

## Known errors in A. Schweiger, G. Jeschke: *Principles of Pulse Electron Paramagnetic Resonance*

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|---|--|
| p. 12, Fig. 1.3.5(b), right lower corner: | read " $(v_{dq+}^{(2)}, v_{sq-}^{(2)})$ " instead of " $(v_{aq+}^{(2)}, v_{sq-}^{(2)})$ ".   |
| p. 30, l. 2:                              | read " $a_{iso}$ " instead of " $\alpha_{iso}$ "   |
| p. 32, eqn (3.1.21)                       | read " $-I(I+1)$ " instead of " $-I(I+1)^2$ "  |
| p. 36, l. 5 below 2.:                     | read " $m_J = +1$ " instead of " $m_J = \pm 1$ "   |
| p. 39, l. 6 of 3.3.1:                     | read "in the order of 4 $\mu$ s" instead of "in the order of 4 ms"   |
| p. 44, l. 6 after eqn (3.4.22):           | read "the assumption $\ H_{HF}\  \gg \ H_{NZ}\ $ is made" instead of "the assumption $\ H_{HF}\  \gg \ H_{NZ}\ $ etc. is made"                               |
| p. 64, l. 8 after eqn (3.5.26):           | read "case with $B = 0$ (Fig. 3.5.1(c)) the two" instead of "case $B = 0$ (Fig. 3.5.1(c)) with the two"  |
| p. 83, l. 6:                              | read "analogous to eqn (4.2.41)" instead of "equivalent to eqn (4.2.41)".  |
| p. 94, line below eqn (5.1.6):            | read "Using eqn (5.1.2)" instead of "Using eqn (5.1.1)".   |
| p. 110, l. 18:                            | read "deadtime reconstruction (§5.2.3)" instead of "deadtime reconstruction (§5.2.4)"  |
| p. 125, Table 6.1.1, caption:             | read " $J_i^{(kl)}$ " instead of " $J_y^{(jk)}$ "  |
| p. 127, l. 5:                             | read "periodic with $4\pi$ " instead of "periodic $4\pi$ "   |
| p. 127, eqn (6.1.12), element 32:         | read " $-\mathrm{i} \sin \eta \sin \frac{\beta_0}{2}$ " instead of " $-\sin \eta \sin \frac{\beta_0}{2}$ "   |
| p. 163, l. 14:                            | read "by the nuclear spins that were originally in the $\alpha$ ( $\beta$ ) manifold" instead of "by the nuclear spins in the $\alpha$ ( $\beta$ ) manifold" |
| p. 198, l. 2 of 7.2.7:                    | read "length $t_p$ under" instead of "length under"  |
| p. 199, l. 7 of 7.3.1:                    | read "deflected from the $z$ axis" instead of "deflected from the $x$ axis"  |
| p. 200, l. 4 after eqn (7.3.3):           | read "the line, we find" instead of "the line. We find"  |

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| p. 207, l. 2:                                    | read “of the molecular frame axes” instead of “of the laboratory frame axes”  |
| p. 211, l. 18:                                   | read “maximum at $\omega_S \tau_c \approx 1$ (Fig. 8.1.1).” instead of “maximum at $\omega_S \tau_c \approx 1$ .”   |
| p. 213, l. 3-4 after eqn (8.1.5):                | read “towards very long $\tau_c$ values because the underlying Redfield relaxation theory fails” instead of “towards very long $\tau_c$ because the underlying Redfield relaxation theory values fails” |
| p. 214, l. 4:                                    | read “time $\tau$ is increased between” instead of “time is increased $\tau$ between”   |
| p. 225, § 8.3.2, l. 6:                           | read “a probe pulse or a primary echo” instead of “a probe pulse a primary echo”  |
| p. 258, 4 <sup>th</sup> line after eqn(10.1.30): | read “also for $I > 3/2$ ” instead of “also for $I > 3/2$ ”   |
| p. 350, l. 8 from bottom:                        | read “angle $\pi$ ” instead of “angle II”   |
| p. 360, eqn (12.1.2):                            | read “ $U = \exp(-i(\omega_{mw}tS_z + \omega_{rf}tI_z))$ ” instead of “ $U = \exp(-i(\omega_{mw}tS_z + \omega_{rf}tI_z)t)$ ”  |
| p. 363, fig. capt.:                              | read “(salicylaldoximate)Cu(II)” instead of “(salicylal doximate)Cu(II)”  |
| p. 366, fig. capt. 12.2.7:                       | read “for all values of $t_{mw}$ ” instead of “for all values of $a_{iso}$ ”  |
| p. 405, fig. 12.5.8b:                            | vertical axis: “ $\nu_-$ (MHz)” missing   |
| p. 412, caption of Fig. 13.3.1:                  | read “spinach” instead of “ <i>Rhodobacter sphaeroides</i> ”.   |
| p. 470, l. 3 from bottom:                        | read “by $\omega_{mw}$ ” instead of “by the $\omega_{mw}$ ”   |
| p. 476, l. 7 and l. 18:                          | read “ $\omega_{mw} = \omega_0/2$ ” instead of “ $\omega_{mw} = \omega_S/2$ ”   |
| p. 519, equ. A.6:                                | fraction bar applies only to right-hand side  |
| p. 530, fig. B.1:                                | exchange superscripts M and L   |