

Erratum: Reduced Limit on the Permanent Electric Dipole Moment of ^{199}Hg [Phys. Rev. Lett. 116, 161601 (2016)]

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The original Letter presented an improved measurement of the permanent electric dipole moment (EDM) of ^{199}Hg . Because of an unintended change of convention for the “positive” magnetic field direction upon replacement of the magnet coil used in [1], the sign of the central value should be changed. The corrected result for the ^{199}Hg EDM projection onto the nuclear spin axis is

$$d_{\text{Hg}} = (2.20 \pm 2.75_{\text{stat}} \pm 1.48_{\text{sys}}) \times 10^{-30} e \text{ cm}. \quad (1)$$

The corrected result remains consistent with zero. The 95% C.L. $|d_{\text{Hg}}| < 7.4 \times 10^{-30} e \text{ cm}$ given in the original text is sign independent and thus unchanged, as are the limits on CP -violating parameters presented in Table III. Following the correction, the central value of our result has the same sign as the central value of the previous best measurement [1].

[1] W. C. Griffith, M. D. Swallows, T. H. Loftus, M. V. Romalis, B. R. Heckel, and E. N. Fortson, *Phys. Rev. Lett.* **102**, 101601 (2009).