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ADDITIONS & CORRECTIONS

Ruthenium(0) Nanoclusters Stabilized by Nanozeolite Framework: Isolable, Reusable, and Green Catalyst for the Hydrogenation of Neat Aromatics under Mild Conditions with the Unprecedented Catalytic Activity and Lifetime

[*J. Am. Chem. Soc.* **2010,** *132,* 6541–6549]. Mehmet Zahmakıran, Yalçın Tonbul, and Saim Özkar*

Supporting Information, page 2. The TTO and TOF values given in entries 1−16 of Table S-1 refer to mol benzene/mol catalyst; therefore, they should be multiplied by 3 to get the values in mol H_2/mol catalyst and mol H_2/(mol catalyst)(hour), respectively. The corrected Table S-1 is available as a new Supporting Information file.

Supporting Information Available: Table S-1, showing the top 17 catalysts in benzene hydrogenation at room temperature (corrected). This material is available free of charge via the Internet at http://pubs.acs.org.

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A New Mechanism for Chemically Induced Dynamic Nuclear Polarization in the Solid State

[*J. Am. Chem. Soc.* **1998,** *120,* 4425–4429]. Gunnar Jeschke*

Page 4427. The simulations depicted in Figure 1 were performed using the parameter set $\omega_I = 40$, $A = 9.7$, $B = 6.9$, and $d = 18.3$, $\Delta\Omega = 26.7$ rad/s instead of $\omega_I/2\pi = 40$, $A = 9.7/2\pi$, $B = 6.9/2\pi$, $d = 18.3/2\pi$, and $\Delta\Omega = 26.7/2\pi$ MHz, as was incorrectly stated in the caption. The corrected Figure 1, conforming to the original figure caption, is given below.

It follows that the prediction of the CINDP effect by eq 11a−c is fairly good only up to an evolution time of 5 ns, as opposed to 50 ns stated in the original manuscript. This still allows a *qualitative* discussion of the ^{15}N CIDNP by the TSM mechanism, so that all further results remain valid. The author thanks Dr. Bela E. Bode for pointing out this error.

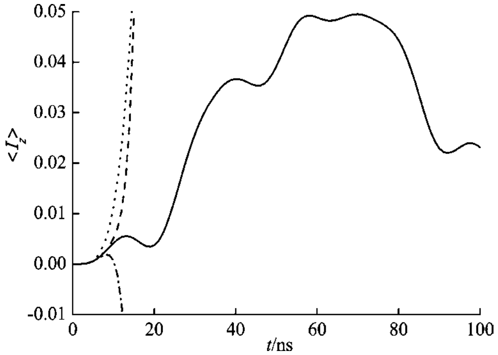

Figure 1. Analytical and numerical calculations of nuclear spin polarization due to the three-spin mixing mechanism for the parameter set $\omega_I/2\pi = 40$, $A/2\pi = 9.7$, $B/2\pi = 6.9$, $d/2\pi = 18.3$, $\Delta\Omega/2\pi = 26.7$ MHz corresponding to pyrrole nitrogens of bacteriopheophytin in photosynthetic reaction centers. Generation of the radical pair in its singlet state at time $t = 0$ was assumed. Solid line: numerical calculation. Dashed line: Baker−Hausdorff expansion up to t^8 term. Dash-dot line: expansion up to t^6 term. Dotted line: expansion up to t^4 term.

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