

Errata – Engineering Optimization: Applications, Methods, Analysis
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Page 18, Equations (1.28) & (1.29) change “min” to “max”.

Page 67, Figure 4.2 change “Live” to “Line”.

Page 72, Figure 4.6 the left X_L should be $X_{L,i-1}$, the second to left X_L should be $X_{L,i}$, X_{ML} should be $X_{ML,i}$, $X_{MR,i-1}$, X_{MR} should be $X_{MR,i}$, and X_R should be $X_{R,i} = X_{R,i-1}$.

Page 97, Section 5.4, second line unbold the y, f, x, x_1, x_2 in line “ $y = f(x)$, from x_1 to x_2 ?”.

Page 101, Equation (5.14) change Δs to ΔS .

Page 124, third line from the bottom, change Q to \hat{Q} .

Page 165, the illustrations in Figures 9.8 and 9.9 are switched. The text and titles are correct if the illustrations are switched.

Page 188, second line from the bottom, replace ∇^2 with H .

Page 201, fifth line from the bottom, replace “ rx ” with “ r_x ”.

Page 216, third paragraph in Section 11.9, first line, change “have” to “halve”.

Page 229, second line after Equation (12.12) change “linear constraints” to “linear equality constraints”.

Page 231, 4th paragraph in Section 12.7, 3rd line change “for” to “from”.

Page 238, Equation (13.15) replace “ $(\dots - T_{SP}^2)\Delta t$ ” with “ $(\dots - T_{SP})^2\Delta t$ ”.

Page 249, Equation (14.2) insert a space between “ $ywill$ ” making it “ $y will$ ”.

Page 250, the arrows on the 4th line should be removed.

Page 285, 3rd line after Equation (19.9) change “choose” to “chose”.

Page 322, 3rd line after Equation (22.8) change “ $x = y + z$ ” to “ $x + y + z$ ” in two places.

Page 341, 1st line after the table move the word “and” from its current location to replace the “,” after “ $c = 0.99$ ”.

Page 408, last line of 2nd paragraph in Section 29.5 insert a space between “ony” to become “on y”.

Page 416, 2nd line in Section 29.6, change “ $\Delta J/j$ ” with “ $\Delta J/J$ ”.

Page 468, Section 31.8, 3rd paragraph, 2nd line change “DV” to “OF”.

Page 480, Figure 32.3 change “ $ev(\tau)$ ” to “ $ln(\lambda)$ ”.

Page 482, Section 32.2, last line remove “ values,”.

Page 561, Section 41.1, 3rd paragraph, 5th line, include the square root symbol to “ $r_i = \sqrt{(x_i - x)^2 + (y_i - y)^2}$ ”.

Page 572, 3rd line above Figure 43.2, change “faction” to “fraction”.

Page 631, 2nd line of 3rd paragraph, change “filer” to “filter”.

Page 681, Figure E.30, some alignments in the cork squares are wrong. The orientation of the two corks in each square should be perpendicular to those in all adjacent squares.