Erratum: Calculation of the wake due to radiation and space charge forces in relativistic beams
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The expression for function F in Eq. (18) should read

$$F = \epsilon(\alpha^2 + 1)D^3(h^2\sigma_{z0}^2 + \sigma_\eta^2) + 2\epsilon\alpha\beta_f D^2 D'(h^2\sigma_{z0}^2 + \sigma_\eta^2)$$
$$+ \epsilon\beta_f D[h\sigma_{z0}^2(\alpha + \beta_f D'^2 h + \alpha h R_{56}) + \sigma_\eta^2(\beta_f D'^2 + \alpha R_{56}) + \epsilon] + \epsilon\beta_f^2 D'[h\sigma_{z0}^2(hR_{56} + 1) + R_{56}\sigma_\eta^2],$$

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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