Selected Errata

Page 41 The example is better with $-10 < z < 30$ instead of $-1 < z < 10$

Page 61 "Near $z = 1$, the distance up is about 9 times the distance across."

Page 104 Problem 52 should maximize not minimize

Page 206 Change $v$ to $M$ in Problem 28

Page 258 Problem 46 is $\frac{d}{dz} \ln(x + \sqrt{x^2 - a^2}) = \ldots$

Page 265 Change to $c = b_0 K$ in line -3

Page 267 Change to $y/(c - by)$ in Problem 18

Page 273 Change $.05n$ to $.05/n$ in 5 and 6

Page 280 Remove $\frac{1}{2}$ in Problem 5

Page 310 $GM = 4 \cdot 10^{14}$ in Problem 34 (otherwise it's a small world)

Page 359 The last read-through question is for $\int y^2 \, dx$ (not $ds$)

Page 402 The figure shows $w = \begin{bmatrix} 1 \\ 3 \\ 3 \\ 1 \end{bmatrix}$ not $\begin{bmatrix} 1 \\ 3 \\ 1 \end{bmatrix}$

Page 411 Example 8 Find the nearest point to the origin on the plane

$x + 2y + 2z = 5$

Page 429 Equation (8) gives $A^{-1}d$ not $A^{-1}u$

Page 444 Change $BC$ to $CB$ in Problem 20

Page 520 Problem 32: Explain why $\lambda_3 > 0$ and $\lambda_4 > 0$ and $f_{\text{min}} = 2$

Page 526 Change the second part of Problem 3 to $\int_1^3 \int_0^1 dy \, dx/(x + y)^2$

Page 540 In Problem 13 find the volume below $z = \frac{1}{2}$

In Problem 15 find the volume below the cone $\sqrt{x^2 + y^2} + z = 1$. 
Resource: Calculus Online Textbook
Gilbert Strang

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