

PHYSICAL REVIEW A **85**, 019909(E) (2012)**Erratum: Quantitative atomic spectroscopy for primary thermometry  
[Phys. Rev. A **83**, 033805 (2011)]**Gar-Wing Truong, Eric F. May, Thomas M. Stace, and André N. Luiten  
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This paper was published with a typographical error in Eq. (4) on p. 6. The limits should be interchanged, so that the equation reads

$$\mathcal{F} \approx \begin{cases} (\Omega t/2)^2 & \text{if } \Gamma t \ll 2, \\ \Omega^2 t/(2\Gamma) & \text{if } \Gamma t \gg 2. \end{cases}$$

No conclusions in the paper have been affected by this correction.