## Erratum: Calculation of the wake due to radiation and space charge forces in relativistic beams [Phys. Rev. Accel. Beams 24, 020701 (2021)]

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The expression for function F in Eq. (18) should read

$$F = \epsilon(\alpha^{2} + 1)D^{3}(h^{2}\sigma_{z0}^{2} + \sigma_{\eta}^{2}) + 2\epsilon\alpha\beta_{f}D^{2}D'(h^{2}\sigma_{z0}^{2} + \sigma_{\eta}^{2})$$

$$+ \epsilon\beta_{f}D[h\sigma_{z0}^{2}(\alpha + \beta_{f}D'^{2}h + \alpha hR_{56}) + \sigma_{\eta}^{2}(\beta_{f}D'^{2} + \alpha R_{56}) + \epsilon] + \epsilon\beta_{f}^{2}D'[h\sigma_{z0}^{2}(hR_{56} + 1) + R_{56}\sigma_{\eta}^{2}],$$

and the second equation in Eq. (B8) should be

$$2ea + \frac{b}{R} = -a'.$$

The function c(s') in Eq. (31) should be replaced by d(s'). These errors do not change the results of the paper.

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