



Corrigendum

Corrigendum to “Two-loop Bhabha scattering at high energy beyond leading power approximation” [Phys. Lett. B 760 (2016) 816]

Alexander A. Penin^{a,b,*}, Nikolai Zerf^c^a Department of Physics, University of Alberta, Edmonton, Alberta T6G 2J1, Canada^b Institut für Theoretische Teilchenphysik, Karlsruhe Institute of Technology, 76128 Karlsruhe, Germany^c Institut für Theoretische Physik, Universität Heidelberg, D-69120 Heidelberg, Germany

ARTICLE INFO

Article history:

Received 23 May 2017

Accepted 24 May 2017

Available online 8 June 2017

Editor: A. Ringwald

In Eq. (A.13) $\theta(1 - \eta_1 - \eta_2)$ should be replaced by $\theta(\xi_1 - \xi_2)$ and the result for the integral I_4 should be multiplied by 2/3. Eq. (A.14) corresponds to the contribution of the pole of the $D(l_1)$ propagator to Eq. (A.11). The contribution of the $D(l_1 + l_2)$ pole can be easily obtained from this result by redefining the external momenta. The last term in Eq. (23) should be replaced by $\frac{34 - 184x + 264x^2 - 184x^3 + 34x^4}{3(1-x)x^2}$. The numerators of the rational functions in the first and the second lines of Eq. (24) should read $4 + 80x - 360x^2 + 476x^3 - 360x^4 + 80x^5 + 4x^6$ and $4 + 176x - 456x^2 + 476x^3 - 456x^4 + 176x^5 + 4x^6$, respectively. The numerical coefficient in Eq. (25) should be corrected from 24.4 to 24.6.

DOI of original article: <http://dx.doi.org/10.1016/j.physletb.2016.07.077>.

* Corresponding author.

E-mail address: penin@ualberta.ca (A.A. Penin).