Erratum: Optical Traps for Dark Excitons [Phys. Rev. Lett. 106, 206404 (2011)]

Monique Combescot, Michael G. Moore, and Carlo Piermarocchi (Received 11 March 2012; published 3 May 2012)

DOI: 10.1103/PhysRevLett.108.189905 PACS numbers: 71.35.-y, 99.10.Cd

The laser power for the trapping potential in Fig. 2 of Ref. [1] corresponds to a laser spot of radius 100 nm and not 100 μ m, as written in the text and in the caption. As a result, a trapping potential of 1 meV, obtained for P=0.1 mW in the published figure, actually needs a laser intensity of 250 kW/cm², which is still well within the capabilities of current laser sources. This error does not affect the theoretical results, nor does it invalidate any of the discussion points made in the Letter.

[1] M. Combescot, M. G. Moore, and C. Piermarocchi, Phys. Rev. Lett. 106, 206404 (2011).