

Errata for
Experimentation in Mathematics: Computational Paths to Discovery
First Printing (2004) Copyright 2004
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Since the release of the first edition of our book in 2004, a number of colleagues have graciously provided reports of various errors and glitches. We list here those errors that we regard as serious enough to possibly impede the understanding and/or usage of this book. This and others we hope to address when the book is reprinted.

1. pg. 61, Item 45: The fraction $2/45$ should be replaced by $8/45$ in two places.
2. pg. 201: In the definition of the Fibonacci sequence, the text should read $F_0 = 0$ instead of $F_0 = 1$. In the formula for F_n , brackets should be inserted so that the coefficient $1/\sqrt{5}$ multiplies both terms.
3. pg. 247, Item 16: The Parry-Tarry-Escott identity should read: $[-5, -1, 2, 6] = 3[-4, -3, 4, 5]$.
4. pg. 248: The entry “186” in the list at the top of the page should read “86.”
5. pg. 322: There are some mistakes in these summation problems: In item (d) the denominator is $4^{4n}n!4^32^{n+1}$. In items i, j and k, the sums start at 1, not zero. In the second summation of item (m), the denominator is $2n^216^n$. Finally, in the answers section, the answer to item (i) is $-45\pi - 1164$, and the answer to item (m) is $-\pi^2/18 + \log^2 2 - \log^2 3/6$.