

## **CORRECTIONS TO FIRST PRINTING OF "CLASSIC PROBLEMS OF PROBABILITY"**

- p. 3, line 6-: Replace "Cardona" by "Cardano"
- p. 22, line 1-: Replace "(Arnauld and Nicole, 1662)" by "(Arnauld and Nicole, 1662, pp. 469-470)"
- p. 27, footnote: Replace "the Pascal's Arithmetic Triangle" by "the Arithmetic Triangle"
- p. 30, line 14-: Replace "can deduced" by "can be deduced"
- p. 31, line 12-: Replace "1664" by "1654"
- p. 36: first line below Table 4.2: Replace "1670Fig.5.5" by "1670, Fig. 4.5"
- p. 39, just below (5.1): do not indent.
- p. 44, lines 11+: The denominators  $p/(p+p)$  should both be  $p/(p+q)$
- p. 44, line 12+: Replace "an amount  $b$  is  $p/(p+p)$ " by "an amount  $b$  is  $q/(p+q)$ "
- p. 46, first line of second footnote: Replace "aragraph" by "paragraph"
- p. 53, line 13+: Replace "series, I think" by "series; I think"
- p. 54, line 2-: Replace "In the last line, we have" by "In the above,  $|S|$  denotes the number of elements in the set  $S$ , and we have"
- p. 64, line 2-: Replace " $\Pr \{-\Delta \leq 2X - n \leq \Delta\}$ " by " $\Pr \{-\Delta \leq 2X - n \leq \Delta\}$ "
- p. 71, line 7+: Replace " $\Pr \left\{ \left| h_n - \frac{3}{5} \right| < \frac{1}{50} \right\}$ " by " $\Pr \left\{ \left| h_n - \frac{3}{5} \right| \leq \frac{1}{50} \right\}$ "
- p. 74, line 1+: Replace (8.3) by (8.5)
- p. 74, first footnote: Replace "We also note that another way of stating Eq. (8.3) is  $\lim_{n \rightarrow \infty} \Pr\{|S_j|/j - p| > \varepsilon, \text{ for } j = n, n+1, \dots\} = 0$ , which can be written" by "This can be written"
- p. 75, footnote: Replace "de Moivre's *De Mensura Sortis*" by "de Moivre's 1711 *De Mensura Sortis*"
- p. 90, line 3+: Replace "=" sign by approximately equal sign
- p. 92 line 4+: Replace "=" sign by approximately equal sign
- p. 92, line 4+: After " $Q = Me^{-2d^2/2}$ .", add sentence "This completes de Moivre's solution to **Problem 10**"
- p. 92, line 5+: Replace "If we divide" by "Furthermore, if we divide"

- p. 95: the line after formula (10.4) should not be indented.
- p. 95, line 15+: Replace "Bin( $n$ , 1/2)" by " $B(n, 1/2)$ "
- p. 109: first line of footnote: Replace "*Practice arithmetice*" by "*Practica arithmetice*"
- p. 116, line 3-: Replace "large numbers," by "large numbers."
- p. 118, line 2+: Replace "The graphs in Fig. 11.4 show" by "The graph in Fig. 11.4 shows"
- p. 125, caption to Fig. 13.1: Replace "to be a head" by "to be a tail"
- p. 137, line 4-: Replace "(Hume, 1748)" by "(Hume, 1748, p. 25)"
- p. 138, line 10+: Replace "(Hume, 1748)" by "(Hume, 1748, p. 18)"
- p. 148, line 16+: Delete footnote §
- p. 153, line 9+: Replace "of \$ $x$  when  $E$  occurs" by "of \$ $x$  when  $E$  occurs and a payment of \$0 otherwise"
- p. 184, line 3-: Replace " $0 \leq r \leq R$ " by " $0 < r \leq R$ "
- p. 188, line 4-: "equally cases" should be "equally likely cases".
- p. 198, line 9+: Replace ".01010001011 in binary" by ".01010001011... in binary"
- p. 198, line 12+: Replace "THTHTTTHTHH has an" by "THTHTTTHTHH... has an"
- p. 198, line 14+: Replace ".01010001011 in binary" by ".01010001011... in binary"
- p. 209, line 12+: Replace "occurs infinitely occurs" by "occurs infinitely often"
- p. 215, line 12+: Replace "If Paul swaps" by "If Paul decides to swap"
- p. 215, line 1-: Replace "is worth, but I may also" by "is worth. I may lose it, but I may also"
- p. 217, line 3+: Replace "gain of  $S$  is" by "gain of  $S$  is"
- p. 217, line 8+: Replace "gain of  $S$  is" by "gain of  $S$  is"
- p. 221, line 3+: Replace "What should you do?" by "Which box should you open?"
- p. 226, footnote: Replace "David (1995)" by "David (1995, 1998)"
- p. 226, footnote: Replace "much later in K.A. Brownlee's 1960 *Statistical Theory and Methodology in Science and Engineering* (Brownlee, 1960, p. 96)." by "later in W.E. Deming's *Statistical Adjustment of Data* (Deming 1943, p. 30)"
- p. 231, footnote: "Replace "*De Ratiociniis in Aleae Ludo*" by "*De ratiociniis in aleae ludo*"
- p. 248, line 6-: Replace "we know that," by "we know that"
- p. 279, line 2+ of left column: delete reference to Brownlee

- p. 281, line 19+ of left column: Add reference "David, H.A., 1998 First (?) occurrence of common terms in probability and statistics - a second list, with corrections. *Am. Stat.* **52**: 36-40"
- p. 281, line 13+ of right column: Add reference "Deming, W. E., 1943 *Statistical Adjustment of Data*. Wiley, New York."
- p. 286, line 10+ of left column: Replace "Bayesian Modelling in the Social Sciences" by "Bayesian Analysis for the Social Sciences"
- p. 299: Add index "Arbuthnott, John, 41f"
- p. 299, line 4+ of left column: Replace "*Parisienne*, 40" by "*Parisienne*, 40f"
- p. 299, line 8- of left column: Replace "history of, 27" by "history of, 27f"
- p. 299, line 7- of left column: Replace "22, 65" by "22, 65f"
- p. 299, line 17+ of right column: Add sub-index to Bayes, Reverend Thomas: "Reasons for posthumous publication, 131f"
- p. 300, bottom line in right column: Replace "Bressoud, 95" by "Bressoud, 95f"
- p. 300, line 23+ of left column: Replace "61, 71" by "61, 71f"
- p. 301: Add entry "Characteristic function, 104"
- p. 303, line 24+ of left column: replace "41-44, 45" by "41-44, 45, 231f"
- p. 303, line 5- of left column: Replace "Cardano's formula, 5-7" by "Cardano's formula, 6-7"
- p. 303: line 7+ of left column: the sub-indices for de Moivre need to be in alphabetical order
- p. 303: line 12+ of left column: Replace "career of, 82" by "career of, 82f"
- p. 304: Add index entry: "Equality, 2"
- p. 304: Add sub-index to Fermat, Pierre de: "Fermat's Last Theorem, 14f"
- p. 307: Add index "Lurking variable, 254f"
- p. 307: line 10+ of left column: Replace "22, 65" by "22, 65f"
- p. 308: line 26+ of left column: Replace "(Stirling), 95" by "(Stirling), 95f"
- p. 310, line 29+ of left column: Replace "*Practica arithmetice* (Cardano), 21" by "*Practica arithmetice* (Cardano), 7, 21, 46f, 109f"
- p. 312: line 11+ of left column: Replace "Regression effect, 186" by "Regression effect, 186f"

- p. 312: line 12+ of left column: Replace “Regression to the mean, 186” by “Regression to the mean, 186f”
- p. 312: line 20- of left column: Replace “Salsburg, D., 227” by “Salsburg, D., 227f”
- p. 313: line 1+ of left column: Replace “Problem/Paradox, 57” by “Problem/Paradox, 57f”
- Backcover, fourth bullet point: Replace "lady testing tea" by "lady tasting tea"