

**Erratum: Quantum Zeno effect explains magnetic-sensitive radical-ion-pair reactions
[Phys. Rev. E **80**, 056115 (2009)]**

I. K. Kominis

(Received 27 January 2010; published 10 February 2010)

DOI: [10.1103/PhysRevE.81.029901](https://doi.org/10.1103/PhysRevE.81.029901)

PACS number(s): 82.20.-w, 99.10.Cd

The definition of the electron γ factor should be $\gamma=2.8$ MHz/G instead of $\gamma=1.4$ MHz/G that has been used in the simulations. The latter should be used together with the Pauli spin matrices; however, the simulations were done with the regular spin matrices. This change has the effect that all stated rates in the simulations should be multiplied by 2. This resolves the factor of 2 discrepancy that existed between the time scale of the measured and the simulated magnetic field effect.