

## Erratum: The automation of next-to-leading order electroweak calculations

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In this erratum we amend the values of some of the input parameters quoted in section 6 of ref. [1], which differ from those used to obtain the cross-section results presented therein.

In particular, the values of the widths  $\Gamma_Z^{\text{BW}}$ ,  $\Gamma_W^{\text{BW}}$  reported in eqs. (6.4) and (6.5) must read as follows (in accordance with ref. [2], cited as ref. [105] in the paper):

$$M_Z^{\text{BW}} = 91.1876 \text{ GeV}, \quad \Gamma_Z^{\text{BW}} = 2.4952 \text{ GeV}, \quad (6.4)$$

$$M_W^{\text{BW}} = 80.385 \text{ GeV}, \quad \Gamma_W^{\text{BW}} = 2.0850 \text{ GeV}. \quad (6.5)$$

We are indebted to Pia Brecht for having reported this discrepancy.

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## References

- [1] R. Frederix, S. Frixione, V. Hirschi, D. Pagani, H.S. Shao and M. Zaro, *The automation of next-to-leading order electroweak calculations*, *JHEP* **07** (2018) 185 [[arXiv:1804.10017](https://arxiv.org/abs/1804.10017)] [[INSPIRE](#)].
- [2] PARTICLE DATA GROUP collaboration, *Review of Particle Physics*, *Chin. Phys. C* **40** (2016) 100001 [[INSPIRE](#)].