

# Quantum Theory, Groups and Representations: Errata

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The following are errata for the version of the book published by Springer. These may or may not have yet been fixed in versions of the book available from Springer.

Page viii:

To the list of those helpful with suggestions for improving the text, add “Alain Bossavit”.

Page 64:

In the figure, replace ”x” with ”X”.

Page 356:

Near middle of page, replace  $\mathcal{H}_B \otimes \mathcal{F}_d^+$  by  $\mathcal{H}_B \otimes \mathcal{F}_1^+$ .

Page 600:

Instead of

$$\mathcal{H}_1 \otimes \mathbf{C} = \mathcal{M}_{j_r}^+ \oplus \mathcal{M}_{j_r}^-$$

read

$$\mathcal{M} \otimes \mathbf{C} = \mathcal{M}_{j_r}^+ \oplus \mathcal{M}_{j_r}^-$$

Page 601:

First line, replace  $\alpha_\mu(\mathbf{p})$  by  $\alpha = (\alpha_0(\mathbf{p}), \boldsymbol{\alpha}(\mathbf{p}))$ .

Replace equation 46.22 by

$$\langle \alpha, \alpha' \rangle = \int_{\mathbf{R}^3} (-\overline{\alpha_0(\mathbf{p})} \alpha'_0(\mathbf{p}) + \overline{\boldsymbol{\alpha}(\mathbf{p})} \cdot \boldsymbol{\alpha}'(\mathbf{p})) d^3 \mathbf{p}$$

Replace occurrences of  $\mathcal{H}_1^{+'}$  and  $\mathcal{H}_1^{+''}$  with  $\mathcal{H}'_1$  and  $\mathcal{H}''_1$  respectively.