Correction

Correction to: BV and BFV for the H-Twisted Poisson Sigma Model

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Correction to: Ann. Henri Poincaré

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Equation (5.20),

$$\begin{aligned} S_{BV} = & \int_{T[1]\Sigma} d^2\sigma d^2\theta \left[\mathbf{A}_i \mathbf{d}x^i + \frac{1}{2} \pi^{ij}(x) \mathbf{A}_i \mathbf{A}_j \right] + \int_{T[1]N} d^3\sigma d^3\theta H(x) \\ & + \int_{T[1]\Sigma} d^2\sigma d^2\theta \left[\frac{1}{4} (\pi^{il} \pi^{jm} H_{lmk})(x) \mathbf{A}_i \mathbf{A}_j \varepsilon x^k - \frac{1}{2} (\pi^{il} H_{jkl})(x) \mathbf{A}_i (\mathbf{d}x^j) \varepsilon x^k \right] \\ & + \int_{T[1]\Sigma} d^2\sigma d^2\theta \left[\frac{1}{8} (\pi^{im} \pi^{jn} \pi^{pq} H_{mql} H_{npk})(x) \mathbf{A}_i \mathbf{A}_j (\varepsilon x^k) \varepsilon x^l \right], \end{aligned}$$

should read as follows:

$$\begin{aligned} S_{BV} = & \int_{T[1]\Sigma} d^2\sigma d^2\theta \left[\mathbf{A}_i \mathbf{d}x^i + \frac{1}{2} \pi^{ij}(x) \mathbf{A}_i \mathbf{A}_j \right] + \int_{T[1]N} d^3\sigma d^3\theta H(x) \\ & + \int_{T[1]\Sigma} d^2\sigma d^2\theta \left[\frac{1}{4} (\pi^{il} \pi^{jm} H_{lmk})(x) \mathbf{A}_i \mathbf{A}_j \varepsilon x^k + \frac{1}{2} (\pi^{il} H_{jkl})(x) \mathbf{A}_i (\mathbf{d}x^j) \varepsilon x^k \right] \\ & + \int_{T[1]\Sigma} d^2\sigma d^2\theta \left[\frac{1}{8} (\pi^{im} \pi^{jn} \pi^{pq} H_{mql} H_{npk})(x) \mathbf{A}_i \mathbf{A}_j (\varepsilon x^k) \varepsilon x^l \right]. \end{aligned}$$

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