

# Lectures on Spin Dynamics: The Theoretical Minimum

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### Errata and typos

- page 15, equation 1.54 should read:

$$(A) \rightarrow \hat{A}^\dagger$$

- page 27, equation 2.45 should read:

$$\hat{H}_B = -\frac{\hbar e}{2m_e}(\sigma \cdot B)$$

- page 40, figure 3.2 caption should read:

$$\gamma > 0$$

- Page 52, eq. 4.13 the second line of the equation should not be there at all, i.e.:

$$T_{2\pm 1} \neq 0$$

- Page 53, property P2 (first line of the page) should read:

For **diagonal** traceless tensors...

- Page 53, property P3 should read:

As a direct consequence of P1 and P2, the [...] ones in **diagonal** traceless tensors.

- page 80, second line after equation 6.25 should read:

[...] it turns out to be convenient to combine  $\hat{\mathcal{I}}^{D_{jk}}$  and  $\hat{\mathcal{V}}^{D_{jk}}$  into a rank-2 [...]

- page 95, equation 7.28 should read:

$$\omega_{BS} = \frac{\omega_1^2}{4\omega_{rf}}$$

- page 98, equation 8.5 caption should read:

$$|\Psi(t_b)\rangle = \hat{R}_z(\omega_0\tau) |\Psi(t_a)\rangle$$

- page 153, 3<sup>rd</sup> paragraph should read:

In relaxation theory, the Hamiltonians that **occur** in the relaxation [...]

*P.S.: Many Thanks to Harry Harbor Collins and Leon Mutter for spotting most of these typos.*