**Erratum: Analysis of shot noise suppression for electron beams
[Phys. Rev. ST Accel. Beams **14**, 060710 (2011)]**

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(Received 18 May 2012; published 4 June 2012)

DOI: [10.1103/PhysRevSTAB.15.069901](https://doi.org/10.1103/PhysRevSTAB.15.069901)

PACS numbers: 29.27.-a, 41.60.Dk, 41.60.Cr, 07.50.Hp, 99.10.Cd

We correct a typo in Eq. (24). The arguments of the Bessel functions should be the dimensionless parameter ka/γ , so that Eq. (24) reads

$$\tilde{h}(k) = \frac{iA_{sc}}{k} [1 - 2I_1(ka/\gamma)K_1(ka/\gamma)],$$

with wave vector k , transverse beam size a , relativistic Lorentz factor γ , and space charge amplitude A_{sc} defined in Eq. (23). The results and conclusions of the article are not affected.