (Y_i^\rho \bar{V}_{\rho\bar{i}} + \bar{Y}_{\bar{i}}^\rho V_{\rho i} + V_{\rho i} H^{\rho\sigma} \bar{V}_{\sigma\bar{i}}). \end{aligned}$$

Under these transformations, the DFT-vielbeins are invariant up to twofold local Lorentz rotations.

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