List of Errata
July 2005

page 14
Equation (1.41) and the equation in the following line are incorrect (the final $f_2$ should be $f_n$ [in the two equations], and a factor $\mu(x)$ is missing). It should be as follows:

The conjunction operation is naturally associative, and one has

$$\frac{(f_1 \land f_2 \land \ldots \land f_n)(x)}{\mu(x)} = \frac{1}{\nu} \frac{f_1(x)}{\mu(x)} \frac{f_2(x)}{\mu(x)} \ldots \frac{f_n(x)}{\mu(x)},$$

where $\nu = \int_X dx \mu(x) \frac{f_1(x)}{\mu(x)} \frac{f_2(x)}{\mu(x)} \ldots \frac{f_n(x)}{\mu(x)}$.

page 16
In the Definition in the middle of the page, the sentence “The conjunction of $P$ and $M_A$, i.e.,…” should be “The conjunction of $P$ and $M_B$, i.e.,…”.

page 18
In line 8, “Introducing the conditional probability distribution $P(A|B)\ldots$” should be “Introducing the conditional probability distribution $P(B|A)\ldots$”.

page 29
The axis at the left of figure 1.8 should be labeled in $g/cm^3$, not $g/cm$.

page 62
Between equations (3.23) and (3.24): “$\ldots = \langle G^t C_D^{-1} d, m \rangle_D = \ldots$” should be “$\ldots = \langle G^t C_D^{-1} d, m \rangle_M = \ldots$”.

After equation (3.24): suppress “incorrectly”.

page 67
Between equations (3.40) and (3.41): “(second of equations (3.38))” should be “(first of equations (3.38))”.

page 79
Equation (3.90): “$(dS^2/dm^2)$” should be “$(d^2S/dm^2)$”.

page 165
After equation (6.15): “where $e^{ij}_{k\ell}$ is the tensor…” should be “where $s^{ij}_{k\ell}$ is the tensor…”
Equation

\[ g(\sigma) = \frac{3}{\bar{Y}(1 + \sigma)(1 - 2\sigma)} \] (6.27)

should be

\[ g(\sigma) = \frac{3}{(1 + \sigma)(1 - 2\sigma)} \] (6.27)