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.[1] Equation 4 gives the second-order perturbation theory result for the contribution to the zero-field splitting of the quintet ground state ($^5B_{1g}$, $d_{xz,yz}{}^2 d_{xy}{}^1 d_{z^2}{}^1$) 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;[2] 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 ζ 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 ΔE is the energy splitting between the relevant states in D_{4h} symmetry, appropriate for axially elongated $[Cr(H_2O)_6]^{2+}$.

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(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 $[C_5Me_4(SiMe_2Bu^t)]_2Pb$ (ref 14). The closest Me···Me′ contact in each is at 4.17 and 4.30 Å, respectively.

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