

ERRATA FOR THE BOOK:

“DISCOVER ENTROPY AND THE SECOND LAW OF THERMODYNAMICS”

Page 51, 12th line from the bottom, change sentence to : “... the first six letters in Figure 2.18b or 2.18c have total probability of 0.5”;

Page 90 Figure 3.14 – missing slash in $\log_2 w/NW$ in the two figures

Page 99, 5th line from the bottom – “is $4+4=8$, i.e. delete “about”

Page 112, Figure 4.3 – line (a) should be, “ $3 \times 1=3$ ” and not “ $1 \times 1=3$ ”

Page 122, 9th line – should be “ $3^{12} = 531,441$ ” and not “53, 1441”

Page 130, 15th line from the bottom – change “harder” to “easier”

14th line from the bottom – change “more” to “less”

11th line from the bottom – change “easier” to “harder”

Page 146, 2nd paragraph – remove all “%”, i.e. it should be “0.25” rather than “0.25%”, and “0.25 to 0.5” instead of “0.25% to 0.5%”;

Page 239, Note 2, 2nd line , should be: “marble in cell i “-not is cell i

Last line should be “ $P_1=0.514$ ” and not “ $P_i=0.514$ ”

Page 140 equation 1 – should be “ $3^{12} = 531,441$ ” and not “53, 1441”

Page 245, Eq. 1 – remove the log on the right of the integral, i.e. the integral should be;

$$-\int_0^1 f(x) \log f(x) dx \quad (1)$$

Thanks to Ron Barry and to Alberto Campolongo for pointing out these errors.