

## Erratum: NNLO subtraction for any massless final state: a complete analytic expression

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Gloria Bertolotti,<sup>a</sup> Lorenzo Magnea,<sup>a</sup> Giovanni Pelliccioli,<sup>b</sup> Alessandro Ratti,<sup>b</sup>  
Chiara Signorile-Signorile,<sup>c,d</sup> Paolo Torrielli<sup>a</sup> and Sandro Uccirati<sup>a</sup>

<sup>a</sup>*Dipartimento di Fisica, Università di Torino, and INFN, Sezione di Torino,  
Via P. Giuria 1, I-10125 Torino, Italy*

<sup>b</sup>*Max-Planck-Institut für Physik,  
Föhringer Ring 6, 80805 München, Germany*

<sup>c</sup>*Institut für Theoretische Teilchenphysik, Karlsruher Institut für Technologie (KIT),  
76128 Karlsruhe, Germany*

<sup>d</sup>*Institut für Astroteilchenphysik, Karlsruher Institut für Technologie (KIT),  
D-76021 Karlsruhe, Germany*

*E-mail:* [gloria.bertolotti@unito.it](mailto:gloria.bertolotti@unito.it), [lorenzo.magnea@unito.it](mailto:lorenzo.magnea@unito.it),  
[gpellicc@mpp.mpg.de](mailto:gpellicc@mpp.mpg.de), [ratti@mpp.mpg.de](mailto:ratti@mpp.mpg.de),  
[chiara.signorile-signorile@kit.edu](mailto:chiara.signorile-signorile@kit.edu), [paolo.torrielli@unito.it](mailto:paolo.torrielli@unito.it),  
[sandro.uccirati@unito.it](mailto:sandro.uccirati@unito.it)

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1. In the last line of eq. (4.20) the mapping  $(krj, ijr)$  should be replaced by  $(krj, irj)$ .
2. At the end of the sentence preceding eq. (4.30),  $(r = r_{ijk})$  should be added. Eq. (4.30) should then be replaced by

$$\int d\Phi_{n+2} \overline{\mathbf{HC}}_{ij} \overline{\mathbf{HC}}_{ijk}^{(c)} RR = \mathcal{N}_1 \frac{\mathcal{S}_{n+2}}{\mathcal{S}_{n+1}} \left\{ \int d\Phi_{n+1}^{(ijr)} J_{\text{hc}}^{ijr} \frac{\bar{P}_{jk(r)}^{(ijr)\text{hc},\mu\nu}}{\bar{s}_{jk}^{(ijr)}} \bar{B}_{\mu\nu}^{(ijr,jkr)} - 2 C_{f_{[ij]}} \int d\Phi_{n+1}^{(ijr)} J_{\text{hc}}^{ijr} \bar{\mathcal{E}}_{jr}^{(k)(ijr)} \left( \bar{B}^{(ijr,krj)} - \bar{B}^{(ijr,kjr)} \right) \right\}.$$

3. In the last line of eq. (4.49), the first contribution,  $+ 2 \mathcal{N}_1 C_{f_j} \mathcal{E}_{jr}^{(i)} \left[ J_{\text{hc}}^i(s_{ir}) + J_{\text{hc}}^j(s_{jr}) \right] \bar{B}^{(ijr)}$ , should be replaced by

$$+ 2 \mathcal{N}_1 C_{f_j} \mathcal{E}_{jr}^{(i)} \left[ J_{\text{hc}}^i(s_{ir}) \bar{B}^{(ijr)} + J_{\text{hc}}^j(s_{jr}) \bar{B}^{(irj)} \right].$$

4. On the right-hand side of eq. (4.51), the following line should be added:

$$- 2 \mathcal{N}_1 \left[ C_{f_i} \mathcal{E}_{ir}^{(j)} J_{\text{hc}}^i(s_{ir}) \left( \bar{B}^{(jri)} - \bar{B}^{(jir)} \right) + C_{f_j} \mathcal{E}_{jr}^{(i)} J_{\text{hc}}^j(s_{jr}) \left( \bar{B}^{(irj)} - \bar{B}^{(ijr)} \right) \right].$$

5. On the right-hand side of eq. (5.22) the contribution

$$+ \frac{\alpha_s}{2\pi} 2 \mathcal{N}_1 C_{f_j} J_{\text{hc}}^j(s_{jr}) \mathcal{E}_{jr}^{(i)} \left( \bar{B}^{(ijr)} - \bar{B}^{(irj)} \right)$$

should be added.

6. In eqs. (C.18), (C.19), (C.20) and (C.21) the mapping  $(krj, ijr)$  should become  $(krj, irj)$ , and the mapping  $(jrk, ikr)$  should become  $(jrk, irk)$ .
7. In eqs. (C.43) and (C.44) the mapping  $(ijr, kjr)$  should become  $(ijr, krj)$ .
8. On the right-hand side of eq. (C.45), the following contribution should be added:

$$- 2 \mathcal{N}_1^2 C_{f_{[ij]}} \bar{\mathcal{E}}_{jr}^{(k)(ijr)} \frac{P_{ij(r)}^{\text{hc},\mu\nu}}{s_{ij}} \left( \bar{B}_{\mu\nu}^{(ijr,krj)} - \bar{B}_{\mu\nu}^{(ijr,kjr)} \right).$$

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