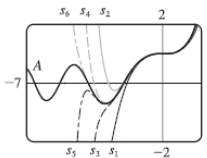
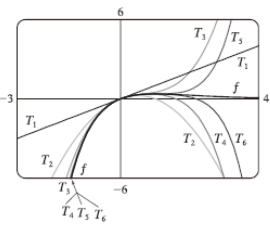


정오표 (핵심 미분적분학 9판 1쇄, Stewart 외)

페이지	수정 전	수정 후
515쪽 상5	$\frac{1}{29 \cdot 2^{29}} \approx 6.4 \times 10^{-11}$	$\frac{1}{22 \cdot 2^{22}} \approx 1.1 \times 10^{-8}$
514쪽	예제 7 (b) 삭제	
516쪽	연습문제 25, 26, 27, 28 삭제	
528쪽	예제 13 (b) 삭제	
531쪽	연습문제 42, 43 삭제	
841쪽	<p>※ 연습문제 해답에서 번호 수정함</p> <p>21. $C + \sum_{n=0}^{\infty} \frac{1}{8n+2}, R=1$</p> <p>23. $C + \sum_{n=1}^{\infty} (-1)^{n-1} \frac{x^{n+3}}{n(n+3)}, R=1$</p> <p>25. 0.044522 27. 0.000393 29. 0.19740</p> <p>21. (a) $(-\infty, \infty)$ 25</p> <p>21 (b), (c)</p>  <p>29 23. $(-1, 1), f(x) = (1+2x)/(1-x^2)$ 30. $[-1, 1], [-1, 1), (-1, 1)$</p> <p>연습문제 10.9</p> <p>1. $b^8 = f^{(8)}(5)/8!$ 3. $\sum_{n=0}^{\infty} (n+1)x^n, R=1$</p> <p>4. $x + x^2 + \frac{1}{2}x^3 + \frac{1}{6}x^4$</p> <p>5. $2 + \frac{1}{12}(x-8) - \frac{1}{288}(x-8)^2 + \frac{5}{20736}(x-8)^3$</p> <p>7. $\frac{1}{2} + \frac{\sqrt{3}}{2}\left(x - \frac{\pi}{6}\right) - \frac{1}{4}\left(x - \frac{\pi}{6}\right)^2 - \frac{\sqrt{3}}{12}\left(x - \frac{\pi}{6}\right)^3$</p> <p>8. $\sum_{n=0}^{\infty} (n+1)x^n, R=1$ 10. $\sum_{n=0}^{\infty} (-1)^n \frac{x^{2n}}{(2n)!}, R=\infty$</p> <p>12. $\sum_{n=0}^{\infty} \frac{(\ln 2)^n}{n!} x^n, R=\infty$ 13. $\sum_{n=0}^{\infty} \frac{x^{2n+1}}{(2n+1)!}, R=\infty$</p> <p>14. $50 + 105(x-2) + 92(x-2)^2 + 42(x-2)^3 + 10(x-2)^4 + (x-2)^5, R=\infty$</p> <p>35. $\sum_{n=1}^{\infty} \frac{(-1)^{n-1}}{(n-1)!} x^n, R=\infty$</p>  <p>37. 0.99619</p> <p>38. (a) $1 + \sum_{n=1}^{\infty} \frac{1 \cdot 3 \cdot 5 \cdot \dots \cdot (2n-1)}{2^n n!} x^{2n}$</p> <p>(b) $x + \sum_{n=1}^{\infty} \frac{1 \cdot 3 \cdot 5 \cdot \dots \cdot (2n-1)}{(2n+1)2^n n!} x^{2n+1}$</p> <p>39. $C + \sum_{n=0}^{\infty} \left(\frac{1}{n}\right) \frac{x^{3n+1}}{3n+1}, R=1$</p> <p>40. $C + \sum_{n=1}^{\infty} (-1)^n \frac{1}{2n(2n)!} x^{2n}, R=\infty$</p> <p>42. 0.0059 43. 0.40103 44. $\frac{1}{2}$ 45. $\frac{1}{120}$ 46. $\frac{3}{5}$</p> <p>47. $1 - \frac{3}{2}x^2 + \frac{25}{24}x^4$ 48. $1 + \frac{1}{6}x^2 + \frac{7}{360}x^4$</p> <p>49. $x - \frac{2}{3}x^4 + \frac{23}{45}x^6$ 50. e^{-x} 51. $\tan^{-1}(x/2)$</p> <p>52. $\frac{203!}{101!}$</p> <p>53. $1/e$ 54. $\ln \frac{8}{5}$ 55. $e^3 - 1$ 56. $\frac{203!}{101!}$</p>	

정오표 (핵심 미분적분학 9판 2쇄, Stewart 외)

업로드일자 2023-01-17

페이지	수정 후
601쪽 35번 문제	<p>35. a와 b가 상수벡터이고 $\mathbf{r}(t) = \mathbf{a} \cos \omega t + \mathbf{b} \sin \omega t$ 일 때, $\mathbf{r}(t) \times \mathbf{r}'(t) = \omega \mathbf{a} \times \mathbf{b}$임을 보여라.</p> <p><i>sin wt</i></p>

정오표 (핵심 미분적분학 9판 4쇄, Stewart 외)

업로드일자 2024-05-27

페이지	수정 전	수정 후
871쪽 45번	$V(x) = 4x^3 - 64x^2 + 240x, 0 < x < 6$	$V(x) = 4x^3 - 160x^2 + 1500x, 0 < x < 15$
871쪽 47번	$F(x) = \begin{cases} 15(40-x) & 0 \leq x < 40 \\ 0 & 40 \leq x \leq 65 \\ 15(x-65) & x > 65 \end{cases}$	$F(x) = \begin{cases} 15(60-x) & 0 \leq x < 60 \\ 0 & 60 \leq x \leq 100 \\ 15(x-100) & x > 100 \end{cases}$
235쪽 4.4 연습문제 1-4 4번	(e) $\lim_{x \rightarrow a} \sqrt[q(x)]{p(x)}$	(f) $\lim_{x \rightarrow a} \sqrt[q(x)]{p(x)}$
495쪽 10.4 연습문제 32번	$a \geq 0$	$a_n \geq 0$