

## Corrections for Chapter 5

Page 110, right column, line 4. Insert after "small number" in parenthesis: (compared to the entire area between the curve and the segment)

Page 115, left column, line 21. Change "point-slope" to "slope-intercept"

Page 122, Figure 5.15. Replace  $y = \frac{3}{2}x + 1$  by  $y = \frac{2}{3}x + 1$ .

Page 124, left column, line 2 from the bottom. The numbers 11.99999 and 12 are (of course) not equal. The term equal should be understood in the spirit of the discussion as meaning essentially equal, or equal for purposes of computations.

Page 125, Figure 5.19. The slanting line segments should all be tangent to the curve.

Page 126, Figure 5.20. At the top of the figure, delete the line and the "dx" over the line.

left column, line 2. Replace the period with a comma.

left column, line 3. Delete "and"

Page 131, right column, lines 3 and 4. Replace  $\frac{1}{3}$  by  $\frac{1}{9}$ .

Page 135, right column, line 1. After "... from  $a$  to  $b$ ." insert: The numbers  $a$  and  $b$  are called the *limits* of integration.

Page 136, left column, lines 8 and 9. Replace "What is the largest value of this function?" by "Find the number  $x$  for which the value of  $f(x)$  is largest."