

# Copy editing stuff:

- Table of contents: missing colons

"Complement to Chapter 5", should be "Complement to Chapter 5:"

"Complements to Chapter 7", should be "Complements to Chapter 7:"

- Page 39: Ref. [2.1] should be "The Optics Project"
- Page 114, after Eq. 6.5  $\hbar$  is  $10^{34}$ , not  $10^{-34}$ .
- On page 125, Fig. 6.14: remove box from around figure.
- Pg 175, just above eq 8.A.3:  $p_j$  is not aligned.
- On page 200, the second sentence of the caption to Fig. 9.1 should read, "The particle's spin is perpendicular to the field at  $t = 0$ ."
- On pg 202, immediately after eq. (9.32),  $p$  is not inline.
- Page 206, Eq. (9.A.1), Last term should be  $\mathbf{u}_x$ , not  $\mathbf{u}_z$ .
- On page 265, Reference [11.3] replace "." with ",":

Phys. Rev. Lett. **71**. 708 (1993). Should be: Phys. Rev. Lett. **71**, 708 (1993).

- Pg 276, just above Eq. (12.5):

Should read "chap. 7, where..."

- In example 13.1 (page 304)

Equation (13.15) should be:

$$E_{n_x} = \frac{n_x^2 \pi^2 \hbar^2}{2mL_x^2}$$

- Page 308, Eq. (13.45), add some more white space before  $m_i \geq 0$  .

- in Complement 13.A

Eq. (13.A.6) should be

$$R_l(\rho) = j_l(\rho)$$

Eq. (13.A.8) should be

$$R_l(k_{nl}R) = j_l(k_{nl}R) = j_l(\beta_{nl}) = 0$$

- On page 419: just above Eq. (17.7), the operator caret is wrong:  $\tilde{U}_c$  should be  $\hat{U}_c$