

First Printing Corrections for:

Problem Solving in Chemical and Biochemical Engineering with Polymath, Excel and MATLAB by Michael B. Cutlip and Mordechai Shacham

Chapter 3

The third subheading in each problem in Chapter 3 should read “Problem Statement”. This correction applies to Page 57, Line 3.1.3; Page 61, Line 3.2.3; Page 62, Line 3.3.3; Page 72, Line 3.4.3; Page 73, Line 3.5.3; Page 79, Line 3.6.3; Page 80, Line 3.7.3; Page 81, Line 3.8.3; Page 86, Line 3.9.3; Page 87, Line 3.10.3; Page 89, Line 3.11.3; Page 93, Line 3.12.3; Page 94, Line 3.13.3; Page 95, Line 3.14.3.

The fourth subheading in each of the following problems in Chapter 3 should read “Solution” This correction applies to Page 58, Line 3.1.4; Page 62, Line 3.3.4; Page 74, Line 3.5.4; Page 79, Line 3.6.4; Page 82, Line 3.8.4; Page 90, Line 3.11.4; Page 96, Line 3.14.4

Chapter 4

The fourth subheading in each problem in Chapter 4 should read “Solution” This correction applies to Page 101, Line 4.1.4, Page 110, Line 4.2.4; Page 119, Line 4.3.4; Page 128, Line 4.4.4; Page 144, Line 4.5.4

Page 149, the left side of Equation (4-56) should be visible

$$\frac{G_i}{RT} = n_i \left\{ \frac{G_i^0}{RT} + \ln \left[\text{abs} \left(\frac{n_i + \epsilon}{\sum n_i} \right) \right] \right\}$$

Chapter 5

The fifth subheading in each problem in Chapter 5 should read “Solution” This correction applies to Page 153, Line 5.1.5; Page 165, Line 5.2.5; Page 173, Line 5.3.5; Page 182, Line 5.4.5; Page 195, Line 5.5.5

Chapter 8

Page 296, Lines 3&4, change to $R_f = 0.01905$

Page 297, two lines below Solution (Partial), change first “Table D-2” to “Table D-1”

Page 297, four lines from bottom of page, change “Table D-2” to “Table D-1”

Page 298, line 2, change “Table D-1” to “Table D-2”

Chapter 13

Page 578, Line 2, “P13-4A.XLS” should be “P13-04A.XLS”

Page 579, bottom line, “and **P13-04B.POL.**” should read “, **P13-04B.POL,** and **P13-04B.XLS.**”

Chapter 14

Page 651, the last term in Equation (14-70), “ F_2X_2 ” should be changed to “ F_2X_1 ”

APPENDIX B

Page 690, the table heading “Carbon Tetra-chloride” should be “Carbon Tetra-chloride”

