Erratum: *CP*-Violating Effect of the Th Nuclear Magnetic Quadrupole Moment: Accurate Many-Body Study of ThO [Phys. Rev. Lett. **113**, 263006 (2014)]

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After the publication of this Letter, we have found an error in our computer code for the calculation of the matrix elements of the operator corresponding to the molecular parameter W_M of the interaction of the nuclear magnetic quadrupole moment with electrons in heavy-atom molecules. This results in extra factor of 1.5 in the final value of W_M . Therefore, the last paragraph on page 263006-3 should read as follows: The final calculated value of W_M is $1.10(8) \times 10^{33}$ Hz/(e cm²). The theoretical uncertainty was estimated with a procedure similar to that given in Ref. [1]. We have found that the effect of spin polarization of subvalence closed shells contributes about $+0.06 \times 10^{33}$ Hz/(e cm²), while the spin-orbit interaction of the valence and subvalence electrons contribute -0.05×10^{33} Hz/(e cm²). The result of the earlier performed “semiempirical” estimate [2] 1.9×10^{33} Hz/(e cm²) is in reasonable agreement with the current *ab initio* calculations.

Equations (15) and (16) should read

$$0.16W_MM = -7 \times 10^{10}\tilde{\theta} \times \mu\text{Hz}, \quad (15)$$

$$0.16W_MM = -4 \times \frac{10^{27}(\tilde{d}_u - \tilde{d}_d)}{\text{cm}} \times \mu\text{Hz}. \quad (16)$$

The sentence after Eq. (26) should read as follows: The current limits on $|\tilde{\theta}|$ and $|\tilde{d}_u - \tilde{d}_d|$ ($|\tilde{\theta}| < 2.4 \times 10^{-10}$, $|\tilde{d}_u - \tilde{d}_d| < 6 \times 10^{-27}$ cm; see Ref. [3]) correspond to the shifts $|0.16W_MM| < 17$ and 21 μHz , respectively.

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