

## Practical Analysis of Algorithms: Errata

- At the beginning of Section 2.3, page 23, the left side of the 3rd equation from the bottom should be

$$\sum_{k=1}^{10} (2k - 1)^2$$

- Ex. 3.2.19, page 81, in the solution the expression on the left should contain +10 instead of -10.
- Ex. 3.2.21, page 82, the second (b) in the solutions should be (c).
- In Table 4.1, page 147, the separating line between the second and third recurrence relation should be after the asymptotic formula for the case  $b > 2$ .
- In Example 4.1.5, page 100,  $F(2) = [F(1)]^2 - 3F(1)$ . The value computed after that is correct.
- In Example 4.5.2, page 154, in the recurrence relation,  $2n$  should be  $2^n$ , as well as on line 6 in the recurrence relation in  $G(n)$ .
- In Example 4.5.6, page 159, the solution to the recurrence relation is  $G(n) = n(n + 1)/4 + 1$ .
- Page 175, second bullet point should say that “The body of the loop is executed at least 0 times and at most  $n$  times.
- Page 199, exercise 5.1.17, all the loops where the control variable step is  $-j$  or  $-k$  should be  $--j$  and  $--k$ .
- Ex. 5.1.22, page 199, the line following the `swap` instruction should be  

```
i = -1;          // NOTE THAT i IS BEING RESET
```
- Page 292, the bottom sentence of the page, instead of the text ‘‘aaaab’’ there should be ‘‘aaaabaaaab...’’.
- Page 299, the Chain Rule is Theorem 8.12.