

Errata, Fundamentals of Physics, Vol II for Second Edition, September 28, 2018)

- Page 3, third line from bottom should read “..hair and then touch a small piece of paper with the comb. I find..”
- Page 54 Para 2 line 1: should read “..part of the “
- Page 65 $\rho_{enc} \rightarrow Q_{enc}$
- Page 93 last line: Section 2.4 should be changed to Section 2.5
- page 95 line above Eq. (5.79) should read “..in order to obtain”
- Page 99 First sentence Sec 6.1 should read “..find V from \mathbf{E} than.. “
- Page 276 line 2 should read “ $\psi(x)$ which gives the „”
- Page 267 Para 4 line 4 ”tangents “ should read “tangent”
- Page 306, Eq. 15.22: second $P_2 \rightarrow P_3$
- Page 362 Eqn. 17.16 should read ... $[v^2 - 2vx + ..$ (drop the “(” before v^2)
- Page 289 Eq. 14.107 $\oint \mathbf{E} \cdot d\mathbf{S} \rightarrow \oint \mathbf{E} \cdot d\mathbf{r}$
- Page 368 Figure 17.6 $(0, v) \rightarrow (v, 0)$ Use new eps figure Focusinglens.eps in the drop box
- Page 384 Eqn 18.5 should read $-\pi \leq \phi < \pi$
- Page 414 top line $\omega \rightarrow \hbar\omega$
- Page 452 first line of Eqn. 20.5 $P(2) \rightarrow P'(2)$

- Page 500 line 5: split “equationsare”
- Page 503, Eq. (22.30): drop the “r” in the exponent
- Page 504 Eqn. 22.35 need “)” in denominator so it reads .. + $|A(-p_n)|^2$
- Page 510 below Eqn 22.47 split “equationbecomes”
- Page 511 Eqn. 22.54 $\sqrt{\frac{2mE}{\hbar}} F \rightarrow \frac{\sqrt{2mE}}{\hbar} F$
- Page 515 Last para line 3: split “equationwill”
- Page 516 2 linesbelow Eqn. 22.59: $\psi_I(x) \rightarrow \psi(x)$
- Page 519 Para 2 line 3: split “equationwas”
- Page 526 Lin 1: Split “equationtake”
- Page 526 Line 3 of Sec 23.1.1 should read “is shown” and not “is not shown”
- Page 527 Para 1 split “equationand”, “equationin”, and bottom line para 2: split “equationwith”
- Page 546 Eqn 23.78: exchange] and dx so it ends as “dx]”
- Page 574 Section 24.4.2 line 4: Split “equationin”
- Page 582 Eqns. 24.129 and 24.130 $\frac{d\langle A \rangle}{dt} \rightarrow \left| \frac{d\langle A \rangle}{dt} \right|$