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$$\pm \dot{g}^\circ$$

$$\mathfrak{o}_{\mathfrak{t}}^{\circ} \cap \mathfrak{o}^{\circ}$$

$$\begin{aligned} \mathfrak{L}^\circ &= \{ \tfrac{1}{2}, \dots, \pm \tfrac{3}{4} \dot{g}^\circ \} \quad \text{\texttt{\texttt{L}^{\texttt{T}E\texttt{X}}}} \dot{g}^\circ, \\ &= \{ \dots, {}^1\!\!\ll \quad \quad \quad \dots, {}^2\!\!\tfrac{1}{4} \quad \quad \quad \dots \}. \end{aligned}$$

# 第一章

‘ $\mu\textcircled{\text{C}}$ ’  $\dot{\iota}$   $\pm\frac{3}{4}\dot{\iota}$   $\pm$   $\text{T}_{\text{E}}\text{X}$   $^{\circ}$  汾  $\mu\dot{\text{g}}^{\circ}$ .

$\mu$   $1\frac{1}{2}$   $\hat{\text{o}}\dot{\iota}$   $\text{L}\text{A}\text{T}_{\text{E}}\text{X}\text{£}\dot{\iota}$

Word  $\frac{1}{4}$   $\hat{\text{j}}$  ,  $\text{T}_{\text{E}}\text{X}$   $\pm$   $\pm$  .  $\mu\ll$  , ¶  $\hat{\text{j}}$  ,  
Word  $^{\circ}$  汾 £ $^{\circ}$   $\mu\dot{\text{g}}^{\circ}$   $_{\text{,}}$   $^3$   $^1$  .  $\mu\ll$  »¶  $^{\circ}\text{o}\text{L}^{\circ}$   $\frac{1}{2}$   $\mu$   $_{\text{,}}$   $^{\circ}$  .

## 1.1.

$\pm\frac{3}{4}\dot{\text{g}}^{\circ}$   $\mu$   $_{\text{,}}$  .  $\text{L}\mu$   $^3$   $_{\text{,}}$  .  $\mu^{\frac{1}{4}}$   $\frac{1}{2}^2\mu\text{I}\text{J}$ »  $'|$  ,  $\dot{\iota}$   $\acute{\text{G}}$   $'$  ,  
'  $\text{j}$  .

## 1.2. $\text{T}_{\text{E}}\text{X}$

$\text{T}_{\text{E}}\text{X}$  <http://www.ctex.org/HomePage>

$\text{T}_{\text{E}}\text{X}$   $\mu$  £ $^{\circ}$  <http://bbs.ctex.org/>



第三章  ${}^1\!\ll\!\mathring{\mathcal{U}}$

$\bullet\quad\mathcal{J}\,\mathring{\mathfrak{u}}\!\ll\!\pm\quad.$

$$F(b)-F(a)=\int_a^bF'(x)\,dx. \tag{3.1}$$

$$\mathfrak{p}\,\mathbf{1}\,{}^{1/2}$$

$$x=y,y=z,\quad \hat{\mathfrak{o}}\,\hat{\phi}\quad\quad x=z.\quad\quad {}^3\!\mathfrak{x},\quad\mathfrak{z}\quad {}^3\quad\mathfrak{Z}.$$

$$\mathfrak{p}\,\mathbf{2}\,{}^{1/2}\quad\quad\mathfrak{Z}$$

$$x=y,\quad\hat{\mathfrak{o}}$$

$$f(x)=f(y)$$

$$\mathfrak{p}\!\ll\quad,\quad x\neq y,\quad\quad {}^2\!\gg$$

$$f(x)\neq f(y) \tag{3.2}$$

$$(\mathfrak{?}\mathfrak{?})\,{}^2\!\gg\quad x\neq y\,\mathfrak{p}\mathfrak{u}\quad.$$

$${}^{\mathfrak{o}}\!\mathfrak{p}\,\mathfrak{z}\,{}^2\!\gg\!\pm\quad,\quad\quad\backslash\mathrm{nonumber}\mathfrak{p}\quad\tilde{\mathfrak{a}}^{\mathfrak{o}}$$

$$\begin{aligned} W_{i,a}^{\mathrm{new}} &\leftarrow W_{i,a} \sum_{\mu} \frac{V_{i,\mu}}{(WH)_{i,\mu}} H_{a,\mu} \\ H_{a,\mu}^{\mathrm{new}} &\leftarrow H_{a,\mu} \sum_i W_{i,a} \frac{V_{i,\mu}}{(WH)_{i,\mu}} \end{aligned} \tag{3.3}$$

$$W_{i,a}^{\mathrm{new}} \leftarrow \frac{W_{i,a}}{\sum_j W_{j,a}} \tag{3.4}$$

$$\ll\,\P^{1/4^2}\!\gg\!\pm\quad,\,\mathfrak{z}\quad\quad\mathsf{L}_{\mathfrak{z}}\,\bullet\,\mathfrak{z}_{/4}^3\!:$$

$$\begin{aligned} (\arcsin x)^2 &= \left(\sum_{k=0}^\infty \frac{C_{2k}^k}{2k+1} \frac{x^{2k+1}}{2^{2k}}\right)^2 \\ &= \sum_{k=0}^\infty \sum_{j=0}^\infty \frac{C_{2k}^k C_{2j}^j}{(2k+1)(2j+1)} \frac{x^{2k+2j+2}}{2^{2k+2j}} \\ &= \sum_{n=0}^\infty \sum_{k+j=n} \frac{C_{2k}^k C_{2j}^j}{(2k+1)(2j+1)} \frac{x^{2n+2}}{2^{2n}} \\ &= \sum_{n=0}^\infty \frac{(2x)^{2n+2}}{2C_{2n+2}^{n+1}(n+1)^2}. \end{aligned}$$

、 $\P\gg\bullet\frac{3}{4}^3\mathfrak{p}\quad\circ\quad\bullet\quad{}^\circ\hat{\mathfrak{w}}\quad\ddot{\mathfrak{y}}\quad\frac{1}{4}\quad\mathrm{L}^{\mathrm{A}}\mathrm{T}_{\mathrm{E}}\mathrm{X}\mathfrak{p}\quad\text{縊}.$   
 $\pm\frac{3}{4}\mathring{\mathfrak{g}}^\circ\quad,\quad\ddot{\mathfrak{y}}\mathfrak{z}^{\mathfrak{a}},\,{}^1\!\ll\,\pm\quad\frac{1}{4}\quad.\quad,\,\frac{1}{4}\text{'}\gg\frac{1}{2},\,\frac{1}{4}\quad{}^2\mathfrak{c}^2\gg\quad\mathfrak{z}^{\mathfrak{a}}\left(\pm\quad(??),\,(??)\right),\quad{}^1\!\ll\,\pm\,\hat{\mathfrak{w}}\quad{}^\circ\P\quad\mathfrak{m}\mathfrak{j}\neg\mathfrak{t}\frac{1}{2}$   
 $,\quad\quad\mathfrak{z}\pm$

`\def\theequation{\arabic{chapter}.\arabic{section}.\arabic{equation}}`

`(\> \def\theequation{3.2.\arabic{equation}})`

`\setcounter{equation}{0}`

$\mathfrak{z}\quad\quad\mathfrak{p}\mathfrak{u}\quad\text{“3.1.3”},$   
 $\mathfrak{p}\acute{\mathfrak{L}}\ll\pm:$

$$\lim_{n\rightarrow+\infty}\left(1+\frac{1}{n}\right)^n=e. \tag{3.2.1}$$

$\P\text{''}\quad\text{塙}\quad\P\text{''}\quad\quad{}_1\ddot{\mathfrak{Y}}\quad\mathfrak{z}\quad\quad.$

## 第四章 ±

Dataset	Before	After	Percentage
ALL/AML leukaemia	7129	1038	14.56
Breast Cancer	24 481	834	3.41
CNS embryonal tumous	7129	74	1.04
Colon tumour	7129	135	1.89
Lung cancer	12 533	5365	42.81
Prostate cancer	12 600	3071	24.37
outcome	12 600	208	1.65

表 4.1:

<sup>2</sup>,  $i^{-1/4}$

`\includegraphics[options]{yourfile}`

<sup>3/4</sup> <sup>1/4</sup> `graphicx` <sup>o</sup>, PDF LATEX ± » <sup>3</sup> EPS,  $\mu$ , <sup>2</sup>»<sup>1</sup> <sup>1/2</sup>« EPS PDF <sup>o</sup>.  
<sup>3/4</sup>  $\pm^{3/4}g^o$  岷 <sup>3</sup>  $\mu^o$ .

<sup>3/4</sup>  $i$  MatLab <sup>3/4</sup>  $g$  £©, <sup>o</sup> £<sup>o</sup>¬, <sup>1/2</sup>»»»  $\mu$  © $i$  MetaPost » Asymp-  
tote,  $g^o$  岷 <sup>3</sup>  $o$ .

# 第五章 ¶ ¾³

µ 1 ½

g° “\newtheorem{theorem}[definition]{¶ }” µ “ [definition]” J¶µ ,  
 “ ú ” ± t°

$$5.1. ¶ A, ³ b A² ≥ 0.$$

$$¶ 5.2. A, B _s , 2AB ≤ A² + B².$$

µ 2 ½

$$5.3. a, b _s , 伸 ° ¾²»´ ¾, ¼´ √ab ≤ \frac{a+b}{2}.$$



## 第六章 · ”

$\pm$  )  $\cdot^3$  ,  $^3$  ,  $\cdot$  ,  $-$  )  $^3$   $^{1/4}$  ,  $\cdot$  ).  
 ij [?],  $^{1/4}$  [?], [?].  
 ij [?],  $^{1/4-}$  [?].  
 $^{1/2-}$  ,  $\mu \cdot "$   $([?])^{\circ}$   $^{\circ}$   $([?]) \cdot "$  ,  $\mu^{1/2}$  .

$\hat{J} = i\mathbb{C}$  .  
 $\hat{J} = k'^2 \cdot \circ 4$ ,  $\hat{J} = \mathbb{C}^{-2} \mathbb{Y} \mathbb{P}^3$  ;  $\hat{J} = \mu$  .  
 $\mu$  2001–2005  $\frac{3}{4}g^\circ$  .  $\mu$  2004  $\frac{1}{4}\mathbb{P}^1$  2008  
 $\mu = \frac{3}{4}\mathbb{P}^1$  . ,  $\hat{a} \mathbb{P}^{\frac{3}{4}i\frac{1}{4}} g^\circ$  .

$$2^{-1/4}$$

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