The following corrections will be made in the next printing

• In the acknowledgements: replace "Peter Glansdorff" with "Paul Glansdorff"

• Page 10, caption to figure 1.2,
  line 7: Replace “mole number” with “molar amount”
  line 9: replace “N” with “Nk”

• Page 32, line 16 from above: replace "mv^2 xavg =" with "mv^2 xavg/2 ="

• Page 144, second line after “CHEMICAL REACTIONS”
delete “which included all that was needed”

• Page 145 photo caption:

Théophile De Donder (1872-1957) (third row, 5th from the left) at the historic 1927 Solvay conference. His book, L’Affinité was published the same year.
First row, L to R: I. Langmuir, M. Planck, Mme. Curie, H.A. Lorentz, A. Einstein, P. Langevin, Ch. E. Guye, C.T.R. Wilson, O.W. Richardson
(Reproduced courtesy of the International Solvay Institutes, Brussels, Belgium)

• Page 154,
  In equation (4.3.2) replace $\frac{\mu_2 - \mu_1}{T}$ with $\frac{\mu_1 - \mu_2}{T}$
  In eqn. (4.3.4) replace $\mu_2 - \mu_1$ with $\mu_1 - \mu_2$

• Page 214, exc 6.7: Replace $C_v, real (\frac{\partial U_{real}}{\partial T})_V$ with $C_{mV, real} = (\frac{\partial U_{real}}{\partial T})_V$

• Page 252, Box 8.1, line 4: Replace “of formation,” with “of formation” , ie delete comma

• Page 300, Exc 9.3: Align columns in table.

• Page 303, Exc 9.20, line 5, Replace "Assume [A]=[A]_0 ...." with "Assume, at t=0, [A]=[A]_0 ...

• Page 305 and in the contents on page ix: If possible, Change title of chapter 10 to: Electrochemical Potential and Diffusion

• Page 331, footnote, line 2: Replace “relativity, and to be” with “relativity, i.e, to be”


• Page 378: Replace \(I(T,\lambda)d\lambda = \frac{2hc^2}{\lambda^5} \frac{d\lambda}{(e^{h\nu/k_BT} - 1)}\) with \(I(T,\lambda)d\lambda = \frac{2hc^2}{\lambda^5} \frac{d\lambda}{(e^{h\nu/k_BT} - 1)} = T^5 g(\lambda T)d\lambda\) in which \(g(\lambda T)\) is a function of \(\lambda T\).

• Page 389: subsection title: replace “Photochemical ...gibbs energy” with “Photochemical ...Gibbs energy”

• Page 409, Exc 13.1, line 4, replace "condition \(h\nu/k_BT >> 1\)" with "condition \(\text{Exp}[h\nu/k_BT] >> 1\)"
  line 6, replace "condition \(h\nu/k_BT >> 1\)" with "condition \(\text{Exp}[h\nu/k_BT] >> 1\)"

• Page 431. Exc. 14.2, line 2, replace "\([Y(r)] = 1.3[Y(\infty)]\)" with "\([Y(r)]_{eq} = 1.3[Y(\infty)]_{eq}\), at \(T=40^\circ\)."

• Page 431. Exc. 14.3, line 1, replace "cluster of radius \(r^*\)" with "cluster of critical radius \(r^*\)"

• Page 453, in eqn (17.1.2): Replace \(\sum_k P_k \ln P_k\) with \(\sum_k P_k \ln P_k\)