

Selected Errata

- Page 41 The example is better with $-10 < x < 30$ instead of $-1 < x < 10$
- Page 61 "Near $x = 1$, 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 $\frac{d}{dx} \ln(x + \sqrt{x^2 - a^2}) = \dots$
- Page 265 Change to $c = bz_0K$ 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 $\int \pi y^2 dx$ (not ds)
- Page 402 The figure shows $\mathbf{w} = \begin{bmatrix} 1 \\ 3 \end{bmatrix}$ not $\begin{bmatrix} 3 \\ 1 \end{bmatrix}$
- Page 411 Example 8 Find the nearest point to the origin on the plane
 $x + 2y + 2z = 5$
- Page 429 Equation (8) gives $A^{-1}\mathbf{d}$ not $A^{-1}\mathbf{u}$
- Page 444 Change BC to CB in Problem 20
- Page 520 Problem 32: Explain why $\lambda_3 > 0$ and $\lambda_4 > 0$ and $f_{\min} = 2$
- Page 526 Change the second part of Problem 3 to $\int_1^2 \int_0^2 dy dx / (x + y)^2$
- Page 540 In Problem 13 find the volume below $z = \frac{1}{2}$
In Problem 15 find the volume below the cone $\sqrt{x^2 + y^2} + z = 1$.

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Resource: Calculus Online Textbook
Gilbert Strang

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