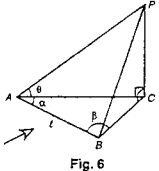


Page	Corrections
P.138 1st line of #4 should be  #4(b) should be	Suppose ... and $x \neq \frac{(2k+1)\pi}{2}$ for ...  Hence ... for all $x \neq \frac{(2k+1)\pi}{2}$ .
P.149 #17 should add	Suppose $\sin(\alpha + \beta) = k \sin(\alpha - \beta)$ and $k \neq 1$ .
P.211 #6 and the figure should be	... . Suppose ... and $AB = \ell$ . ...  
P.330 Ex.6A #13 should add	$\frac{\pi}{12}, \frac{\pi}{3}, \frac{7\pi}{12}, \frac{13\pi}{12}, \frac{4\pi}{3}, \frac{19\pi}{12}$
P.331 Ex.6C #10 should be	$90^\circ$
P.332 Enrichment 7 #4(b), 5(c) should be	4.(b) $0 < \cos B \cos C \leq \frac{1}{2}$ 5.(c) $\frac{1}{2}$
P.333 Ex.9A #7 should be	$b = 3.65, c = 6.35, A = 51.81^\circ, C = 93.19^\circ$ ; $b = 3.65, c = 6.35, A = 58.19^\circ, C = 86.81^\circ$
P.334 Ex.10A #19 should be	$(-4, 0), (\frac{28}{3}, 0)$
P.335 Ex.10D #16(b)(iii) should add	$6x + 8y + 3 = 0, 6x + 8y - 3 = 0$
P.337 Ex.12A #23(a) should be	$-1 < k < -\frac{1}{2}$ or $0 < k < \frac{1}{2}$

**Please remind students to amend their textbook accordingly.**

**New Trend Additional Mathematics Vol.2** (2002 Student's Edition)

(Correction Sheet)

The corrections have been amended in the 2003 reprint.

Page	Corrections
P.32 #6 should add #7 should add	6. Suppose ... . (Correct your answer to 1 decimal place.) 7. Consider ... . (Correct your answer to 1 decimal place if necessary.)
P.59 Section 14.4 should be Section 14.3	<b>14.3 LIMITS OF TRIGONOMETRIC FUNCTIONS</b>
P.134 #15(a)  1st line of #18 should be  #18(a) should be  #18(b)	<u>should be deleted</u>  Consider ..., where <del><math>0 \leq x \leq 7</math></del> .  (a) Find $\frac{dy}{dx}$ , ... $\frac{dy}{dx} \leq 0$ .  <u>should be deleted</u>
P.142 Classwork 10 #2 should be	2. ... When $x = 2$ , the travelling cost is \$1 600 and the rental cost is \$2 500.
P.155 #19(b) should be	If ..., find the rate of change of $OQ$ with respect to time when $\theta = \frac{\pi}{3}$ radians.
P.171 Objectives 1 should be	1. To recognize <u>integration</u> as the reverse process of differentiation.
P.214 #13(a) should be	Evaluate <del><math>\int_1^e (1-x^2) dx</math></del>
P.231 3rd line from the top should be	$= 2\pi a^2 \int_0^b (1 - \frac{y^2}{b^2}) dy$
P.247 Ex.13C #5(b) should be	$\mathbf{a} = 2\mathbf{i} + 5\mathbf{j}$ , $\mathbf{b} = -2\mathbf{i} - \mathbf{j}$ , $\mathbf{c} = 6\mathbf{i} - \mathbf{j}$
P.248 Ex.13C #15(b)(i) should be Ex.13D #4(a) should be #15(a) should be Rev. Ex. 13 #5(b) should be	$\overrightarrow{CD} = (\frac{3m-1}{3})\mathbf{a} - \frac{2}{3}\mathbf{b}$ , $\overrightarrow{CE} = (\frac{3m-1}{2})\mathbf{a} - \mathbf{b}$ 135°, $\underline{2}$ $\underline{p} = \frac{1}{1+r}(\mathbf{a} + r\mathbf{b})$ $\underline{\alpha} = -1$ , $\underline{\beta} = 4$
P.249 Rev. Ex. 13 #8(c) should be #16(a) should be #18(d) should be	$-24 \pm 15\sqrt{3}$ $\overrightarrow{AB} = 4\mathbf{i} - \mathbf{j}$ , $\overrightarrow{BC} = -\mathbf{i} - 4\mathbf{j}$ , $\overrightarrow{AC} = 3\mathbf{i} - 5\mathbf{j}$ $\frac{3}{5}\mathbf{a} + \frac{4}{5}\mathbf{b}$
P.250 Enrichment 13 #7 should be Ex.14B #14 should be Ex.14C #7(b) should be	6, 108.4°, 53.1°, 18.5° -1 slope is <u>undefined</u>
P.252 Ex.15D #3 should be	$\frac{2x}{y}$
P.255 Ex. 16B #10 should be  #15(a)  #18(a) should be  #18(b)	$\max.(\frac{3}{2}, \frac{3\sqrt{3}}{4})$ , $\min.(\frac{3}{2}, -\frac{3\sqrt{3}}{4})$ <u>should be deleted</u> $3x^2 - 18x + 15$ , $1 \leq x \leq 5$ <u>should be deleted</u>

(to be continued ...)

## New Trend Additional Mathematics Vol.2 (2002 Student's Edition)

Page	Corrections
P.255 Ex. 16C #6(b) should add  #14(c) should be  #17(c) should add	$\frac{3a^2}{2(a-5)} \text{ square units}$ $4\sqrt{3} \text{ cm}$ $t = \frac{1}{\sqrt{2}} \text{ or } -\frac{1}{\sqrt{2}}, 3\sqrt{3} \text{ m}$
P.256 Ex. 16D #19(a) should be	$\frac{\sqrt{3}+4}{2} \times$
P.259 Ex. 18A #24(b) should be  Ex. 18B #9 should be	$-\frac{x}{(x-1)^2} + C_1$ $-\frac{1}{24} \cos 6x - \frac{1}{8} \cos 2x + C$
P.261 Rev. Ex. 20 #20(b)(ii) should be	$-54\pi \text{ square units per minute}$

Please remind students to amend their textbook accordingly.