Some minor clarifications to Chapters 3, 7, 8, and 13 in *Multifrequency Electron Paramagnetic Resonance: Theory and Applications,* Edited by S. K. Misra (Wiley-VCH, Weinheim, 2011)

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The following clarifications should be noted to the statements in the book, as adapted from references mentioned there:

Chapter 3. (i) In section **3.6.2: Zero-Field Splitting (ZFS)**, in the first line below Eq. (3.37), p. 105, the phrase *" ...electron-electron coupling constants…"* should be replaced by: *" ...ZFS constants…"*, whereas the phrase *"...this interaction…"* should be replaced by "*…the ZFS terms…"*.
(ii) In section **3.6.5: The Effective Spin Hamiltonian for EPR**, p. 110, in lines 1 and 2, the term "*effective"* spin should be replaced by the term "*fictitious"* spin [1,2].

Chapter 7. In section **7.2 Spin Hamiltonians**, in the first paragraph, line 8, p. 128, the phrase "… *depend on the crystal field at the transition metal ion site."* should be replaced by: "… *depend on the crystal field and electronic spin-orbit coupling (SOC) at the transition metal ion site."*

Chapter 8. In section **8.2.1: Spin Hamiltonian**, preceding Eq. (8.2), p. 387, the phrase *'...the crystal field and hyperfine terms...'* should be replaced by: *'...the true zero-field splitting (ZFS) and hyperfine terms…'*.

Chapter 13. In section **13.2: ZFS of Kramers and Non-Kramers Ions in Different Environments**, the phrase in line 4 from the bottom on p. 593: *"...The crystal field splitting under the action of spin-orbit coupling ..."* should be replaced by "*...The ZFS splitting under the action of spin-orbit coupling ...".*

References

[1] Rudowicz, C. (1987) *Magn. Reson. Rev.* **13** 1; Erratum, *ibid* (1988) **13** 335.
[2] Rudowicz, C., Misra, S.K. (2001) *Appl. Spectrosc. Rev.* **36** 11.