



***fwf<fv-ÚŽŸ***

*^È%°,ìfwf<fv□€-Ú,<sup>a</sup>,è,Ü,::*

*[ffftfHf<fg] f{f^f“*

*fOf%°ftfBfbfNfXf,□[fh*

*fOf%°ftfBfbfNfX•iŽ<sub>i</sub>*

*fn□[ftfg□[fj“fO*

*TrueType ,đfOf%°ftfBfbfNfX,Æ,μ,Ä^ó□ü*

*fGfRfmf,□[fh*

*RET□ifŠf]fŠf...□[fvf‡f“ fGf“fnf“fXf□f“fg fefNfmf□fW□[□j*

*^ó□ü”Z“x*

*fwf<fv,ìŽg,ϕ•û□đ^ø,đ•Ž!,:,é,É,Í□C[F1]fL□[,đ%°Ÿ,μ,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ϕ□D*

**[ffftfHf<fg] f{f^f“**

ffftfHf<fgf{f^f“,Í□A,;×,Ä,̀f|fvfVf‡f“f\_fCfAf□fO,Å,̀□Ý'e'l,ðffftfHf  
<fg,̀l',É-ß,·□ê□‡,É'l'ð,μ,Û,·□B

^óü”Z“x

^óü”Z“x,Á,ÍA^óü,;,é,Æ,«,ì”Z,<sup>3</sup>,đŽw’è,μ,Û,·B^óüfCf□□[fW,đ”Z,-  
;,éê□‡,É,Í”Žš,đ’â,«,A”–,;,éê□‡,É,Í”Žš,đ□¬,<sup>3</sup>,μ,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ç□B

'^Ó□F

^óü”Z“x,đ•İ□X,μ,½□ê□‡□A“~Žž,É RET  
,ìÝ’è,à•İ□X,μ,½•û,<sup>a</sup>,æ,ç□ê□‡,<sup>a</sup>, ,è,Û,·B^óü”Z“x,ì•İ□X,Í□A  
RET ,ÆŠÖœW,<sup>a</sup>, ,è,Û,·□B

ŠÖ~A,;éfgfsfbfN□F

RET□ifŠf]fŠf...□[fVf‡f“ fGf“fnf“fXf□f“fg  
fefNfmf□fW□[□j

**fGfRfmf, □[fh**

^ó□ü,ÉŽg—p,·,éfgfi□[,l—Ê,đ□,È,,μ,½,ϕŽž□A,±,lfvfVf‡f“,đ,²—~—p,-  
,¾,³,ϕ□B

fGfRfmf, □[fh,Á,í□Afy□[fW,ì^ó□ü,É, ,½,è□Á”í,³,ê,éfgfi□[,l—  
Ê,đ,T,O□“^È□ã□B—  
ñ,μ,Ü,·□B,»,ì,½,β□AfGfRfmf, □[fh,đfif“,É,μ,Ä^ó□ü,³,ê,½fy□[fW,í□A,±  
,ê,đfift,Æ,μ,Ä^ó□ü,³,ê,½,à,ì,É”äŠr,μ,Ä”—,È,è,Ü,·□B,±,ì<@”\  
,í□Afgfi□[fJ□[fgfŠfbfW,ìŽđ—½,đ,đ%o,,,î,·,½,β,Éfhf  
%o<sub>o</sub>ftfgf, □[fh,Á,ì^ó□ü,Æ,μ,ÄŽg—p,³,ê,Ü,·□B

**'□^Ó□F**

**,±,lfGfRfmf, □[fh,ì□Ý'è,í□AfvfŠf“f^,ì^ó□ü—“x,É,í  
%oe<ç,μ,Ü,¹,ñ□B**

fGfRfmf, □[fh,ì□Ý'è,Á□hfvfŠf“f^ ffftHf<fg□h,đ'l'đ,μ,Ä,ϕ  
,é□ê□‡,í□AfvfŠf“f^,lfRf“fgf□□[f<fpfif<,ÄfGfRfmf, □[fh,É□Ý'è,³,ê,  
Ä,ϕ,é□Ý'è,Žg—p,³,ê,Ü,·□B

**fOf%oftfBfbfNfXf,□[fh**

fOf%oftfBfbfNfXf,□[fh,ì□Ý'è,Í□Af}fCfNf□f\ftfg  
fEfBf“fhfEfY,Éî,μ,ÄfOf%oftfBfbfNfX,ì□î•ñ,ð,Ç,ì,æ,α  
,ÈË'Ô,ÅfvfŠf“f^,É'—,é,ì,©,ð“ ,ì,Ü,·□B,; ,x,Ä,ìfOf%oftfBfbfNfX,Íf  
%ofXf^fCf□□[fW,Æ,μ,Ä^ó□ü%oÄ”\,Ä,·□B,μ,©,μ□A,ç,,Ä,©,ìSô  
%o½Šw“IOE` □ó□Afpf^□[f“,Í□AHP-GL/2 ,ðŽg—p,μ,Ä,ìfOf  
%oftfBfbfNfX,Æ,μ,Ä^ó□ü,μ,½,Ü,α,ª□A,æ,è□,¬,É^ó□ü%oÄ”\,Æ,È,è,Ü,·□B

fOf%oftfBfbfNfXf,□[fh,ð'ï□X,; ,é□ê□‡,Í□AZÿ,ìfìfvfVf‡f“,ì,α,ç,ì,ç  
,,ê,©,ðfOf%oftfBfbfNfXf,□[fhf{fbfNfX,Ä'l'ð,μ,Ä,,¾,¾,ç□B

**f%ofXf^□F**

f%ofXf^,ð'l'ð,μ,½□ê□‡□Af}fCfNf□f\ftfg fEfBf“fhfEfY,Í,; ,x,Ä,ìfOf  
%oftfBfbfNfX,ðf%ofXf^fCf□□[fW,Æ,μ,Äff□[f^,ðfvfŠf“f^,É'—  
□o,μ,Ü,·□B

**HP-GL/2□F**

HP-GL/2 ,ð'l'ð,μ,½□ê□‡□Af}fCfNf□f\ftfg fEfBf“fhfEfY,ÍfOf  
%oftfBfbfNfX,ð HP-GL/2 ,Æf  
%ofXf^fCf□□[fW,ì□¬□Ý,; ,éfcf□□[fW,Æ,μ,Äff□[f^,ðfvfŠf“f^,É'—  
□o,μ,Ü,·□B

**'□^Ó□F**

HP-GL/2 f,□[fh,ð□Ý'è,μ,Ä,ç,é□ê□‡□A,; ,x,Ä,ìfOf  
%oftfBfbfNfCf□□[fW,ª^ó□ü%oÄ”\,Æ,ç,α,í, ,Ä,Í, ,è,Ü,¹,ñ□BH  
P-GL/2 f,□[fh,ð,“Žg,ç,ì□ê□‡,Ä^ó□ü,¾,ê,½fOf  
%oftfBfbfNfXfCf□□[fW,ªfXfNfŠ□[f“□ä,ì,à,ì,Æ^è'v,μ,Ä,ç  
,È,ç□ê□‡□A,à,μ,ì □h,Q,PfvfSf“fgfì□[fof%of“fGf  
%o□[□h,ª” □¶,; ,é□ê□‡□Af  
%ofXf^f,□[fh,ð'l'ð,μ,à,α^è“x^ó□ü,μ,Ä,Ý,Ä,,¾,¾,ç□B

**fOf%ftfBfbfNfX*•iž*ç**

fOf%ftfBfbfNfX*•iž*ç{fbfNfX,Í□Af%*fXf*^ fOf  
%ftfBfbfNfXfCf□□[fW,Ì%*đ*‘œ“x,đ•Í□X,μ,½,ç□ê□‡,ÉŽg—p,μ,Ü,·□B

'□^Ó□F

fOf%ftfBfbfNfX*•iž*ç,Ì□Y'è,Í□Af%*fXf*^ fOf  
%ftfBfbfNfXfCf□□[fW,É,Â,ç,Ä,Ì,Y—  
LŒø,Â,·□BfefL*fXfg*,É'Í,μ,Ä,Í□A%*œ*ç, ,è,Ü,¹,ñ□BfefL*fXfg*,  
É,Â,ç,Ä,Ì%*đ*‘œ“x,Ì•Í□X,É,Â,ç,Ä,Í□A□Y'èf\_fCfAf□fO,Ì  
%*đ*‘œ“x{fbfNfX,đŽg—p,μ,Ä,,¾,¾,ç□B

fOf%ftfBfbfNfX*•iž*ç,Í□A,R,Â,Ì*•iž*ç,Ì,α,ç,“l,Ñ,ç  
,½,¾,¯,Ü,·□B□h□,•ižç□h,Í□A,²Žg—p,ÌfvfŠf“*f*^,ÌŽ□,Â□Å□,,Ì  
%*đ*‘œ“x,Â^ó□ü,·,é□ê□‡,ÉŽw'è,μ,Ü,·□B□h□•'É□h,Í□A□Å□,%*đ*‘œ“x,Ì”¼•<sup>a</sup>  
,Ì%*đ*‘œ“x,Â□A□hfhf%ftfg□h,Í,P□^,Š,Ì%*đ*‘œ“x,Â^ó□ü,μ,Ü,·□B  
—á,Í,Í□AfvfŠf“*f*^%*đ*‘œ“x,đ 600 dpi ,É□Y'è,μ,Ä,ç  
,é□ê□‡,Ä,Í□A□h□,•ižç□h,đ'l'đ,μ,Ä,ç,é□ê□‡,Í 600 dpi  
,Ä□A□h•□'É□h,đ'l'đ,μ,Ä,ç,é□ê□‡,É,Í 300 dpi ,Ä□A□hfhf  
%ftfg□h,đ'l'đ,μ,Ä,ç,é□ê□‡,É,Í 150 dpi ,Â^ó□ü,<sup>3</sup>ê,é,±,Æ,É,È,è,Ü,·□B

**fOf%ftfBfbfNfX*•iž*ç,Â,Ì'□^ÓŽ—□€□F**

fOf%ftfBfbfNfXf,□[fh,Â HP-GL/2 ,Ì□Y'è,đŽg—p,μ,Ä,ç  
,é□ê□‡□A,·,x,Ä,ÌfOf  
%ftfBfbfNfXfCf□□[fW,<sup>a</sup>fXfNfŠ□[f“,Æ,Ü,Á,½,“^è,ÌŒ` ,Â^ó  
□ü,<sup>3</sup>ê,é,Æ,ÍŒÀ,è,Ü,¹,ñ□B,» ,Ì—l,È□ê□‡,É,Í□AfOf  
%ftfBfbfNfXf,□[fh,Ì□Y'è,đ HP-GL/2 ,©,çf  
%*fXf*^,Ö•Í□X,μ,Ä^ó□ü,μ,Ä,,¾,¾,ç□B

**ŠÖ~A,·,éfgfsfbfN□F**

fOf%ftfBfbfNfX f,□[fh

**h,Q,O f f, fŠfi [fo [ftf [h fGf% [F**

•iŽč, ÈfOf%ftfBfbfNfX•iŽč, Å, Ì, Pfy [fW, ÌfOf  
%ftfBfbfNfXfCf [fW, Ìóü, Å, Í AfvfŠf“f^f f, fŠ, Ì’Ç  
%Á, a•K—v, É, È, é ê ð, a, è, Ü, · B, ±, Ì ê ð AfOf  
%ftfBfbfNfXfCf [fW, ðŠ®’S, É^óü, Å, «, É h, Q, O  
f f, fŠfi [fo [ftf [h, Æ, ç, αfGf% [a•Ž, ³, ê, Ü, · B

, ±, ÌfGf% [ð%ñ”ð, ·, é, É, Í A  
-fOf%ftfBfbfNfX•iŽč, Å, Ì Ý’è, ð’á, ç Ý’è, Æ, ·, é B  
-fOf%ftfBfbfNfXf, [fh, Å, Ì Ý’è, ð AHP-GL/2, Ì ê ð, É, Íf  
%fXf^, É Af%fXf^, Ì ê ð, É, Í HP-GL/2, É•İ X, μ, Ä, Ý, é B  
-fvfŠf“f^, Éf f, fŠ, ð’Ç%Á, ·, é B İ’Ç%Áf f, fŠ, É, Å, ç  
, Ä, Í A, g, o »i”Ì”, “X, Å, ½, ¾, ³, ç B j

**h,Q,P fv fŠf“ fg fi [fo [f%of“ h fGf% [F**

, ±, ÌfGf% [f fbfZ [fW, Í Af< [f< Af%fXf^ fOf  
%ftfBfbfNfX A, x fNf^ fOf  
%ftfBfbfNfX, È, Ç, ÌfvfŠf“f^, Ö’—  
o, ³, ê, ½ff [f^, a A•iŽG, ·, ½ ê ð, É” ¶, μ, Ü, · B

, ±, ÌfGf% [ð%ñ”ð, ·, é, É, Í A  
-f< [f< AfOf  
%ftfBfbfNfXfCf [fW, È, Ç, Ì”, ðœ, ç, μ A, »), Ìfy [fW, É, “, “, é  
•iŽG, ³, ðœ, ³, ¹, é B  
-fOf%ftfBfbfNfXf, [fhf{fbfNfX, Å, Ì Ý’è, ðf  
%fXf^, É, ·, é B



**fn [ftfg [fjf“fO**

fn [ftfg [f“ , í A^ó ü fCf [fW, É“K—p, ³, ê, é, , éŽí, ì f p f^ [f“ , ì, ±, Æ, ð, ç  
, Ü, : B , ì h f b f g, ì g, Ý , ‡, í, ¹, ì f p f^ [f“ , É, æ, Á, Ä A^ó ü, ³, ê, ½ f y [fW, É, “,  
ç, Ä—ì X, É’iŠK, ì f O f œ f C, ð \œ», µ, Ü, · B

^ó ü, : , é f O f  
%o ft f B f b f N f X f C f [fW, É’î, µ, Ä Ä“K, È fn [ftfg [fjf“fO, ì Y’è, ð s, µ  
, ½, ß, É, í A œ o œ ±, ° K—v, Ä, · B, » , ê, ¼, ê, ì Y’è, ð Ž g—  
p, µ, Ä^ó ü, ð Ž Ä s, µ A, » , ì, È, ©, ©, ç A“K, È, à, ì, ð’l’ð, µ, Ä, , ¾, ³, ç B

’ ^ Ó F

fn [ftfg fjf“fO, ì f l f v f V f ‡ f“ , ð Ž g—p, : , é, ½, ß, É, í A f O f  
%o ft f B f b f N f X · i Ž ç f { f b f N f X, Ä, ì Y’è, ð h , · i Ž ç h, É Y’è, µ,  
Ä, , ¾, ³, ç B

ŽQ ì, Ü, Ä, É A È % °, É, R, Ä, ì Y’è, ð “ , °, Ä, Ý, Ü, · B

**ŽÊ ^ fCf [fW F**

ŽÊ ^ , ì, æ, µ, É f X f € [fY, Ä ^, É” —  
, Ä, ½ f C f [fW, ð^ó ü, µ, ½, ç ê ‡, É A, ±, ì Y’è, ð Ž g—  
p, µ, Ü, · B ŽÊ ^ f C f [fW, í A ½—  
ì, É f O f œ f C, ì F’², É, í, ½, Ä, Ä f X f € [fY, È · ì  
%o » , ð ñ ç Y, µ, Ü, · B, Ü, ½ A, ±, ì Y’è, í A, à, Æ, à, Æ f J f  
%o [ , Ä f f U f C f “ , ³, ê, ½ f C f [fW, É’î, µ, Ä, à œ ø % É “ ì, Ä, · B 300  
dpi , ì % ð ‘œ “ x, Ä, í AHPJ5E f v f Š f “ f ^ f h f % f C f o, ì, ±  
, ì Y’è, ì ê ‡, W f s f N f Z f ç , ~ , W f s f N f Z f ç , ì — ì ^ æ, ð Ž g—  
p, µ, Ä, U, OŠK’², ì f O f œ f C, ð \œ», µ, Ü, · B 600 dpi , ì  
%o ð ‘œ “ x, Ä, í A, P, U f s f N f Z f ç , ~ , P, U f s f N f Z f ç , ì — ì ^ æ, ð Ž g—  
p, µ, Ä, P, Q, OŠK’², ì f O f œ f C, ð \œ», µ, Ü, · B

**f° fCf“fA [fg fCf [fW F**

'□^Ó□F

,±,ìlfvfVf‡f“,í□A□Ý'èf\_fCfAf□fO,É,“,ç,Ä  
%øð'œ“x,ð,U,O,O,,,,□i,É□Ý'è,μ,Ä,ç,é□ê□‡,É,íŽg—  
p,Ä,«,Ü,¹,ñ□Bf%øfCf“fA□[fgfCf□□[fW,ð'í'ð,μ,Ä,ç,é□ó'Ô,Ä  
%øð'œ“x,ð,R,O,O,,,,□,%ø,É•í□X,μ,½□ê□‡□A,±  
,ìlfvfVf‡f“,íŽ©“@“í,ÉŽÊ□^fCf□□[fW,ì□Ý'è,É•í□X,³,ê,Ü,·□  
B

fNfŠfbfvfA□[fgfOf%øftfBfbfNfX,ì,æ,α  
,É□A•jŽG,É□ü,â'@□x,È□x•”,ðŽ□,ÄfOf  
%øftfBfbfNfXfCf□□[fW,É'í,μ,Ä□A,±,ì□Ý'è,ðŽg—  
p,μ,Ü,·□BHPJ5E fvfŠf“f^fhf  
%øfCfo,í□A^ê,Ä,ìfOfœfC,ì□F'²,ðœ^è,·,é,½,β,É,R,Q,ì,WfsfNfZ  
f<,~WfsfNfZf<,ì—ì^æ,ðŽg—p,μ,Ü,·□B

**HP ScanJet fCf□□[fW□F**

,±,ì□Ý'è,í□AHP ScanJet ,ðŽg—p,μ,ÄŽæ,è□ž,Ü,ê,½fOf  
%øftfBfbfNfXfCf□□[fW,ð'ó□ü,·,é□ê□‡,ÉŽg—p,μ,Ü,·□B,±  
,ì□Ý'è,Ä,í□AHP ScanJet  
,ÄŽæ,è□ž,Ü,ê,½fCf□□[fW,ì'ó□ü,É“Á•Ê,È'N—  
¾,³,ðŽÀœ»,·,é,½,β,É□A“Á•Ê,Èf`f...□[fjf“fO,ªŽ{,³,ê,Ä,ç  
,Ü,·□BHPJ5E fvfŠf“f^fhf%øfCfo,í□AŽÊ□^fCf□□[fW,ÄŽg—  
p,³,ê,½•û—@,ÄfsfNfZf<,~fsfNfZf<,ì'á,«,³,ð•í  
%ø»,³,¹,È,ª,çfn□[ftfg□[fjf“fO,ð□s,ç,Ü,·□B,±,ì•û—  
@,Ä,í□A,R,O,O,,,,□,%ø,Ä,U,OŠK'²□A,U,O,O,,,,□,%ø  
,Ä,P,Q,OŠK'²,ìfOfœfCfXfP□[f<,ðŽÀœ»,μ,Ü,·□B

## TrueType ,đfOf%oftfBfbfNfX,Æ,μ,Ä^ó□ü

,±,ì|fvfVf‡f“,í□A TrueType fefLfxfg,đfOf  
%oftfBfbfNfX,Æ,μ,ÄfvfŠf“f^,É‘—□o,μ,½,ç□ê□‡,ÉŽg—p,μ,Ü,·□BfOf  
%oftfBfbfNfXfCf□□[fW,đfefLfxfg,ì□ã,É□o—  
í,μ□A,»,ìfefLfxfg•¶Žš,É,Â,ç,Ä,íOf  
%oftfBfbfNfCf□□[fW,Æ□d,È,ç,È,ç•”•<sup>a</sup>,ì,Ý,đ^ó□ü,<sup>3</sup>,1,½,ç□ê□‡,É—  
LŒø,Å,·□B

## '□^Ó□F

,±,ì|fvfVf‡f“,í□A fOf%oftfBfbfNfXf,□[fh,É,“,ç,Ä□hf  
%ofXf^□h,đ'l'đ,μ□A,©,ÄfOf  
%oftfBfbfNfX•iŽ¿f{fbfNfX,Å□h□,•iŽ¿□h,đ'l'đ,μ,Ä,ç  
,é,Æ,«,É,ì,Ý—LŒø,Å,·□B

RET □ifŠf]fŠf...□[fVf‡f“ fGf“fnf“fXf□f“fg fefNfmf□fW□[□j

RET □ifŠf]fŠf...□[fVf‡f“ fGf“fnf“fXf□f“fg  
fefNfmf□fW□[□j,í□A^ó□üfCf□□[fW,ì“Ê•”,â<È□ü•”•<sup>a</sup>,É□¶,¶,â.,çfMfU  
fMfU,ðfXf€□[fY,É,.,é,±,Æ,É,æ,Á,Ä□A•¶Žš,âfOf  
%o<sub>ftfBfbfNfX,í^ó□ü•iŽç,ð□,•iŽç%o</sub>»,.,é<Z□p,Å,·□B

RET ,ìœø%oÊ,í□AfZf<ftfefXfg,É,“,̄,é□o—í,ì RET ,Æ□‘,©,ê,Ä,ç,é□€—  
Ú,Åœ©,é,±,Æ,<sup>a</sup>Å,«,Ü,·□B’Ê□í□A,±,ì□€—Ú,Å□c,ì□ü,<sup>a</sup>œ©,¡,È,,È,α,æ,α  
,É□A,Ü,½,í”–,,É,é,æ,α,É RET ,ð□Ý’è,μ,Ü,·□B

HP LaserJet 4PJ fvfŠf“f^,Á,í□A,T,Â,ì RET ,ì□Ý’è,ðfTf|□[fg,μ,Ä,ç  
,Ü,·□BffftfHf<fg□Aflft□Af  
%o<sub>fCfg□Af~ffBfAf€□Af\_□[fN,Å,·□BffftfHf<fg,ì□Ý’è,í□hfvfŠf“f^</sub>  
ffftfHf<fg□h,Å□A,±,ì□ê□‡fvfŠf“f^,ìfRf“fgf□□[f<fpflf<,Å□Ý’è,μ,½  
RET ,ì□Ý’è,<sup>a</sup>Žg—p,<sup>3</sup>,ê,Ü,·□B

ŠÖ~A,.,éfgfsfbfN□F

^ó□ü”Z“x

^óü,ìœü,«

HP LaserJet 4PJ fvfŠf“f^,Å,Í□A□c□A%oj,ì,QŽí—p,ì^óü,ìœü,«,đfTf|  
□[fg,μ,Ä,ç,Û,·□B

□c,Å,ì^óü,Å,Í□A—  
pŽ†,Éœü,©,Á,Ä□,,<sup>3</sup>,<sup>a</sup>□,æ,è,à',çœü,«,É^óü,<sup>3</sup>,ê,Û,·□B

%oj,Å,Í□A—pŽ†,Éœü,©,Á,Ä•□,<sup>a</sup>□,,<sup>3</sup>,æ,è,à',çœü,«,Å^óü,<sup>3</sup>,ê,Û,·□B

**fZf<ftfefXfg**

fZf<ftfefXfg,É,Â,«,Ü,µ,Ä,Í□A,“ŽèŽ□,¿,ì†□[fU□[fYf}fj}f...  
fAf<,ð,²ŽQ□Æ,,¾,³,ϕ□B

