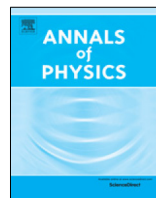




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Erratum

Erratum to “Nonperturbative NN scattering in ${}^3S_1 - {}^3D_1$ channels of EFT($\not{\mu}$)” [Ann. Physics 339 (2013) 160]



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In Ref. [1], there are some typos to be corrected as below

- (1) On page 167, line 15, $\mathcal{N}_0 = (1 - C_{0:ss}J_3)^2$ should be corrected as $\mathcal{N}_0 = (1 - C_{2:ss}J_3)^2$
 (2) On page 177, in Eq. (C.6), the second line of $\nu_{1;1}$ should read

$$-C_{4:ss}\tilde{C}_{4;sd}J_3 + (\tilde{C}_{4;sd}^2 - C_{4;dd}\tilde{C}_{4;ss})[(1 - J_5C_{4:ss})^2 - (C_{4:ss}^2 + C_{4;sd}^2)J_3J_7]J_3;$$

- (3) On page 177, in Eq. (C.10), $\delta_{0;2}$ should read

$$\begin{aligned} \delta_{0;2} = & 2C_{4:ss} + \tilde{C}_{4;ss} + (\tilde{C}_{4;ss} + C_{4;dd})[(1 - C_{4:ss}J_5)^2 - 1 + (C_{4;sd}^2 - C_{4;ss}^2)J_3J_7] \\ & + 2[(C_{4;sd} + \tilde{C}_{4;sd})C_{2;sd} - (C_{4:ss} + C_{4;dd})C_{2:ss}]J_3 + (C_{4;sd}^2 + 2C_{4;sd}\tilde{C}_{4;sd} - C_{4;ss}^2)J_5 \\ & + C_{2;sd}(C_{2;sd}\tilde{C}_{4;ss} - C_{2:ss}\tilde{C}_{4;sd})J_3^2 + (C_{2:ss}C_{4;dd} - C_{2;sd}\tilde{C}_{4;sd})(C_{2:ss}J_3^2 + 2C_{4:ss}J_3J_5) \\ & - C_{4;sd}^2\tilde{C}_{4;ss}J_5^2 + (\tilde{C}_{4;sd}^2 - \tilde{C}_{4;ss}C_{4;dd})\{(1 - C_{4:ss}J_5)^2J_5 + 2(1 - C_{4:ss}J_5)C_{4;ss}J_3J_7 \\ & + [C_{0:ss} + (C_{4;ss}^2 + C_{4;sd}^2)J_9]J_3^2\}; \end{aligned}$$

- (4) On page 178, in Eq. (C.11), the first line of $\delta_{0;3}$ should read

$$\{C_{4;sd}^2 - C_{4;ss}^2 + 2(-C_{4:ss}C_{4;dd} + C_{4;sd}\tilde{C}_{4;sd}) + 2(C_{4:ss}C_{4;dd} - C_{4;sd}\tilde{C}_{4;sd})$$

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(5) On page 178, in Eq. (C.18), the first line of $\delta_{sd;1}$ should read

$$C_{4;sd} + \tilde{C}_{4;sd} - [C_{2;ss}C_{4;sd} + C_{2;sd}C_{4;ss} + (\tilde{C}_{4;ss} + C_{4;dd})C_{4;ss}C_{4;sd}]J_7/J_3$$

No physical or theoretical content is affected.

References

- [1] J.-F. Yang, *Ann. Physics* 339 (2013) 160.