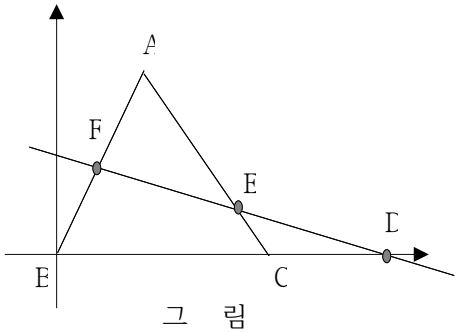
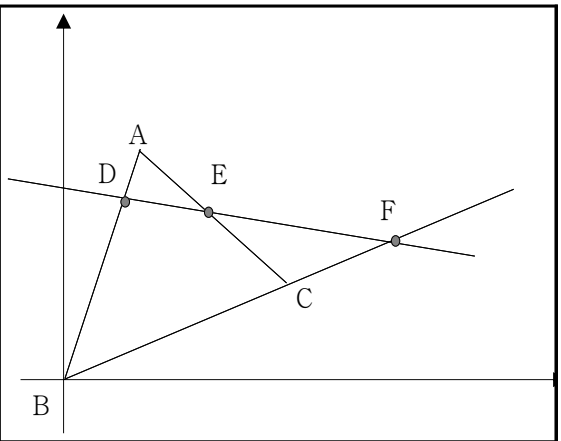
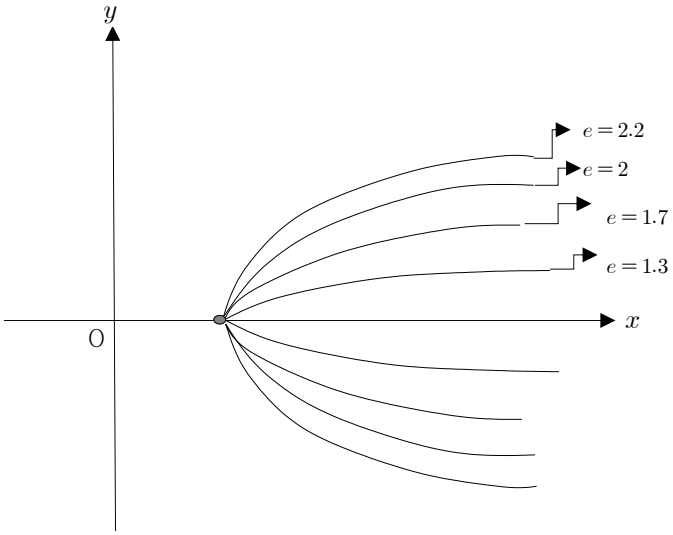
정오표(제목, 저자)

페이지	수정 전	수정 후
p.25 예제1.4.2 풀이	$F(x,-y)=0$ (y축에...)	$F(-x,y)=0$ (y축에...)
p.29 예제1.4.6	$\mathrm{P}(1,2)$	$\mathrm{P}_0(1,2)$
p.32, 하2	$x'=a\cos(\theta+\theta_0)$	$x'=r\cos(\theta+\theta_0)$
p.38 문제7	$F(x,y)=x^2-y^2+xy+2$	$F(x,y)=x^2-y^2+xy+2=0$
p.38 문제8	$F(x,y)=xy+x-y+10$	$F(x,y)=xy+x-y+10=0$
p.61 예제2.2.4	$\tan\phi=\dfrac{m_2-m_1}{1+m_1m_2}$	$\tan\phi=\dfrac{m_1-m_2}{1+m_1m_2}$
p.61 예제2.2.4의 풀이 중간	$\tan\phi=\tan(\theta_2-\theta_1)=\dfrac{\tan\theta_2-\tan\theta_1}{1+\tan\theta_1\tan\theta_2}$	$\tan\phi=\tan(\theta_2-\theta_1)=\dfrac{\tan\theta_1-\tan\theta_2}{1+\tan\theta_1\tan\theta_2}$
p.61 하 2	$\tan\phi=\dfrac{m_2-m_1}{1+m_1m_2}$	$\tan\phi=\dfrac{m_1-m_2}{1+m_1m_2}$
p. 62 참고	$\tan\psi=-\tan\phi=\dfrac{m_1-m_2}{1+m_1m_2}$	$\tan\psi=-\tan\phi=\dfrac{m_2-m_1}{1+m_1m_2}$
p. 67예제2.2.9상4	$=\dfrac{1}{2}\begin{vmatrix}x_1 & y_1 & 1\\ x_2 & y_2 & 1\\ x_3 & y_3 & 1\end{vmatrix}$	$=\dfrac{1}{2}\left\lvert\begin{vmatrix}x_1 & y_1 & 1\\ x_2 & y_2 & 1\\ x_3 & y_3 & 1\end{vmatrix}\right\rvert$
p.69상1	$0=\begin{vmatrix}x & y & 1\\ x_2 & y_2 & 1\\ x_3 & y_3 & 1\end{vmatrix}$	$0=\begin{vmatrix}x & y & 1\\ x_1 & y_1 & 1\\ x_2 & y_2 & 1\end{vmatrix}$
p.72하1	$k=\dfrac{y_1x_3-x_2y_3}{x_1(y_2-y_3)-y_1(x_2-x_3)}$	$k=\dfrac{-x_2y_3+y_2x_3}{x_1(y_2-y_3)-y_1(x_2-x_3)}$

p.74그림2.22	 그 림	
p.97상2,4	$y-3=2(x+2)\pm 4\sqrt{17}$ $y=2x+7\pm 4\sqrt{17}$	$y-3=2(x+2)\pm 4\sqrt{5}$ $y=2x+7\pm 4\sqrt{5}$
p.102상1	$(x_1+2)x+(y_1-3)y+2x_1-3y_1-5=0$	$(x_1+2)x+(y_1-3)y+2x_1-3y_1-3=0$
p.104 중간	$kF_1(x,y)+f_2(x,y)=0$	$kF_1(x,y)+F_2(x,y)=0$
p.113하3	$0 \le e \le 1$	$0 < e < 1$
p.116상3	$y = \pm\dfrac{b}{c}+y_0$	$y = \pm\dfrac{b}{e}+y_0$
p.117하5	$y = \pm\dfrac{3}{\sqrt{5}}+3$	$y = \pm\dfrac{9}{\sqrt{5}}+3$
p.125중간	한편 $a>c$	한편 $a<c$
p.126 그림 4.10		
p.141	예제 4.3.6 매개방정식 $x=5+3t$	예제 4.3.6 매개방정식 $x=5+3t^2$
p156하3	$\overline{\mathrm{PF'}}=\sqrt{(x_1-c)^2+y_1^2}$	$\overline{\mathrm{P_1F'}}=\sqrt{(x_1+c)^2+y_1^2}$
p.157 상3	$\overline{\mathrm{PF}}=\dfrac{cx_1-a^2}{a}$	$\overline{\mathrm{P_1F}}=\dfrac{cx_1-a^2}{a}$
p.157상5	$\overline{\mathrm{PF'}}:\overline{\mathrm{PF}} = a^2+cx_1 : cx_1-a^2$	$\overline{\mathrm{P_1F'}}:\overline{\mathrm{P_1F}} = a^2+cx_1 : cx_1-a^2$
p.157상 7	$\overline{\mathrm{F'Q}}:\overline{\mathrm{FQ}} = \dfrac{a^2}{x_1}+c : c-\dfrac{a^2}{x-1}$	$\overline{\mathrm{F'Q}}:\overline{\mathrm{FQ}} = \dfrac{a^2}{x_1}+c : c-\dfrac{a^2}{x_1}$
p.169 그림5.16	$y=\dfrac{2p}{m}x$ 직경	$y=\dfrac{2p}{m}$ 직경
p. 173 중간	$\mu t=x-y_1$	$\mu t=y-y_1$
p.176하2	$r_1r_2\left(\dfrac{\cos^2\theta}{a^2}+\dfrac{\sin^2\theta}{b^2}\right)=1$	$r_1r_3\left(\dfrac{\cos^2\theta}{a^2}+\dfrac{\sin^2\theta}{b^2}\right)=1$
p.177상1	$r_1r_2=r_2^2$ 즉 $\mathrm{OP}\cdot\mathrm{OQ}=\mathrm{OM}^2$	$r_1r_3=r_2^2$ 즉 $\mathrm{OP}\cdot\mathrm{OQ}=\mathrm{OM}^2$
p.179 풀이	준선 $g:x=\dfrac{a^2}{e}$	준선 $l:x=\dfrac{a}{e}$

p.185 참조(2)	(2) 이차향의 계수는 없어진다.	(2) 일차향의 계수는 없어진다.
p.187하4	$\frac{X^2}{m^2}+\frac{Y^2}{n^2}=1$	$\frac{\overline{X}^2}{m^2}+\frac{\overline{Y}^2}{n^2}=1$
p.193 하5	$D=a'b'c'+2h'f'g'-af'^2-bg'^2-ch'^2$	$D=a'b'c+2h'f'g'-a'f'^2-bg'^2-ch'^2$
p.227 상.3.4	$\overrightarrow{\mathrm{PP_1}}$은 평행하므로\\ $\overrightarrow{\mathrm{PP_1}}=t\overrightarrow{P_1P_2}$	$\overrightarrow{\mathrm{P_1P}}$은 평행하므로\\ $\overrightarrow{\mathrm{P_1P}}=t\overrightarrow{P_1P_2}$
p.234	$(\lambda,\mu,\nu)=\frac{1}{\sqrt{161}}(-10,-5,6)$ $\mathrm{P_1}(1,3,2)$ $\overrightarrow{\mathrm{P_1P_2}}=(-3,-2,1)$ $d=(\lambda,\mu,\nu)\cdot\overrightarrow{\mathrm{P_1P_2}}$ $=\frac{1}{\sqrt{161}}(30+10+6)=\frac{46}{\sqrt{161}}$	$(\lambda,\mu,\nu)=\frac{1}{\sqrt{125}}(-8,-5,6)$ $\mathrm{P_1}(1,3,-2)$ $\overrightarrow{\mathrm{P_1P_2}}=(-3,-2,5)$ $d=\lvert(\lambda,\mu,\nu)\cdot\overrightarrow{\mathrm{P_1P_2}}\rvert$ $=\frac{1}{\sqrt{125}}(24+10+30)=\frac{64}{\sqrt{125}}=\frac{64}{5\sqrt{5}}$
p.265 상1	$(10,14,-3)$	$12(10,14,-3)$
약력	경상대학교	경상국립대학교



P126 그림 4.10

을 위의 그림으로 수정 부탁합니다.