

Typos:

p. 75: 3 lines after eq. 9.2: $dc \rightarrow dv$
Caption of Fig. 9.2: velocity \rightarrow velocity

Fig. 9.1: For the drawn velocity distribution, there should be no force at the bottom.

p. 97, 5 lines above eq. 10.56: $\nu = \eta/\rho$ (not c_p)

p.140: 3 lines after 14.25: maximum \rightarrow maximum

p. 243: eq. 22.82 & 22.84, no subscript j for the p in the denominator

p. 246: in line 2 of problem 22.5, $N_1 \rightarrow N!$

p. 290: eq. 26.41: No V on the left, just p ; then $-a/V^2$, not $+$.

pp. 337-8: The factor $(2S+1)$ is double counted in the partition function and the density of states. Eqs. 30.6 and 30.7 are correct.

p. 338: eq. 30.8: missing \ln before Z

**p. 339, eqs. 30.14, 30.15 and first line of 30.16, 30.43, 30.45, 30.56, first eq in chapter summary on p. 351: $\text{Li}(z)$ should be $\text{Li}(z)/z$. Thus, in Fig. 30.3, $\text{Li}(z)/z$ should be plotted. Fortunately, $\text{Li}(z)/z$ also increases monotonically (albeit from 1 rather than 0), and terminates at the zeta function value, since $z=1$ there. Hence, the important results are all ok.

p. 340: eq. 30.22: argument of theta should be $(E_F - E)$

p. 347, eq. 30.55: first expression should be $1/(z^{-1} - 1)$

p. 444 between C.41 and C.42: $dz \rightarrow dy$

Chap. 7: it would be worth a comment that this kind of flux is different from the flux most student recall from E&M. Wikipedia has a nice discussion!

Exercises:

4.2: Example 4.3, not 3.2

4.9 Example 4.2, not 3.1

6.4 Number density should be provided.