Erratum: Interaction of symmetric higher-spin gauge fields [Phys. Rev. D 108, 086031 (2023)]

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The following items detail the corrections for the paper:
In (3.30) the sign of $i\tau B_n$t contribution should be positive:

$$W^{(n)} = (z\mathrm{t})^n \int_0^1 \mathrm{d}\tau\, \tau^{n-1}(1-\tau) \int_{\mathcal{D}} e^{-i(1-\tau)r_n\, y\mathrm{t}+i\tau\, z(y+B_n)+i\tau r_n B_n \mathrm{t}+ic_n}, \tag{3.30}$$

The text that starts with the paragraph after (3.33) and ends at (3.34) should be replaced with "with the integration domain $\mathcal{D}$ being the product of two constrained hypersimplices".
After (3.35) the following line—and the formula should be added: "and the constraint has a shoelace form"

$$\lambda_{i+1}\nu_i - \lambda_i\nu_{i+1} \geq 0, \qquad i = 1\ldots n-1. \tag{3.36}$$

Equation (A9) should be corrected as follows:

$$e^{i\tau z(y+B)+i(1-\tau)yA-i\tau BA} = e^{iyA} \circledast e^{i\tau z(y+B)}. \tag{A9}$$

By the end of Appendix B after the last sentence the following text—and equation—should be added: "Now, let us show that the shoelace constraint (3.36) holds at the next order. To see this we first note, that (3.36) is equivalent to"

$$\lambda_i\nu_j - \lambda_j\nu_i \geq 0, \qquad i > j. \tag{B25}$$

From (B15), (B16), (B17), and (B18) it follows that if (B25) is true, then

$$\lambda'_{i'}\nu'_{j'} - \nu'_{i'}\lambda'_{j'} \geq 0, \qquad i' > j' \tag{B26}$$

and, therefore, (3.36) remains valid at order $n+1$.