

# Additions and Corrections

1998, Volume 37

**Joshua Telser,\* Luca A. Pardi, J. Krzystek, and Louis-Claude Brunel:** EPR Spectra from “EPR-Silent” Species: High-Field EPR Spectroscopy of Aqueous Chromium(II).

Page 5775. Equation 4 in our original paper was based on eq d of Barra et al.<sup>1</sup> Equation 4 gives the second-order perturbation theory result for the contribution to the zero-field splitting of the quintet ground state ( $^5B_{1g}$ ,  $d_{xz,yz}^2 d_{xy}^1 d_z^2$ ) that is made by the lowest energy triplet excited state ( $^3E_g$ ,  $d_{xz,yz}^3 d_{xy}^1$ ). We have recently shown that eq 4 is incorrect;<sup>2</sup> the correct eq 4 is

$$D' = -(\zeta^2/4)/\Delta E(^3E_g - ^5B_{1g}) \approx -(\zeta^2/4)/(6B + 5C - [10Dq - Ds - 10Dt]) \quad (4)$$

where  $\zeta$  is the single-electron spin-orbit coupling constant,  $B$  and  $C$  are the Racah parameters,  $Dq$ ,  $Ds$ , and  $Dt$  are the ligand field parameters defined by Ballhausen, and  $\Delta E$  is the energy splitting between the relevant states in  $D_{4h}$  symmetry, appropriate for axially elongated  $[Cr(H_2O)_6]^{2+}$ .

(1) Barra, A.-L.; Gatteschi, D.; Sessoli, R.; Abbati, G. L.; Cornia, A.; Fabretti, A. C.; Uytterhoeven, M. G. *Angew. Chem., Int. Ed. Engl.* **1997**, 36, 2329–2331.

(2) Krzystek, J.; Telser, J.; Pardi, L. A.; Goldberg, D. P.; Hoffman, B. M.; Brunel, L.-C. *Inorg. Chem.* **1999**, 38, 6121–6129.

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2000, Volume 39

**David J. Burkey, Timothy P. Hanusa,\* and John C. Huffman:** Stereochemical Activity of the Metal-Centered Lone Electron Pair in Group 14 Metallocenes. Crystal Structure of the Linear Sandwich Complex  $[C_5(iPr)_3H_2]_2Pb$ .

Page 155. The caption to Figure 2 switches the identities of the two compounds depicted. The caption should have read as follows:

**Figure 2.** Space-filling drawings of  $(Cp^{3i})_2Pb$  (right) and  $[C_5Me_4-(SiMe_2Bu^i)]_2Pb$  (ref 14). The closest  $Me \cdots Me'$  contact in each is at 4.17 and 4.30 Å, respectively.

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