List of typographical errors
(updated February 1996)

1. On p. 3, the second line after Eq. (1–8), it should be ‘macroscopic’, rather than ‘macro-scopics’.

2. In the text between Eqs. (1–17) and (1–18), p. 6, the reference should be to Eq. (16), not to Eq. (15).

3. The right-hand side of the second equation in Problem 1–3, p. 25, should read $p+Ft$, rather than $p+xFt$.

4. In Eq. (2–94), p. 44, replace $\zeta$ by $\frac{Z}{r}$.

5. Read $\tilde{\beta}(x_2/\tilde{x}_2)^\gamma$ rather than $\beta(x_2/\tilde{x}_2)^\gamma$ in Eq. (2–202) on p. 65.

6. The first line of Eq. (2–238), p. 70, should end with $(-\frac{7}{3}E_{TF} - \zeta N)$, not with $(-\frac{7}{3}E_{TF} + \zeta N)$.

7. On p. 75, read $t=1$ instead of $t>1$ in the line preceding Eq. (2–266).

8. The numerator in the integrand of Eq. (2–268), p. 75, should be $q^{4/3}$, rather than $q^{7/3}$.

9. In the first line on p. 79 replace ‘(287)’ by ‘(286)’.

10. In Eq. (2–349), p. 88, read $[y(x)]^k$ instead of $[y(x)]^k$.

11. On p. 93, the first line after Eq. (2–379), replace ‘statet’ by ‘stated’.


13. On p. 134, the last term in Eq. (3–15) should be $(\zeta_s - \zeta) \text{tr} (\eta (-H - \zeta_s))$ rather than $(\zeta_s - \zeta) \text{tr} (-H - \zeta_s)$.

14. On p. 138, the second line in Section Scott’s original argument, replace ‘as as’ by ‘as’.

15. On p. 145, the fourth line after Eq. (3–64) should begin with ‘understood’, rather than ‘understood’.

16. The fourth line after Eq. (4–67), p. 186, should end with ‘of’, not with ‘or’.

17. The line after Eq. (4–91), p. 191, should begin with ‘Consequently’, not with ‘Conce- quently’.

18. The second line after Eq. (4–99), p. 192, should begin with ‘Delta’, not with ‘delta’.

19. In Eq. (4–129), p. 198, an integral sign is missing in front of $\frac{d\mathbf{r}}{(2\pi)^3}$ on the right-hand side.

20. The second line after Eq. (4–157), p. 203, should end with ‘for $y \rightarrow \infty$’ , rather than ‘for $z \rightarrow \infty$’.


22. On p. 230, the third line in Section History, replace ‘remakred’ by ‘remarked’.

23. On p. 232, the sixth line from the top, it should be ‘performed’, rather than ‘preformed’.

24. On p. 239, the fourth line before Eq. (4–299), insert ‘electron from the’ after ‘removal of one’.
25. In Eq. (4–320), p. 244, the power 5/3 should be replaced by 5/2.
26. On p. 246, the integral in the second line of Eq. (4–332) should also be performed over \((d\mathbf{r})^2\).
27. In the last line on p. 263 read ‘Clausius–Mossotti’ instead of ‘Clausius–Mosotti’. The same applies to the corresponding entries in the Index, pp. 397 and 398.
28. In Eq. (4–485), p. 276, replace \([n(\mathbf{r})]_4^4/3\) by \([3\pi^2n(\mathbf{r})]_4^4/3\).
29. In the seventh line of Problem 4–10, p. 294, read \(F_{2}^{2}(y)\) instead of \(F_{n+1}^{2}(y)\).
30. In Eq. (5–27), p. 305, replace \((2/3Z)^{1/3}\) and \((2/3Z)^{-1/3}\) by \((3/2Z)^{1/3}\) and \((3/2Z)^{-1/3}\) respectively.
31. On p. 309, the fourth line after Eq. (5–41), replace ‘do’ by ‘to’.
32. On p. 309, the third line before Eq. (5–42), replace \(r'_{(x' \to \infty)} = 0\) by \(r'_{(x' \to -\infty)} = 0\).
33. Equation (5–45), on p. 309, should be numbered correctly.
34. In Eq. (5–47), p. 309, it should read \(4s(x) {d^2s(x) \over dx^2}\) in the square brackets, rather than \(4s(x) {d^2s(x) \over dx^2}\).
35. In the line after Eq. (5–58), p. 312, replace ‘Eq. (209)’ by ‘Eq. (2–9)’.
36. For ‘centripal’ read ‘centripetal’ in the first line before Eq. (5–111), p. 320.
37. The abscissa of Fig. 5–9, p. 323, should be labeled \(\lambda/Z^{1/3}\), rather than \(\lambda/Z^{4/3}\).
38. Read \((Z/Z_{1s})^{1/3}\) instead of \((Z/Z_{1s})^{1/3}\) in the top line of Eq. (5–145) on p. 330.
39. The second term on the right–hand side of Eq. (5–149), p. 331, should be subtracted rather than added.
40. On p. 345, the first line after Eq. (5–191), replace ‘instead’ by ‘instead’.
41. On p. 355, the second sentence after Eq. (5–232), exchange the words ‘even’ and ‘odd’ with one another.
42. In the first line of Eq. (5–236), p. 356, read ‘odd’ rather than ‘even’; in the second line read ‘even’ rather than ‘odd’.
43. On p. 361, the sixth line from the bottom, read ‘Fig. 18’ instead of ‘Ref. 18’.
44. The abscissa of Fig. 5–22, p. 366, should be labeled \(Z^{1/3}\), rather than \(Z\).
45. The last line in Problem 5–1, p. 367, should begin with ‘Observe’, not with ‘observe’.
46. On p. 370, the second line before Eq. (6–1), replace ‘(2–1)’ by ‘(2–3)’.
47. On p. 378, the sixth line from the bottom, insert ‘done’ between ‘must not be’ and ‘more accurately’.
48. In the third line of Eq. (6–51), p. 381, replace \(1/2\) by \(1/2\).
49. On p. 385, the last equation in Footnote 7 should end with \([{dV \over dx}^2] \), rather than \([{dV \over dx}^2] \).
50. On p. 385, the fourth line of Footnote 14 read ‘observe’ rather than ‘ovserve’.
51. In the last sentence of Footnote 14, p. 385, read ‘decimals’ instead of ‘decimales’.
52. In Footnote 15, p. 395, the year of publication should be 1985, not 1986.