#### -ÚŽŸ

EPSON Scan! II, ", æ, ÑEPSON TWAINfwf<fv

EPSON Scan! II,Í□AEPSONfJf‰□[fXfLfffi,ð□§Œä,·,鉿'œ"ü—ĺft□[fefBfŠfefB,Å,·□BEPSON TWAIN,ÍEPSON Scan! II,Ì't□S,ð□¬,·fvf□fOf‰f€,Å□A‰æ'œ"Ç,ÝŽæ,莞,ÉŠeŽí<@"\,ð□Ý'è,Å,«,é ‰æ'œ"ü—ĺft□[fefBfŠfefB,Ì•W□€fCf"f^□[ftJFfCfX,Å,·□B,±,ÌEPSON TWAIN,ÉŠÜ,Ü,ê,é<@"\ ,Í□ATWAIN'Ήž,ÌfAfvfŠfP□[fVf‡f"f\ftfgfEfFfA,©,ç,à—~p,Å,«,Ü,·□B

fwf<fv,Ì□€–Ú,ðʻI,Ô,É,Í□A‰º□ü,Ì,Â,¢,½□€–Ú,ðfNfŠfbfN,·,é,©□ATabfL□[,Å□€–Ú,ðʻI,ñ,ÅEnterfL□[,ð ‰Ÿ,µ,Ü,·□Bfwf<fv,ð□‰,ß,ÄŽg,¤,Æ,«,Í□AF1fL□[,ð‰Ÿ,·,©fwf<fvf□fjf... □[,©,ç□mfwf<fv,ÌŽg,¢•û□n,ðʻI,ñ,Å,,¾,³,¢□B

EPSON Scan! IIf ff ff fif... [[

 $\label{eq:linear_line$ 

#### **EPSON TWAIN**

EPSON TWAIN.É.Â.¢.Ä <u>∏m‹‹Žt⊡nf⊡fjf…⊡[</u>  $\underline{\mathsf{mfCf}}[fWf^{fCfv}]nf{f^{f''}, \mathcal{Ef}}]fjf...][$  $\boxed{m\_o\_i < @Ši\_nf{f^f, Æf\_fjf...]}$ <u>□m‰ð'œ"x□nf□fjf…□[</u> <u>\_\_mfTfCfY\_n</u> <u>□mfY</u>[<u>f</u>€<u>□</u>n □mfCf□□[fW□§Œä□nf{f^f"  $\square m^{"}Z^{"}x \cdot \hat{a} \square^{3} \square nf{f^{f}}$  $mffm['^2] \otimes nf{f^f'}$ <u>□mfŠfZfbfg</u>\_nf{f^f"  $[m''_2"]$   $nf{f^f''$ <u>∏mŽ©"®~IŒõ∏nf{f^f</u>" <u>\_mީ"®"ĺ^ĺ'l'ð\_nf{f^f</u>" <u></u>]mŠÂ‹«]Ý'è]nf{f^f" <u>mŽæ,è[]ž,Ý[]nf{f^f"</u> □mfvfŒfrf...□[□nf{f^f"

## []mftf@fCf<[]nf[]fjf...[[

[mftf@fCf<[nf[]fjf...[[,©,ç,ĺŽŸ,ÌfRf}f"fh,ð'l'ð,Å,«,Ü,·[]B

□mŠJ,...□n EPSON Scan! II,ŕۑ¶,μ,½Šù'¶,Ìftf@fCf<(\*.ORG),ðŠJ,«,Ü,·□B

[]m•Â,¶,é[]n ‰æ–Ê,Ì[]Å,àŽè'O,É•\ަ,³,ê,Ä,¢,éfAfNfefBfufEfBf"fhfE,ð•Â,¶,Ü,·[]B ftf@fCf<,ð•Û'¶,μ,Ä,¢,È,¢[]ê[]‡,Í[]A•Û'¶,·,é,©,Ç,¤,©,ðŠm"F,·,éf[]fbfZ[[fW,ª•\ަ,³,ê,Ü,·[]B

[]mftf@fCf‹[]o—ĺ...[]n fAfNfefBfufEfBf"fhfE,Ì ‰æ'œ,ð'l'ð,μ,½ftf@fCf‹ftfH[[f}fbfg,ŕۑ¶,μ,Ü,·[]B[]mTIFF5.0[]n[]A[]mEPS[]n[]A[]mDIB[]n[]A[]m PCX[]n[]A[]mTIFF6.0(JPEG)[]n[]A[]m]PEG[]n,Ì'†,©,ç[]A[]o—ĺ,·,éftf@fCf‹ftfH[[f}fbfg,ð'l,ñ,Å,-,¾,³,¢[]B,Ü,½[]A•K—v,ɉž,¶,Ä[]m^3][k[]n,Æ[]m•iŽ¿[]n,ð[]Ý'è,Å,«,Ü,·[]B

[]mfCf[][[fWŽæ"¾...[]n ‰æ'œ,ðŽæ,è[]ž,Þ,½,ß,É[]A<u>EPSON TWAIN</u>,ðŠJ,«,Ü,·[]B

 $[m]I^1_n$ EPSON Scan! II,ð[I-1,µ,Ü,·[]B

## □m•Ò□W□nf□fjf...□[

□m•Ò□W□nf□fjf...□[,©,ç,ĺŽŸ,ÌfRf}f"fh,ð'l'ð,Å,«,Ü,·□B

[]mfRfs[][]n Žæ,è[]ž,ñ,¾‰æ'œ,Ì^ê∙",Ü,½,Í'S∙",ðfNfŠfbfvf{[][fh,ÉfRfs[][,μ,Ü,·[]B

□m'S,Ä,ð'l'ð□n fAfNfefBfufEfBf"fhfE□ã,ÉŽæ,è□ž,ñ,¾‰æ'œ,Ì,·,×,Ä,Ì—Ì^æ,ð'l'ð,μ,Ü,·□B

# □m•\ަ□nf□fjf...□[

 $\label{eq:model} [m \bullet \Label{eq:limit} \Label{eq:limit} [m \bullet \Label{eq:limit} \Label{eq:l$ 

[]m,·,×,Ä,Ìfhfbfg[1:1] []n Žæ,è[]ž,ñ,¾‰æ'œ,ÌŠe‰æ'f[]ifsfNfZf<[]j,ðfffBfXfvfŒfC,ÌŠe∙\ަfhfbfg,É,P[]F,P,É'Ήž,³,¹,Ä ‰æ'œ,ð•\ަ,μ,Ü,·[]B

[]m'S'Ì[]n

fAfNfefBfufEfBf"fhfE,ÌfTfCfY,É□‡,í,¹,Ä□AŽæ,è□ž,ñ,¾‰æ'œ,Ì'S'Ì,ð∙\ަ,μ,Ü,·□B'å,«,È ‰æ'œ,Ì□ê□‡,Í□A□k□¬,μ,Ä•\ަ,μ,Ü,·□B

## **\_\_mfEfBf"fhfE\_\_nf\_\_fjf...\_[**

ŠJ,©,ê,Ä,¢,é,·,×,Ä,ÌfEfBf"fhfE,Ìftf@fCf‹-¼,ª•\ަ,³,ê,Ü,·□Bftf@fCf‹-¼,ð'l'ð,·,é,Æ□A,»,Ìftf@fCf‹fEfBf"fhfE,ªfAfNfefBfu,É,È,è□i'l'ð,³,ê□j□A‰æ-Ê,Ì□Å'O-Ê,É•\ ަ,³,ê,Ü,·□B

## □mfLfffŠfufŒ□[fVf‡f"□nf□fjf…□[

 $\Box o = \hat{i} = \hat$ [mfLfffŠfufŒ[[fVf‡f"[]nf[]fjf...[[,©,ç,ĺŽŸ,ÌfRf}f"fh,ð`l'ð,Å,«,Ü,·[]B

[mfLfffŠfuf@[[fVf‡f"f`ff[[fg,]]o-[...]n]]fvfŠf"f^,Ì□o—ĺ"Á□«,ð‰ð□ĺ,·,é,½,ß,ÌfLfffŠfufŒ□[fVf‡f"f`ff□[fg,ðftf@fCf<□o ĺΠiŽw'è,μ,½ftf@fCf<Œ`Ž®,ŕۑ¶Πj,μ,Ü,·ΠBfAfvfŠfPΠ[fVf‡f"f∖ ftfgfEfFfA,ð<N"®,µ,Ä□A•Û'¶,µ,½fLfffŠfufŒ□[fVf‡f"f`ff□[fg,ðŠ],¢,ÄfvfŠf"f^,Å^ó□ü,µ,Ä,,¾,³,¢□B

[]mfLfffŠfufŒ[[fVf‡f""Á[]«ftf@fCf‹,Ì[]ì[]¬...[]n  $fXfLfffi, ÆfvfSf"f^{,i}HA_{,k}ESO, fefLfffSfufE_[fVf+f""A_{,k}ft]@fCf^{,}\delta_{,k}U_{$ ,ÌfŘfĴĴťſh,ðŽġ,Á,Ä□A<sup>^</sup>ó□ü,μ,½ſĽfffŠſuſŒ□[ſVſŧſ"f`ff⊡[ſġ,ðſXſĽfffi,©,çŽæ,è□ž,ñ,Å,-,¾,³,¢□BſvſŠſ"ſ^,É□‡,Á,½ſĽfffŠſuſŒ□[ſVſŧſ""Á□«ſtſ@ſCſ‹,ª□ì□¬,³,ê,Ü,·□B []`[]¬,µ,½fLfffŠfufŒ[[fVf‡f""Å[]«ftf@fCf‹,ðEPSON TWAIN,Ì[]m[]o— Í<@Ší[]nf\_fCfAf[]fOf{fbfNfX,ÌfLfffŠfufŒ[[fVf‡f",Å'l'ð,·,é,±,Æ,É,æ,Á,Ä[]AfvfŠf"f^,É[]‡,Á,½ ‰æ'œ,ðŽæ,è∏ž,Þ,±,Æ,ª,Å,«,é,æ,¤,É,È,è,Ü,·∏B

 $\label{eq:mfXfNfS} \label{eq:mfXfNfS} \label{eq:m$ ,ÌfRf}f"fh,ðŽg,Á,Ä[]mfXfNfŠ[][f"fLfffŠfufŒ[][fVf‡f"[]nf\_fCfAf[]fOf{fbfNfX,ðŠJ,¢,Ä,-,¾,³,¢□BfffBfXfvfŒfC,ð□,µ—£,ê,ÄŒ©,È,ª,ç□AŠefRf‰f€,ª"¯,¶fOfŒ□[,ÉŒ©,¦,é,Ü,ÅfXf ‰fCf [[,ð"®,©,μ,Ä[]A[]mOK[]nf{f^f",ð‰Ϋ,μ,Ü,·[]B,±,Ì"Á[]«ftf@fCf‹,ðŽg,¤,½,ß,É,Í[]AEPSON TWAIN,ðŠJ,¢,Ä∏A∏mŠÂ<«∏Ý'è□nf fCfAf∏fOf{fbfNfX,Å□mfXfNfŠ□[f"fLfffŠfufŒ□[fVf‡f"□n,ð•K, — Lο,É,µ,Ä,,¾,,3,¢∏B

## □m‹<ކ□nf□fjf...□[

Ϋ□e,ÌfZfbfg•û–@,ðŽw'è,·,éf□fjf…□[,Å,·□B f□fjf…□[,©,玟,Ì,¢,\_,ê,©,Ì□Ý'è,ð'l'ð,µ,Ä,,¾,³,¢□B

$$\label{eq:mc_le_alpha} \begin{split} & [m \textcircled{C}^{-1}e' \ddot{a} ]n \\ & \textcircled{C}^{-1}e, \delta f X f L f f f i, \dot{l} \textcircled{C}^{-1}e' \ddot{a}, \dot{e}' u, \dot{e}, \ddot{A}, \dot{e}, \dot{e} ] \dot{e} ] \ddagger, \dot{E}' l' \delta, \mu, \ddot{U}, \cdot ]B \end{split}$$

 $\label{eq:linear} $$ MGC = ffjfbfg n ffvfvftff", h \in \mathbb{C}^{+}, h \in \mathbb{C$ 

[]mADF[]n flfvfVf‡f",ÌADF[]ifl[[fgfhfLf...f[]f"fgftfB[[f\_]j,ðŽg—p,∙,é[]ê[]‡,É'l'ð,μ,Ü,·[]BADF,ð'•'...,μ,Ä,¢ ,é[]ê[]‡,É,Ì,Ý'l'ð,Å,«,Ü,·[]B

#### $\label{eq:mfcf_cf_f} mfcf_f(f) = [fWf^fcfv_nf{f^*, \ensuremath{\mathcal{E}}} f) = [fWf^fcfv_nf{f^*, \ensuremath{\mathcal{E}}} f] = [fWf^fcfv_nfff(f) = [fWf^fcfv_nf{f^*, \ensuremath{\mathcal{E}}} f] = [fWf^fcfv_nf{f^*,$

$$\label{eq:constraint} \begin{split} & \|\dot{U}\| \times \|\dot{Y}'\grave{e}f, \|[fh, \grave{h}, \mathcal{A}, \ast\|A\| mfCf\| \|[fWf^fCfv\|nf\{f^f`, \delta fNf\check{S}fbfN, \cdot, \acute{e}, \mathcal{A}\|A\check{Z}\check{Y}, \grave{h}\|\check{Y}'\grave{e}, \delta\bullet\ddot{I}\|X, \mathring{A}, \ast, \ddot{U}, \cdot\|B\| \end{split}$$

□mfCf□□[fWf^fCfv-¼□n ′è<`□Ї,Ý□Ý'è-¼,¨,æ,ÑfJfXf^f€□Ý'è-¼,ªf□fjf…□[,ÉŒ»,í,ê,Ü,·□B

[]m∙\Œ»[]F[]n

Žæ,ë́[]ž,Þ̈́[]F̃[]",Ü,½,ÍŠK'²[]",ðʻl'ð,µ,Ü,·[]B<u>[]mftf‹f]f‰[[]n[]A[]m256[]Ff]f‰[[]n[]A[]m,W[]Ff]f</u> <u>‰[[[]n[]A[]m256ŠK'²fOfŒ[[[]n[]A[]m16ŠK'²fOfŒ[[[]n[]</u>A,¨,æ,Ñ<u>[]mf,fmfNf[[]n</u>,Ì'†,©,çʻl'ð,Å,«,Ü,·[] B

[]m′†ŠÔ′²[]n

•\Œ»□F,ª□m8□FfJf‰□[□n,Ü,½,Í□mf,fmfNf□□n,Ì,Æ,«,Ì□A~A'±ŠK'²,ð<^Ž—"I,É□ÄŒ»,·,é•û-@,ð'I'ð,µ,Ü,·□B□m-³,µ□n□A□m′†ŠÔ'²A□i□d'²□j□n□A□m′†ŠÔ'²B□i"î'²□j□n□A□m′†ŠÔ'²C□i-Ô"\_□j□n□A□mfffBfUA□ifxfCf,"□[□j□n□A□mfffBfUB□i‰QŠª□j□n□A□mfffBfUC□i4x4-Ô"\_□j□n□A,¨,æ,Ñ□mfffBfU,c□i8x4-Ô"\_□j□n,Ì'†,©,ç'I'ð,Å,«,Ü,·□B

□mfhf□fbfvfAfEfg□n

•\Œ́»[]F,ª[]mfOfŒ[][]n,Ü,½,ĺ[]mf,fmfNf[]]n,Ì,Æ,«,Ì[]AŽæ,è[]ž,Ü,È,¢[]F,ð'l'ð,μ,Ü,·[]B[]m\_ <u>³,μ[]n[]A[]m[]Ô[]n[]A[]m\_Î]n[]</u>A,¨,æ,Ñ[]m[]Â[]n,Ì'†,©,ç'l'ð,Å,«,Ü,·[]B

[]m∙iŽ;[]n

Žæ,è<code>[]ž̆,Ý•iŽ¿,ðʻl'ð,µ,Ü,·</code>[<code>B<code>]mfhf‰ftfg]n,Ü,½,Í</code>[<u>m<code>],•i^Ê]n,Ì,¢,,</mark>,ê,©,ðʻl'ð,Å,«,Ü,·</code>[<code>B</code></code></u>

[]mfJf‰[][Žæ,è[]ž,Ý[]n fJf‰[][Žæ,è[]ž,Ý,Ì•û–@,ð'l'ð,μ,Ü,·[]B[]m[]ü[]‡ŽŸ[]n,Ü,½,Í[]m–Ê[]‡ŽŸ[]n,Ì,¢,¸,ê,©,ð'l'ð,Å,«,Ü,·[]B

$$\begin{split} & \check{S}u'\P, & \dot{\Pi}mfCf\Pi\Pi[fWf^fCfv-\frac{1}{2}\Pi, \dot{I}\Pi'\dot{e}\cdot\ddot{\Pi}X, \hat{a}\PiA\PiV\cdot K\PimfCf\Pi\Pi[fWf^fCfv-\frac{1}{2}\Pi, \dot{I}\Pi'\dot{e}, \dot{a}\Pi, \dot{I}\Pi'\dot{e}, \dot{a}\Pi', \dot{I}\Pi'\dot{e}, \dot{a}\Pi'\dot{e}, \dot{a}\Pi'\dot$$

#### **]m]o**—Í<@Ší]nf{f^f",Æf∏fjf...][

□o—ĺ<@Ší,ðŽw'è,•,éf□fjf…□[,Å,·□B

f□fjf...□[,É,ĺ, ,Ç,©,¶,ß□

[]m[]o—ĺ‹@Ší-¼[]n 'è‹`[]Ї,Ý[]Ý'è-¼,¨,æ,уJƒXƒ^ƒ€[]Ý'è-¼,ªƒ[]ƒjƒ...[][,ÉŒ»,í,ê,Ü,·[]B

[]m‰ð'œ"x[]n

□m□ü‰æ□<sup>^</sup>′†ŠÔ′²□n,̉ð'œ"x,Æ□mŽÊ□^□n,̉ð'œ"x,ð•Ê□X,É'I'ð,µ,Ä,,¾,³,¢□B,Ç,¿,ç,Ì□m ‰ð'œ"x□n,ª—LŒø,É,È,é,©,Í□A□mfCf□□[fWf^fCfv□nf\_fCfAf□fOf{fbfNfX,Ì•\Œ»□F,Ì□Ý'è,É□¶ ‰E,³,ê,Ü,·□B□m•\Œ»□F□n,ð□m8□FfJf‰□[□n,Ü,½,Í□mf,fmfNf□□n,É□Ý'è,µ,Ä,¢,é□ê□‡,Í□A□m□ü ‰æ□^′†ŠÔ′²□n,̉ð'œ"x,ª—LŒø,Æ,È,è□A,»,Ì,Ù,©,Ì□m•\Œ»□F□n,É□Ý'è,µ,Ä,¢ ,é□ê□‡,Í□A□mŽÊ□^□n,̉ð'œ"x,ª—LŒø,Æ,È,è,Ü,·□B

[]mfLfffŠfufŒ[[fVf‡f"[]n fvfŠf"f^,¨,æ,ÑfffBfXfvfŒfC,È,Ç,Ì[]o— Í‹@Ší,É[]‡,í,¹,Ä[]A'è‹`[]ï,Ý,Ü,½,ĺfJfXf^f€fLfffŠfufŒ[[fVf‡f""Á[]«ftf@fCf‹,ð'l'ð,μ,Ä,,¾,³,¢[]B,± ,Ì[]Ý'è,Í[]A[]mfCf[][[fWf^fCfv[]n,Å[]m[]ü[]‡ŽŸ[]nfJf‰[[Žæ,è[]ž,Ý,ð'l'ð,μ,Ä,¢,é[]ê[]‡,É—LŒø,Å,·[]B

Šùʻ¶,Ì[]m[]o—lí‹@Ší-¼[]n,Ì[]Ý'è•Ï[]X,â[]A[]V‹K[]m[]o—lí·@Ší-¼[]n,Ì[]Ý'è,ð[]ì[]¬,µ,½,ç[]A[]m•Û'¶[]nf{f^f",ðfNfŠfbfN,µ,Ä[]Ý'è,ð•Û'¶,µ,Ä,-,¾,³,¢[]B•Û'¶,µ,½[]Ý'è,İ[]A[]m[]o—lí·@Ší[]nfvf‹f\_fEf"f[]fjf...[][,Å'líð,·,é,± ,Æ,ª,Å,«,Ü,·[]B[]mfLfff"fZf‹[]nf{f^f",ðfNfŠfbfN,·,é,Æ[]A[]Ý'è,Ì•Ï[]X,ĺfLfff"fZf‹,³,ê,Ü,·[]B

#### **□m‰ð'œ"x□**n

Žæ,è[]ž,Ý,̉ð'œ"x,ð^ꎞ"I,É•Ï[]X,µ,ÄŽæ,è[]ž,Ý,Ü,·[]B'Ê[]í,±,±,Å•\ަ,³,ê,Ä,¢,é ‰ð'œ"x,Ì[]"'I,Í[]A[]m[]o—Í‹@Ší[]n,Ì[]Ý'è,ÅŽ©"®"I,ÉŒ^,Ü,è,Ü,·[]B,µ,©,µ^ꎞ"I,ɉð'œ"x,ð•Ï,¦,Ä ‰æ'œ,ðŽæ,è[]ž,Ý,½,¢[]ê[]‡,Í[]A,±,±,'nð'œ"x,ð'I'ð,µ,Ä[]Ý'è,µ,Ü,·[]B,±,± ,Å,Ì[]Ý'è,ÍTWAIN,ð•Â,¶,é,Ü,Å—LŒø,Å[]A•Â,¶,½[]ê[]‡,É,Í[]A[]o—Í‹@Ší,Å[]Ý'è,³,ê,Ä,¢ ,é'I,É,È,è,Ü,·[]B

#### **□mfTfCfY□**n

‰æ'œ,ÌfTfCfY,ð•Ï□X,μ,Ü,□B □mfTfCfY□n'l,Í□AfvfŒfrf...□[fEfBf"fhfE,É•\ަ□i,Ü,½,Í'l'ð□j,³,ê,Ä,¢,é ‰æ'œ,Ì<u>□m•□□n,Æ□m□,,³□n</u>,ð•\ ,í,μ,Ü,·□B□mfTfCfYf⊡fbfN□nf{f^f",ðfNfŠfbfN,·,é,Æ□AŒ»□Ý'l,ðf□fbfN,μ,½,è□Af□fbfN,ð ‰ð□œ,μ,½,è,·,é,±,Æ,ª,Å,«,Ü,·□B

$$\label{eq:product} \begin{split} & [m'P^\hat{E}_nf_f_jf_..._0[,@,c_i-@,i\bullet\ X_j^{-}] \\ & \check{Z}_i'P^\hat{E}_i\delta'l'\delta_i\mu, U, U, UB_nf_f_f_nn_A_nf_f_f_f_nn_A_nf_f_f_nn_A_nf_f_f_i. \end{split}$$

### []mfY[][f€[]n

[]mfY[][f€[]n'I,Í[]AŽæ,è[]ž,Þ‰æ'œ,ÌŠg'å[]E[]k[]¬"{—¦,ð∙\ ,í,μ,Ü,·[]B[]mfY[][f€f[]fbfN[]nf{f^f",ðfNfŠfbfN,∙,é,Æ[]AŒ»[]Ý'I,ðf[]fbfN,μ,½,è[]Af[]fbfN,ð ‰ð[]œ,μ,½,è,∙,é,±,Æ,ª,Å,«,Ü,·[]B

#### **□mfCf□□**[fW**□**§Œä**□**nf{f^f"

[]mfCf[][[fW[]§@ä[]nf{f^f",ðfNfŠfbfN,·,é,Æf\_fCfAf[]fOf{fbfNfX,ª@»,í,ê[]A ‰æ'œ[]ó'Ô,ð[]§@ä,·,鎟,Ì[]Ý'è,ð•Ï[]X,·,é,±,Æ,ª,Å,«,Ü,·[]B[]Ý'è'l,ð•Ï[]X,·,é,É,Í[]AfXf ‰fCf\_[][,ð"®,©,·,©[]¶‰E,Ì-î^ó,ðfNfŠfbfN,μ,Ä,,¾,³,¢[]B

[]m−¾"x[]n

fŒfxf<,ð-127[]i[]Å,à^Ã,¢[]j,©,ç127[]i[]Å,à-¾,é,¢[]j,ÌŠÔ,Å[]Ý'è,·,é,± ,Æ,ª,Å,«,Ü,·[]B[<u>]m"äŠr[]nf{f^f"</u>,ðfNfŠfbfN,·,é,ÆfvfŒfrf...[[fEfBf"fhfE,É"äŠr ‰æ'œfTf"fvf<,ªŒ»,í,ê,Ü,·[]B

[]mfRf"fgf‰fXfg[]n fŒfxf‹,ð-127[]i[]Å'á[]j,©,ç127[]i[]Å[],[]j,ÌŠÔ,Å[]Ý'è,∙,é,± ,Æ,ª,Å,«,Ü,·[]B<u>[]m"äŠr[]nf{f^f"</u>,ðfNfŠfbfN,∙,é,ÆfvfŒfrf...[[fEfBf"fhfE,É"äŠr ‰æ'œfTf"fvf‹,ªŒ»,í,ê,Ü,·[]B

[]mfnfCf‰fCfg[]n

fŒfxf<,ð128[ii[]Å,à^Ã,¢[]j,©,ç255[ii[]Å,à-¾,é,¢[]j,ÌŠÔ,Å[]Ý'è,·,é,±,Æ,ª,Å,«,Ü,·[]B[]¶-î^ó,Ì ‰º,Ì[]mfnfCf‰fCfgfJf‰[[[]nf{f^f",ðfNfŠfbfN,·,é,Æ[]Af}fEfX,Ìf|fCf"f^,ªfXf] fCfgfAfCfRf",É•ï,í,è,Ü,·[]BfvfŒfrf...[][‰æ'œ,ÌfnfCf‰fCfg,·,é[]F,ðfNfŠfbfN,µ,Ä'I'ð,µ,Ä,-,¾,³,¢[]B[]m<u>"äŠr[]nf{f^f</u>",ðfNfŠfbfN,·,é,ÆfvfŒfrf...[][fEfBf"fhfE,É"äŠr ‰æ'œfTf"fvf<,ªŒ»,í,ê,Ü,·[]B

 $[mfVfffhfE]n f (f_{,0}, f_{,0}, f_{$ 

]m—ÖŠs<'2]n fŒfxf<,ð-,Q[]i[]Å,à,Ú,â,¯,é[]j,©,ç,Q[]i[]Å,à,Í,Á,«,è,·,é[]j,ÌŠÔ,Å[]Ý'è,·,é,± ,Æ,ª,Å,«,Ü,·[]B<u>[]m"äŠr[]nf{f^f"</u>,ðfNfŠfbfN,·,é,ÆfvfŒfrf...[][fEfBf"fhfE,É"äŠr ‰æ'œfTf"fvf<,ªŒ»,í,ê,Ü,·[]B

[]m,μ,«,¢'l[]n fŒfxf<,ð,O[]i[]Å,à^Ã,¢[]j,©,ç255[]i[]Å,à-¾,é,¢[]j,ÌŠÔ,Å[]Ý'è,·,é,±,Æ,ª,Å,«,Ü,·[]BfXfLfffi,Í[]A,± ,Ì,μ,«,¢'l,Ì[]Ý'è,ðŠî[]€ ,É,μ,Äf,fmfNf[],Ì"',Æ[]•,ð<æ•Ê,μ,ÄŽæ,è[]ž,Ý,Ü,·[]B[]m"äŠr[]nf{f^f",ðfNfŠfbfN,·,é,ÆfvfŒfrf... [][fEfBf"fhfE,É"äŠr‰æ'œfTf"fvf<,ªŒ»,í,ê,Ü,·[]B

#### **□m**″Z"x•â**□**³**□nf{f^f**"

[]m"Z"x•â[]³[]nf{f^f",ðfNfŠfbfN,·,é,Æf\_fCfAf[]fOf{fbfNfX,ªŒ»,í,ê[]A ‰æ'œ,Ì"Z"x[]ifÁ[]FfKf"f}[]j•â[]³,ð[]s,È,¤,±,Ӕ,ª,Å,«,Ü,·[]B"Z"x•â[]³,Í[]AfXfLfffi,Å"Ç,ÝŽæ,Á,½ ‰æ'œ,Ì"Z"xff[][f^,ð"Z"x<È[]ü,É[]‡,í,¹,Ä•â[]³,μ[]A[]o—ĺff[][f^,Æ,·,é<@"\,Å,·[]B

[]mfXf‰fCf\_[[[]n fXf‰fCf\_[[,ð[]㉺,É"®,©,·,Æ[]A0.5,©,ç2.5,Ü,Å0.1'P^Ê,Å"Z"x•â[]³,ð[]s,È,¤,± ,Æ,ª,Å,«,Ü,·[]B[]Ý'è'l,ĺfCf"fWfP[[[f^,É•\ަ,³,ê,Ä,¢,Ü,·[]B

[]m"Z"x<È[]ü[]nfGfffBf^

<sup>¯</sup>"Z"x‹È□ü□¯ã,Ì"Ć^Ó,ĺ"\_,ðfhf‰fbfO,μ,Ä"Z"x,ð'¼□Ú∙â□³,μ,Ü,·□BfGfffBf^,ðŽg,¤,Æ"Z"x∙â□³,ðŽ©— R,É∙Ï□X,Å,«,Ü,·□B

 $\underline{]m''aSr\_nf{f^{+},}\deltafNfSfbfN,\cdot,\acute{e},\poundsfvfCfrf...\_[fEfBf"fhfE,\acute{e}''aSr‰æ'cefTf"fvf<,^{2}CE>,\acute{i},\acute{e},Ü,\cdot\_B$ 

$$\label{eq:matrix} \begin{split} & \label{eq:matrix} \begin{aligned} & \label{eq:matrix} \begin{aligned} & \label{eq:matrix} \begin{aligned} & \label{eq:matrix} \begin{aligned} & \label{eq:matrix} & \label{eq:matrix} \begin{aligned} & \label{eq:matrix} & \label{eq:matrix} \begin{aligned} & \label{eq:matr$$

#### mfJf f' = 0

[]mfOfŒ[[fof‰f"fX[]n

Žw<sup>2</sup>e,μ,½[F,Ì[F<sup>2</sup>,ð—Ž,Æ,μ,Ä]A[F,Ì'g,Ý[‡,í,¹,ªfjf...][fgf‰f<fOfŒ][[li-³]Ê[F[]j,É,È,é,æ,¤ ,ÉfOfŒ][fof‰f"fX,ð'2]®,μ,Ü,·]B[mfOfŒ][fof‰f"fX]nfo][,̉<sup>2</sup>,É, ,é[m]F'2]nf{f^f",ðfNfŠfbf N,·,é,Æ]Af}fEfXflfCf"f^,ªfXflfCfgfAfCfRf",É•Ï,í,è,Ü,·]B[F'2,ð—Ž,Æ,μ,½,¢]F,ðfvfŒfrf... ][‰æ'œ]ã,ÅfNfŠfbfN,μ,Ä'I'ð,μ]AfXf‰fCf\_][,Ü,½,Í[]¶‰E,Ìî^ó,Å[F'2fŒfxf<]i0,©,ç100,Ü,Å[]j,ð'2]®,μ,Ü,·]B'2]®,³,ê,½[F,Í[A]m]F'2]nf{f^f",̉ ;,Ì]m•â]³fJf‰][[nf{fbfNfX,ÉŒ»,í,ê,Ü,·]B<u>[m"äŠr]nf{f^f"</u>,ðfNfŠfbfN,·,é,ÆfvfŒfrf... ][fEfBf"fhfE,É"äŠr‰æ'œfTf"fvf<,ªŒ»,í,ê,Ü,·]B

[]m[]Ê"x[]n

‰æ'œ'S'Ì,Ì□m□Ê"x□n,ð'²□®,µ,Ü,·□BfXfLfffi,Í□A,±,Ì□m□Ê"x□n□Ý'è,ðŠî⊡€ ,É,µ,½□f"x,Ì□F,ðŽæ,è□ž,Ý,Ü,·□B□F,Ì"Z'W□i, ,´,â,©,³□j,Í□A,±,Ì□Ê"x,É,æ,Á,ÄŒ^,Ü,è,Ü,·□BfXf ‰fCf\_□[,Ü,½,Í□¶‰E,Ì-î^ó,Å□Ê"x□i-100□i"-,¢□j,©,ç100□i"Z,¢□j,Ü,Å□j,ð□Ý'è,µ,Ü,·□B□<u>m"äŠr□nf{f^f</u>,ðfNfŠfbfN,·,é,ÆfvfŒfrf... □[fEfBf"fhfE,É"äŠr‰æ'œfTf"fvf<,ªŒ»,í,ê,Ü,·□B

# □mfŠfZfbfg□nf{f^f"

$$\label{eq:linear} \begin{split} & [mf\check{S}fZfbfg]nf\{f^f`,\check{o}fNf\check{S}fbfN,\cdot,\acute{e},\&]A]mfCf]][fW]\&\&\&a]n[A]m"Z``x\bullet a]^3]n[A]mfJf \\ & \& [1^2] \& [n,]\check{S}e]Y`\dot{e}, {}^{a}f\check{S}fZfbfg, {}^{3},\acute{e}]A,\cdot,\times,\ddot{A}, {}^{a}]& & \check{S}ú]o`(\hat{O},\acute{E},\grave{E},\grave{e},U,\cdot)]B \end{split}$$

#### **□m"½"]□nf{f^f**"

[]m"½"]]]nf{f^f",ðfNfŠfbfN,·,é,Æ[]AfvfŒfrf...[][fEfBf"fhfE,̉æ'œ,ªf|fW,Ü,½,ĺflfK[]ó'Ô,É"½"] ,μ,Ü,·[]B

#### **□mŽ©"®~IŒõ□nf{f^f**"

[]mީ"®~IŒõ[]nf{f^f",ðfNfŠfbfN,·,é,Æ[]A ‰æ'œ,ðŽæ,è[]ž,Þ,Æ,«,Ì~IŒõ[]ó'Ô,ðŽ©"®"I,É'2[]®,μ,Ü,·[]i[]mfCf[][[fW[]§Œä[]nf\_fCfAf[]fOf{fbfN fX,Ì[]mfnfCf‰fCfg[]n,¨,æ,Ñ[]mfVfffhfE[]n,ªŽ©"®"I,É[]Ý'è,³,ê,Ü,·[]j[]B

#### $]mŽC" @ "Í^Í'I'ð]nf{f^f"$

#### **□mŠÂ**<«**□Ý'è□nf{f^f**"

 $\label{eq:msacesselectric} $$ $ msacesselectric the selectric transformation of tran$ 

$$\label{eq:linear_strain} \begin{split} & [mfRf"fpfŠf\f"fTf"fvf<,l]"[n] \\ & [mfCf]][fW]\selve{Ea}[n]A[m"Z"x \bullet \alpha]^a]n[A[mf]f] \\ & & [['^2] @ [nf_fCfAf]]fOf{fbfNfX,\alpha]m"a\stress{5}r]nf{f^f",\stress{5}fbfN,\mu,\columnwidth{\mathcal{2}},\end{alpha},\stress{6}e,\stre$$

[]mfTf"fvf<ŠÔ,̕ϗÊ[]n []mfCf[][][fW[]§Œä[]n[]A[]m"Z"x•â[]<sup>3</sup>]]n[]A[]mfJf ‰[['2]]®[]nf\_fCfAf[]fOf{fbfNfX,Å[]m"äŠr[]nf{f^f",ðfNfŠfbfN,μ,½,Æ,«,Ì[]AfvfŒfrf... [[fEfBf"fhfE,ɕ\ަ,<sup>3</sup>,ê,é"äŠr‰æ'œ,̕ϗÊ[]i"äŠr•\ަ,Ì"x[]‡,¢[]j,ð'I'ð,μ,Ü,·[]B[]m'½,¢[]n[]A[]m'½]-[]n[]A,Ü,½,Í[]m[],È,¢[]n,Ì,¢,\_,ê,©,ð'I'ð,Å,«,Ü,·[]B

 $\label{eq:linear_line$ 

$$\begin{split} & [mfvf \ensuremath{\mathbb{C}}fm][fCf] \ensuremath{\mathbb{C}}fm][fW] A \ensuremath{\tilde{S}}e[] Y' \ensuremath{\hat{e}}, \delta \ensuremath{\hat{O}}, \delta \en$$

## □mŽæ,è□ž,Ý□nf{f^f"

ŠÈ^Õ[JÝ'èf,[[[fh,ÌTWAIN,Ì[]ê[]‡[]A[]mŒ´[]e[]n[]A[]mfCf][][[fWf^fCfv[]n[]A,¨,æ,Ñ[]m[]o— Í<@Ší[]n,Ì,R[]Ý'è,ð'l'ð,·,ê,Î[]A[]mŽæ,è[]ž,Ý[]nf{f^f",ÅŽ©"®"I,ÉŽæ,è[]ž,Ý'€[]ì,ð[]s,È,¤,± ,Æ,ª,Å,«,Ü,·[]B[]mŽæ,è[]ž,Ý[]nf{f^f",ðfNfŠfbfN,·,é,Æ[]AfXfLfffi,ÍŽæ,è[]ž,Þ ‰æ'œ,Ì^Ê'uŒ^,ß,ƘI[]o'2]®,ðŽ©"®"I,É[]s,È,¢[]AŽæ,è[]ž,Ý"®[]ì,ðŠJŽn,µ,Ü,·[]B

,é[]ê[]‡,Í[]A[]mŽæ,è[]ž,Ý[]nf{f^f",ðfNfŠfbfN,·,é,Æ'l'ð,μ,½"Í^Í,̉æ'œ,¾,⁻,ðŽæ,è[]ž,Ý,Ü,·[]B ‰æ'œ,ÌfvfŒfrf...[[,Å,Í[]A[]Ý'è,ÌŒø‰Ê,ðŠm,©,ß,é,±,Æ,ª,Å,«,Ü,·[]B

#### 

[]mŽæ,è[]ž,Ý[]nf{f^f",ðŽg,Á,ĉæ'œ,ðŽÀ[]Û,ÉŽæ,è[]ž,Þ'O,É[]A ‰æ'œ,Ì[]ó'Ô,ð'O,à,Á,ÄŠm"F,∙,é,±,Æ,ª,Å,«,Ü,∙[]B[]mfvfŒfrf...[][]n,Ü,½,Í[]mfY[][f€fvfŒfrf... [][]nf{f^f",ðfNfŠfbfN,µ,ÄŽæ,è[]ž,Þ‰æ'œ,Ì″Í^Í,â[]ó'Ô,ðŠm"F,µ,Ä,,¾,³,¢[]BŽæ,è[]ž,Þ ‰æ'œ,Ì•[],â[],,³]]A,Ü,½[]A•Û'¶,∙,鉿'œ,Ìftf@fCf‹fTfCfY,àŠm"F,Å,«,Ü,∙[]B

$$\begin{split} & [mfY][f \in fvf \oplus frf...][]n \\ & [mfY][f \in fvf \oplus frf...][]nf \{f^f", \delta fNf \\ SfbfN, \cdot, \acute{e}, \pounds ]A & \& \acute{e}, \dot{e}, \delta fY][f \in fAfbfv, \mu, \\ Afvf \oplus frf...][]f \in fvf \\ & [f \in fBf"fhf \\ Bf & \& (e, \pm, \pounds, \overset{a}{a}, \overset{A}{A}, \ll, \overset{O}{U}, \cdot ]B \\ & \oplus (e, \pm, \pounds, \overset{a}{a}, \overset{A}{A}, \ll, \overset{O}{U}, \cdot ]B \\ & \oplus (e, \pm, \pounds, \overset{a}{a}, \overset{A}{A}, \ll, \overset{O}{U}, \cdot ]B \\ & \oplus (e, \pm, \pounds, \overset{a}{a}, \overset{A}{A}, \ldots, \overset{O}{U}, \overset{A}{U}, \overset{A}{U$$

# [ORGftfH][f}fbfg]

EPSON Scan! II,ÌfIfŠfWfif<[]iORG[]jftf@fCf<ftfH[][f}fbfg,Å,·[]B

#### □mTIFF5.0□n

•W□€Tagged Image File Formatfo□[fWf‡f"5.0,Å,·□Bf,fmfNf□‰æ'œ,ðG3^³□k,µ,Ä□o—ĺ,Å,«,Ü,·□B

#### []mEPS[]n

Encapsulated PostScriptftf@fCf<ftfH[[f}fbfg,Å,·[]B

#### **□mDIB□**n

 $\label{eq:windowsfo} \label{eq:windowsfo} Windowsfo} Windowsfo} \label{eq:windowsfo} Windowsfo} \label{eq:windowsfo} Windowsfo} \label{eq:windowsfo} Windowsfo} \label{eq:windowsfo} \label{eq:windowsfo} Windowsfo} \label{eq:windowsfo} Windowsfo} \label{eq:windowsfo} Windowsfo} \label{eq:windowsfo} Windowsfo} \label{eq:windowsfo} Windowsfo} \label{eq:windowsfo} \label{eq:windowsfo} Windowsfo} Windowsfo} Windowsfo} \label{eq:windowsfo} Windowsfo} Windowsfo} \label{eq:windowsfo} Windowsfo} \label{eq:windowsfo} Windowsfo} \label{eq:windowsfo} Windowsfo} Windowsfo} \label{eq:windowsfo} Windowsfo} Windowsfo} Windowsfo} Windowsfo} Windowsfo} Windowsfo} \label{eq:windowsfo} Windowsfo} Window$ 

#### **]**mPCX[]n

PC Paintbrushftf@fCf<ftfH[[f}fbfg,Å,·[]B

#### □mTIFF6.0(JPEG)□n

JPEG^³□k,µ,½□ATagged Image File Formatfo□[fWf‡f"6.0,Å,·□B

#### □mJPEG□n

ff[][f^^3]k—pJoint Photographic Experts GroupftfH[][f}fbfg,Å,·[]B

## **]**m^³]k**]**n

ftf@fCf<,ð^³[]k,µ,Ä[]Aftf@fCf<fTfCfY,ð[]¬,³,,Å,«,Ü,·[]B

# ]m∙iŽ;]n

JPEG,ð'l'ð,μ,½□ê□‡,ĺ□A‰æ'œ,Ì∙iŽ¿fŒfxf<,ð'²□®,Å,«,Ü,·□B

# **□mfJf‰**□[ŽÊ□^□n

•\Œ»[]F[]mftf‹fJf‰[[[]n[]A•iŽ¿[]m[],•i^Ê[]n[]AfJf‰[][Žæ,è[]ž,Ý[]m[]ü[]‡ŽŸfJf ‰[][Žæ,è[]ž,Ý[]n,Ì[]Ý'è,Å,·[]B

## **]**m256]]FfJf‰[[]n

•\Œ»[]F[]m256[]FfJf‰[[[]n[]A•iŽ¿[]m[],•i^Ê[]n,Ì[]Ý'è,Å,·[]B

## ]mfJf‰][fn][ftfg][f"]n

•\Œ»[]F[]m,W[]FʃJf‰[[[]n[]A'†ŠÔ'²[]m[]d'²[]n[]A•iŽ¿[]mfhf‰ftfg[]n,Ì[]Ý'è,Å,·[]B

## **□mfJf‰**□[f`ff□[fg□n

•\Œ»[]F[]m,W[]FʃJf‰[[[]n[]A'†ŠÔ'²[]m–³,µ[]n[]A•iŽ¿[]mfhf‰ftfg[]n,Ì[]Ý'è,Å,·[]B

# **□m"'□•ŽÊ□**^**□**n

•\Œ»[]F[]m256ŠK′²fOfŒ[[[]n[]A•iŽ¿[]m[],•i^Ê[]n,Ì[]Ý'è,Å,·[]B
### ]m"']•fn[[ftfg][f"]n

•\@»[F[mf,fmfNf[]n[A'†ŠÔ'2]m[d'2]n[A•iŽ¿[]mfhf‰ftfg[]n,Ì[]Ý'è,Å,·[]B

#### **]m**]ü‰æ]n

•\Œ»[]F[]mf,fmfNf[][]n[]A'†ŠÔ'²[]m–³,µ[]n[]A•iŽ¿[]mfhf‰ftfg[]n,Ì[]Ý'è,Å,·[]B

#### **□mOCR□**n

TET,ðfTf|□[fg,μ,Ä,¢,éfXfLfffi,Ì□ê□‡□F •\Œ»□F□mf,fmfNf□□n□A÷½Ä´ÝÊݽÒÝÄøÉÛ¼Þ□m—LŒø□n,Ì□Ý'è,Å,·□B

TET,ðfTf|□[fg,μ,Ä,¢,È,¢fXfLfffi,Ì□ê□‡□F •\Œ»□F□mf,fmfNf□□n□A'†ŠÔ'2□m-³,μ□n□A•iŽ¿□mfhf‰ftfg□n,Ì□Ý'è,Å,·□B

#### **□mftf<fJf‰**□[**□**n

16,777,216[]F,'næ'œ,ðŽæ,è[]ž,Þ,½,ß,Ì[]m•\Œ»[]F[]n[]Ý'è,Å,·[]B

#### []m256[]FfJf‰[[[]n

256∏F,'næ'œ,ðŽæ,è∏ž,Þ,½,ß,Ì∏m∙\Œ»∏F∏n∏Ý'è,Å,·

### **□m,W□FfJf‰□[□**n

,W□F,'næ'œ,ðŽæ,è□ž,Þ,½,ß,Ì□m∙\Œ»□F□n□Ý'è,Å,·□B

## □m256ŠK'²fOfŒ□[□n

256ŠK′²fOfŒ[[,'næ'œ,ðŽæ,è[]ž,Þ,½,ß,Ì[]m•\Œ»[]F[]n[]Ý'è,Å,·[]B

# ]m16ŠK'²fOfŒ[[]n

16ŠK'²fOfŒ[[,'næ'œ,ðŽæ,è[]ž,Þ,½,ß,Ì[]m•\Œ»[]F[]n[]Ý'è,Å,·[]B

## **□mf,fmfNf□□**n

"'[]•,'næ'œ,ðŽæ,è[]ž,Þ,½,ß,Ì[]m•\Œ»[]F[]n[]Ý'è,Å,·[]B

#### **]m−³,µ**]n

'†ŠÔ'²□^—□,È,µ,Ì□Ý'è,Å,·□B

## □m'†ŠÔ'²A□i□d'²□j□n

[]d′²,'næ'œ,ðŽæ,è[]ž,Þ,½,β,Ì[]m′†ŠÔ′²[]n[]Ý'è,Å,·[]B

## □m'†ŠÔ'²B□i"î'²□j□n

"î'²,'næ'œ,ðŽæ,è□ž,Þ,½,ß,Ì□m'†ŠÔ'²□n□Ý'è,Å,·□B

## □m'†ŠÔ'²C□i-Ô"\_□j□n

-Ô"\_,ðŽg,Á,ĉæ'œ,ðŽæ,è□ž,Þ,½,ß,Ì□m'†ŠÔ'2□n□Ý'è,Å,·□B

#### **]mfffBfUA**]ifxfCf,,][]j]n

,S□~,SfxfCf,,□[fffBfUfpf^□[f",ðŽg,Á,ĉæ'œ,ðŽæ,è□ž,Þ,½,ß,Ì□m'†ŠÔ'²□n□Ý'è,Å,·□B

## □mfffBfUB□i‰QŠª□j□n

,S□~,S‰QŠªfffBfUfpf^□[f",ðŽg,Á,ĉæ'œ,ðŽæ,è□ž,Þ,½,ß,Ì□m'†ŠÔ'2□n□Ý'è,Å,·□B

# □mfffBfUC□i4x4-Ô"\_□j□n

,S□~,S-Ô"\_fffBfUfpf^□[f",ðŽg,Á,ĉæ'œ,ðŽæ,è□ž,Þ,½,ß,Ì□m'†ŠÔ'2□n□Ý'è,Å,·□B

## □mfffBfUD□i8x4-Ô"\_□j□n

,W□~,S-Ô"\_fffBfUfpf^□[f",ðŽg,Á,ĉæ'œ,ðŽæ,è□ž,Þ,½,ß,Ì□m'†ŠÔ'2□n□Ý'è,Å,·□B

#### []m-³,μ[]n

## []m[]Ô[]n

 $[] \hat{O} [] F, \delta \check{Z} &, \dot{e} [] \check{z}, \ddot{U}, \dot{E}, \dot{c}, \overset{1}{2}, \beta, \dot{l} ] mfhf [] fbfvfAfEfg [] n [] \acute{Y} \dot{e}, \dot{A}, \cdot ] B$ 

# **]m—Î**]n

—Î□F,ðŽæ,è□ž,Ü,È,¢,½,ß,Ì□mfhf□fbfvfAfEfg□n□Ý'è,Å,·□B

## []m[]Â[]n

□Â□F,ðŽæ,è□ž,Ü,È,¢,½,ß,Ì□mfhf□fbfvfAfEfg□n□Ý'è,Å,·□B

## **□mfhf‰ftfg□**n

fhf‰ftfgf,[][fh,'næ'œ,ðŽæ,è[]ž,Þ,½,ß,Ì[]m•iŽ¿[]n[]Ý'è,Å,·[]B

## □m□,•i^Ê□n

<code>□,•i^Êf,□[fh,'næ'œ,ðŽæ,è□ž,Þ,½,ß,Ì□m•iŽ¿□n□Ý'è,Å,·□B</code>

# □m□ü□‡ŽŸ□n

‰æ'œ,ð,P‰ñ,Ì'–□, ,ÅŽæ,è□ž,Þ,½,ß,Ì□mƒJf‰□[Žæ,è□ž,Ý□n□Ý'è,Å,·□B

## □m-Ê□‡ŽΫ□n

 $\label{eq:constraint} \ensuremath{ \baselinewidth} \ensuremath{ \baselinewidth} \baselinewidth baselinewidth \baselinewidth\baselinewidth \$ 

#### **]**m'Ê[]í[]Ý'è[]n

‰ð'œ"x300 dpi□i□ü‰æ,¨,æ,Ñ'†ŠÔ'²‰æ'œŽæ,è□ž,ÝŽž□j□A72 dpi□iŽÊ□^Žæ,è□ž,ÝŽž□j□A,¨,æ,Ñ'Ê□ífLfffŠfufŒ□[fVf‡f",Ì□Ý'è,Å,·□B

## □mfXfNfŠ□[f"□n

‰ð'œ"x72 dpi[]i[]ü‰æ,¨,æ,Ñ'†ŠÔ'²‰æ'œŽæ,è[]ž,ÝŽž[]j[]A72 dpi[]iŽÊ[]^Žæ,è[]ž,ÝŽž[]j[]A,¨,æ,ÑfffBfXfvfŒfC—pfLfffŠfufŒ[[fVf‡f",Ì[]Ý'è,Å,·[]B

# ]]mfCf"fpfNfgfhfbfgfvfŠf"f^]]n

‰ð'œ"x360 dpi[]i[]ü‰æ,¨,æ,Ñ'†ŠÔ'²‰æ'œŽæ,è[]ž,ÝŽž[]j[]A120 dpi[]iŽÊ[]^Žæ,è[]ž,ÝŽž[]j[]A,¨,æ,ÑfCf"fpfNfgfhfbfgfvfŠf"f^—pfLfffŠfufŒ[[fVf‡f",Ì[]Ý'è,Å,·[]B

#### □m"M"]ŽÊfvfŠf"f^□n

‰ð'œ"x360 dpi□i□ü‰æ,¨,æ,Ñ'†ŠÔ'²‰æ'œŽæ,è□ž,ÝŽž□j□A120 dpi□iŽÊ□^Žæ,è□ž,ÝŽž□j□A,¨,æ,Ñ"M"]ŽÊfvfŠf"f^—pfLfffŠfufŒ□[fVf‡f",Ì□Ý'è,Å,·□B

### **]mfCf"fNfWfFfbfgfvfŠf"f^]n**

‰ð'œ"x360 dpi□i□ü‰æ,¨,æ,Ñ'†ŠÔ'²‰æ'œŽæ,è□ž,ÝŽž□j□A120 dpi□iŽÊ□^Žæ,è□ž,ÝŽž□j□A,¨,æ,ÑfCf"fNfWfFfbfgfvfŠf"f^—pfLfffŠfufŒ□[fVf‡f",Ì□Ý'è,Å,·□B

### ]mfŒ][fU][fvfŠf"f^]n

‰ð'œ"x300 dpi[]i[]ü‰æ,¨,æ,Ñ'†ŠÔ'²‰æ'œŽæ,è[]ž,ÝŽž[]j[]A100 dpi[]iŽÊ[]^Žæ,è[]ž,ÝŽž[]j[]A,¨,æ,ÑfŒ[[[fU[][fvfŠf"f^—pfLfffŠfufŒ[[fVf‡f",Ì[]Ý'è,Å,·[]B

#### □m,e,`,w□n

‰ð'œ"x300 dpi□i□ü‰æ,¨,æ,Ñ'†ŠÔ'²‰æ'œŽæ,è□ž,ÝŽž□j□A300 dpi□iŽÊ□^Žæ,è□ž,ÝŽž□j□A,¨,æ,ÑfCf"fNfWfFfbfgfvfŠf"f^—pfLfffŠfufŒ□[fVf‡f",Ì□Ý'è,Å,·□B

#### **□m,n,b,q□**n

‰ð'œ"x400 dpi□i□ü‰æ,¨,æ,Ñ'†ŠÔ'²‰æ'œŽæ,è□ž,ÝŽž□j□A400 dpi□iŽÊ□^Žæ,è□ž,ÝŽž□j□A,¨,æ,Ñ^ê"Ê□Ý'è—pfLfffŠfufŒ□[fVf‡f",Ì□Ý'è,Å,·□B

#### ]mfŒ][fU][600dpi]n

‰ð'œ"x600 dpi[]i[]ü‰æ,¨,æ,Ñ'†ŠÔ'²‰æ'œŽæ,è[]ž,ÝŽž[]j[]A200 dpi[]iŽÊ[]^Žæ,è[]ž,ÝŽž[]j[]A,¨,æ,ÑfŒ[][fU[][fvfŠf"f^—pfLfffŠfufŒ[[fVf‡f",Ì[]Ý'è,Å,·[]B

## □mEPSON MJfJf‰□[fvfŠf"f^fVfŠ□[fY□n

‰ð'œ"x800 dpi[]i[]ü‰æ,¨,æ,Ñ'†ŠÔ'²‰æ'œŽæ,è[]ž,ÝŽž[]j[]A240 dpi[]iŽÊ[]^Žæ,è[]ž,ÝŽž[]j[]A,¨,æ,ÑŠeMJʃJʃ‰[[ʃvʃŠʃ"ʃ^—pʃLʃʃʃŠʃuʃŒ[[ʃVʃ‡ʃ",Ì[]Ý'è,Å,·[]B

## □mfLfffŠfufŒ□[fVf‡f""Á□«ftf@fCf<□n

‰ð'œ"x180 dpi□i□ü‰æ,¨,æ,Ñ'†ŠÔ'²‰æ'œŽæ,è□ž,ÝŽž□j□A180 dpi□iŽÊ□^Žæ,è□ž,ÝŽž□j□A,¨,æ,Ñ^ê"Ê□Ý'èfLfffŠfufŒ□[fVf‡f",Ì□Ý'è,Å,·□B
#### []m[]ü‰æ[]^'†ŠÔ'²[]n

[]ü‰æ,¨,æ,Ñ'†ŠÔ'²‰æ'œ,ðŽæ,è[]ž,Þ,½,ß,É[]Ý'è,∙,é‰ð'œ"x,Å,·[]B∙\ Œ»[]F,Ì[]Ý'è,ª[]mf,fmfNf[[]]n,Ü,½,Í[]m8[]FfJf‰[][]n,ÌŽž,É—LŒø,Å,·[]B

## □mŽÊ**□^**□n

#### **]**m∙]]]n

Žæ,è□ž,Þ‰æ'œ,Ì•□,ð□A'l'ð,µ,½□j-@'P^Ê,Å•\ަ,µ,Ü,·□B

#### []**m**[],,³[]n

 $\check{Z} \varnothing, \grave{e} \Box \check{z}, \flat \% \And `` \varpi` \check{a} \Box ], , ^{3}, \eth \Box A'I' \eth, \mu, \frac{1}{2} \Box_{I} - @'P^{\hat{E}}, \mathring{A} \bullet \backslash \check{Z} \}, \mu, Ü, \cdot \Box B$ 

#### []**mfCf"f`[]n** fvfŒfrf…[][fEfBf"fhfE,̉æ'œ,Ì'I'ð"Í^Í,ðfCf"f`'P^Ê,Å∙\ަ,μ,Ü,·[]B

## **□mfZf"f`f**□**□[fgf**<**□**n

fvfŒfrf…□[fEfBf"fhfE,̉æ'œ,Ì'l'ð"Í^ĺ,ðfZf"f`f□□[fgf‹'P^Ê,Å•\ަ,μ,Ü,·□B

#### **□mfsfNfZf**<**□**n

fvfŒfrf…□[fEfBf"fhfE,̉æ'œ,Ì'I'ð"Í^Í,ðfsfNfZf<'P^Ê,Å∙\ަ,μ,Ü,·□B

fvfŒfrf…□[fEfBf"fhfE,É,R,Ü,½,Í,TŽí—Þ,̉æ'œfTf"fvf<,ª•\ަ,³,ê□m-¾"x□n□Ý'è,ð"äŠr,∙,é,± ,Æ,ª,Å,«,Ü,·□B

fvfŒfrf...[][fEfBf"fhfE,É,R,Ü,½,ĺ,TŽí—Þ,̉æ'œfTf"fvf<,ª•\ަ,³,ê[]mfRf"fgf ‰fXfg[]n[]Ý'è,ð"äŠr,·,é,±,Æ,ª,Å,«,Ü,·[]B

fvfŒfrf...[[fEfBf"fhfE,É,R,Ü,½,Í,TŽí—Þ,̉æ'œfTf"fvf<,ª•\ަ,³,ê[]mfnfCf ‰fCfg[]n[]Ý'è,ð"äŠr,∙,é,±,Æ,ª,Å,«,Ü,·[]B

fvfŒfrf...[[fEfBf"fhfE,É,R,Ü,½,Í,TŽí—Þ,̉æ'œfTf"fvf<,ª•\ަ,³,ê[]mfVfffhfE[]n[]Ý'è,ð"äŠr,·,é,± ,Æ,ª,Å,«,Ü,·[]B

fvfŒfrf...[[fEfBf"fhfE,É,R,Ü,½,ĺ,TŽí—Þ,̉æ'œfTf"fvf‹,ª•\ަ,³,ê[]m—ÖŠs‹'2[]n[]Ý'è,ð"äŠr,·,é,± ,Æ,ª,Å,«,Ü,·[]B

fvfŒfrf...[[fEfBf"fhfE,É,R,Ü,½,Í,TŽí—Þ,̉æ'œfTf"fvf<,ª•\ަ,³,ê[]m,µ,«,¢'l[]n[]Ý'è,ð"äŠr,·,é,± ,Æ,ª,Å,«,Ü,·[]B

fvfŒfrf…□[fEfBf"fhfE,É,R,Ü,½,ĺ,TŽí—Þ,̉æ'œfTf"fvf<,ª•\ަ,³,ê□m"Z"x•â□³□n□Ý'è,ð"äŠr,∙,é,± ,Æ,ª,Å,«,Ü,·□B

fvfŒfrf...[][fEfBf"fhfE,É,R,Ü,½,ĺ,TŽí—Þ,̉æ'œfTf"fvf‹,ª•\ަ,³,ê[]mfOfŒ[][fof ‰f"fX[]n[]Ý'è,ð"äŠr,·,é,±,Æ,ª,Å,«,Ü,·[]B

fvfŒfrf…□[fEfBf"fhfE,É,R,Ü,½,ĺ,TŽí—Þ,̉æ'œfTf"fvf<,ª•\ަ,³,ê□m□Ê"x□n□Ý'è,ð"äŠr,∙,é,± ,Æ,ª,Å,«,Ü,·□B

fvfŒfrf...[[fEfBf"fhfE,É,R,Ü,½,ĺ,TŽí—Þ,̉æ'œfTf"fvf‹,ª•\ަ,³,ê[[mf]f ‰[[ftfBf‹f^[[[n[]Ý'è,ð"äŠr,·,é,±,Æ,ª,Å,«,Ü,·[]B

#### 

,»,ê,¼,ê□A□Ô□iRed□j□A—Î□iGreen□j□A□Â□iBlue□j□A ‰©□iYellow□j□Af}f[f"f^□iMagenta□j□AfVfAf"□iCyan□j,ÌŠe□F,ðަ,μ,Ü,·□B

#### **EPSON TWAIN**

EPSON

$$\label{eq:twain_field} \begin{split} \mathsf{TWAIN},& \acute{E}, \acute{E}$$

#### ŠÈ^Õ[]Ý'èf,[][fh[]F

ŠĚ^Ố[]Ý'èf,[][fh,Å,ĺ[]A[]m‹<ކ[]n[]A[]mfCf[][][fWf^fCfv[]n[]A[]m[]o—ĺ‹@Ší[]n,ðf[]fjf... [][,©,ç'l'ð,μ,Ä[]A[]mŽæ,è[]ž,Ý[]nf{f^f",ðfNfŠfbfN,·,é,¾,¯,ÅŠÈ'P,ɉæ'œ,ðŽæ,è[]ž,Þ,± ,Æ,ª,Å,«,Ü,·[]B

#### □Ú□×□Ý'èf,□[fh□F

\_\_\_Ú\_\_Ŷ\_ŪŶ'èƒ,□[fh,Å,Í□ATWAIN,Ì,·,×,Ä,Ì‹@"\,ª□Ý'è,Å,«□AfvfŒfrf…□[,μ,½‰æ'œ,Å,»,ÌŒø ‰Ê,ðŠm"F,μ,È,ª,ς□Ý'è,ðŒ^,ß,ç,ê,Ü,·□B