

# HPffUfCf“fWfFfbfg650Cfvf[]fbf^

,±,lfwf<fv ftj@fCf<,“æ,ÑŠÖ~A,ì AutoCAD fvfŠf“f^%øðà(APD)ftj@fCf<,Í“Hewlett-Packard HP-GL/2fffofCfXv4.0, ADI 4.x - HP[]>”fhf%øfCfo,ì^è•”,Å,·[]B,±

,è,ç,lfj@fCf<,ìHPffUfCf“fWfFfbfg650Cfvf[]fbf^—p,Å,·[]B  
,æ,è,æ,çfpftfH[]f}f“fX,ð“¾,é,É,lfpf%øfCf< fCf“f^ftfF[]fX,ðŽg—p,µ,Ä,-  
,¾,¾,ç[]B,Ü,½fvfŠfAf<fCf“f^ftfF[]fX,ìŽg—p,à%øA“\,Å,·[]B

ŽŸ,ì,à,ì,ð`fffbfN,·,è,·,é,É,ì,ç,·,è,à[]Afvf[]fbf^,lf[]f“fgfpflf< f[]fj...[]l,ðŽg,ç,Ü,·[]B,Ü,½,±  
,è,ç,lfvf[]pfefB,ðftf[]f“fgfpflf<,ðŽg,A,Å[]Å[]Y`è,·,é,±,Æ,à,Å,«,Ü,·[]B

- f}[]fW(fyf“[]Y`èf[]fj...[]l)
- fyf“[]Y`è: •[]A“Z“x(fvfF[]fh) (fyf“[]Y`èf[]fj...[]l)

**d—v:** AutoCAD ,lfyf“[]Y`è,ðŽg—p,·,é,è[]±,É,ì[]Afvf[]fbf^,lfyf“[]Y`è/fpfCfEfbfg f[]fj...

[],ì[]Y`è,ì[fvtfgfEfFfA],Æ,µ,Ä,¾,¾,ç[]B,»,x  
,Å,É,·,è,lfvf[]fbf^,lf[]f“fgfpflf<,ì[]Y`è,ðŽg,ì,è,Ü,·[]B  
[]Y`è,±,lfŠfXfg,É·\Ž,¾,è,É,ç[]è[]±[]A,±,lfhf%øfCfo,ðŽg,x  
,É,ì,»,è,ç,ì[]Y`è,ðfvf[]fbf^,è[]\$Cèä,Å,«,É,ç,Æ,ç,x,±,Æ,è,è,Ü,·[]

**BHPCONFIG,ðŽg,Å,½fvf[]fbf^[]Y`è,ìŠT—v,Æ,ç,xŠÅ<<[]Y`è,ð`µ,Å,½fZfNfVf+”,â[]A[]  
ftfgfEfFfA[]Afvf[]fbf^,ì.C,¾,ç,ð[]Y`è,·,é,ç,ðŽQ[]Æ,µ,Ä,¾,¾,ç[]B**

,±,è,ç,lfvf[]fbf^,Å[]f“fO fvf[]fbfg,ð[]o—ì,·,é,±,Æ,è,Å,«,Ü,·[]B

,±,è,ç,lfvf[]fbf^,É,ìf[]fvfVf+”,Å<,çf}[]fWf“,lf,[]fh,è,è,Ü,·[]B,±,è,ðŽg,x,É,ìfy[]fWftfH[]f}fbfg/  
f}[]fWf“lfvf[]fbf^ f[]fj...[]l,lfqf[]fC],ð`ì`ð,µ,Å[]AHPCONFIG ,lfAfhfof“fXfg f[]fffBfA  
flfvfVf+”,Å[Expand On],ÉfZfbfg,µ,Ü,·[]B,±,è,ðŽg,ì,è,ì,lf[]f<fZt,ì[]è[]±,¾,¾,·,Å,·[]B

‘à,«,Éf%øfXf^ fCf[][]fW,ðfvfŠf“fg,·,é,Æ,«[]AfCf“fN—ì^æ,ÆflXfefBf“fO[]Y`è,è-³Cèø,É,È,Å,Ä,ç,é,±  
,Æ,è,è,Ü,·[]B

## □,„[]šfvf[]fbfg—ì^æ

ft[]fU[]fy fKfCfh,ì·\,É AutoCAD ,Å·W[]€—pŽtftfCfY,ÉfZfbfg,·,é[]ä,Å“K”—,Éfvf[]fbfg—  
ì^æ,è<“,°,ç,è,Å,ç,Ü,·[]Blfvf[]fbfg[]Y`èlf\_fCfA[]f[]Of{fbfNfX,©,çfAfNfZfX,Å,«,élfTfCfY...]  
f\_fCfA[]f[]Of{fbfNfX,É,±,è,ç,ì`ì,ðft[]fU[][] ftfCfY],Æ,µ,ÅfZfbfg,µ,Ü,·[]B,±  
,è,ç,lfTfCfY,ðŽg,ì,ì[]Afvf[]fbf^,lf[]XfefBf“fO<@”,ðŽg,x,Æ,«[]A[]Å,àCèø—ì,ì—ç,ç—pŽt[]ß-ñ,ð[]s,ç  
,Ü,·[]B·W[]€ftfCfY,è·K—v,Å,É,ç,Æ,«,É,ì[]Afy[]fWftfH[]f}fbfg/fTfCfY],ðfCf“fNfŠf+EfCfL]  
,ÉfZfbfg,µ,Ü,·[]B,±,è,É,æ,Å,Å[]Å,àCèø—ì,ì,æ,ç—pŽtŽg—p,ð[]s,ç,Ü,·[]B

fvf[]fbf^,lf[]f“fgfpflf< f[]fj...[]l,É,ìCè»[]Yfvf[]fbf^,ÉŽæ,è·t,·,ç,è,Å,ç,éfffbfgŽt,ìx[]Ay,ì[]Å`à`ì,è·\  
Ž,¾,è,Ü,·[]B,±,ì[]í·ñ,lfvf[]fbf^,lf[]f“fgfpflf<,lf[]f[]fefBfŠfefB/fWf+Efzfe]f[]fj...[]l,É<L^¾,è,Å,ç  
,Ü,·[]B

## ft[]f“fgfpflf<[]Y`è

,±,lfvf[]fbf^,É,ìŽŸ,É<“,°,élfvfVf+”,ðfZfbfg,·,é·K—v,è,è,Ü,·[]B:

- fvf[]fbfgjff“fŠ:** flf...[]fCf“fO=fif“
- fy[]fWftfH[]f}fbfg:** ftfCfY=fvtfgfEfFfA  
f}[]fWf“=ftfçE
- lOfZfbfefC(RS-232-C):** fRfEfZfC=fRfEfZfCA  
f{[]fCè[]fg=9600  
fpfŠfefB=fifV(0)
- fvf[]fbf^fZfbfgfAfbfv:** fQf“fS=HP-GL/2,  
ffj“fVfEfWfjff“=ftfçfE  
fyf“f`fFfbfN=fif“  
fRf“fgf%øfXfg=ftfçfE

ŽQ[]Æ:

▯ [ftf“fgpfkf\\_fjf...f](#).

## ŠÖ~AfgsfbfN

▯ [HP650CfffUfCf“fWfFbfq,ìgf%ofuf<,ì%öĈE^](#).

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# ftf f"fgfpflf< f fjjf...[]

'Of fjjf...[] [A a-î^ó A%°-î^ó A "ü-í, Šef {f^f", đŽg, Á, Ä fjjf...[] [ fVfXfef€  
đ'€ ñ, µ A "K Ø, È 'l, đfZfbfg, µ, Ü, · B

[] 'Of fjjf...[] [đ%°Ÿ, ·, Æ fjjf...[] [ 'l'đ, l) · i X-³, µ, È 'O, lf fjjf...[] [ fCfxf<, aŽl, ³, è, Ü, · B  
%°°<L, lfŠfXfg, Å, Ü, ½, lf fjjf...[] [ lf v f b f g, Å), , é-ñ, ©, ç 1, Å ¶ l, l-ñ, È ^ Ú " ®, ·, é, ±,  
Æ, È 'Š "-, µ, Ü, · B

[] (ä-î^ó) A (%°-î^ó), đ%°Ÿ, ·, Æ fjjf...[] [ lf lf v f v f f f " , đ ä %°° , µ , Ü , · B %°° , lf Š f X f g , Å s , đ ä  
%°° , ·, é, ±, Æ, È 'Š "-, µ, Ü, · B lf lf v f v f f f " , lf Š f X f g , l ~ A ± " l , È Å  
%°° ' i , © , ç Å ä ' i , È A , Ü , ½ Å ä ' i , © , ç Å %°° ' i , È ^ Ú " ® , µ , Ü , · B

[] "ü-í, đ%°Ÿ, ·, Æ, » , lf lf v f v f f f " , a ' l ' đ , ³ , ê A Ž Ÿ , lf fjjf...[] [ fCfxf<, È ^ Ú " ® , µ , Ü , · B %°° , lf Š f X f g , l -  
ñ, đ 1, Å %°° E , l -ñ, È ^ Ú " ® , ·, é, ±, Æ, È 'Š "-, µ, Ü, · B

[] f f j j f . . . [ f v f X f e f € , l Å %°° ^ È , lf C f x f < , Å " ü - í , đ %°Ÿ , · , Æ A lf lf v f v f f f " , đ ' l ' đ , µ , Ä A , » , è , đ Ÿ ' è , È  
%°° A , l , é , ± , Æ , È , è , Ü , · B , ± , l Å Æ Ž Ÿ , l Å ^ È f f j j f . . . [ f C f x f < , È ^ t ^ Ú " ® , ·, é, ±, Æ, È, è A  
%°° , lf Š f X f g , l , , é -ñ , © , ç , P , Å ¶ l , l -ñ , È ^ Ú " ® , ·, é, ±, Æ, È 'Š "-, µ, Ü, · B

'¾ Žš, l Å - Ü , l ' È lf f f f " f g f p f l f < , È • Ž l , ³ , è , Ü , · B ' ¼ , l Å - Ü , a Ž g , l , é , l , l Å f f [ f e f B f Š f e f B --> f f j j f . . .  
[] [ f . [ f h --> f t f < , a f Z f b f g , ³ , è , Å , ç , é è Æ , ¾ , - , Å , · B

fAfXf^fŠfXfN(\*), a • t, ç, ½ Å - Ü , lf f f f H f < f g , l ' l , Å , · B

## fvf fbf^fZfbfefC

fQf" fS=  
7586, HP-GL/2\*  
f^fCf€fAfEfg=  
0.1ftf", 0.5 ftf", 1.0 ftf", 2.0 ftf"\* , 5.0 ftf",  
10.0 ftf", 15.0 ftf", 20.0 ftf", 30.0 ftf"  
f^[] [f~f[] [f^=  
ftfcfE\*  
fXfyfVfff<  
HP-GL/2  
PostScript  
fXfP[] [f<=  
419%, 400%, 352%, 282%, 258%,  
210%, 200%, 141%, 129%, 100%\*

fjf" f f E f W f j f " =

f~fwfjfc

ftfcfE\*

fifKfC

fifV

fRf" fgf% of Xfg =

fqnfc

ftfcfE\*

f^fjfc

fyf" f` fFfbfN =

flf"\*

flft

f[] [] [] B f A f of C f p f X =

flf"

flft\*

f q f " f V f c =

f v f t f g f E f f f A \*

f v f [] b f ^

fvf[]fbfgfj"Œ  
 fLf...[]fCf"foj"Œ  
 []iftj@fCf<^É'u"Ô[]j[]F,ŽkfxjNfgf<  
 []iftj@fCf<^É'u"Ô[]j  
 fWf[]Ejzfe  
 fnfo=fifKfT[]AfVf^fEf[]f,Œ=  
 fRfs[]f}fCfXfE=  
 1\*, ... 99  
 fvf[]fbfgftj@fCf<fTfNfWf[]  
 fLf...[]fmfZf"fgfEj[]fCfhfE  
 fLf...[]fCf"fo=  
 f"j\*  
 fjt  
 flfXfefBf"fo=  
 fTfCfefL  
 flfXfefBf"fo}f`=  
 2ftj"\*x30frf[]fEx5frf[]fE  
 flft\*  
 fWf...f"fof"([]ä,[]fTfCfefL,Æ"°,[])

fy[]fWftfH[]f}fbfg  
 f[]fCfef"=  
 0\*, 90, 180, 270  
 f}[]fWf"=  
 ftfcfE\*  
 f[]fNf`f[]fE  
 f~f%o[][ =  
 flft\*  
 f"j  
 fTfCfY=  
 fCf"fnfŠf[]fEfcfL\*  
 f\ftfgfEjFfA  
 ISO  
 fxfXfgISO A  
 ISO A0/A1-A4  
 ANSI  
 fxfXfgANSI  
 ANSI E/D-A  
 JIS  
 fxfXfgJIS B  
 JIS B1/B2-B4  
 ARCH  
 fxfXfgARCH  
 ARCH E/D-A  
 f![]fo[]fTfCfY  
 f![]fo[]A2  
 f![]fo[]A1

fyf"ŒZfbfefC  
 fpf[]fbfg=  
 f\ftfgfEjFfA\*  
 ffftfHf<fg  
 fpf[]fbfgA  
 fpf[]fbfgB

fpfCEfbfgfefCfM  
 fpfCEfbfg,`  
 fyf“ 15, ..., 0  
 fnfo=  
 0.13mm, 0.18mm, 0.25mm, 0.35mm\*, 0.50mm, 0.65mm, 0.70mm, 0.80mm,  
 0.90mm, 1.0mm, 1.40mm, 2.0mm, 3.0mm, 5.0mm, 8.0mm, 12.0mm  
 fff%o[] =  
 0, ... 255  
 fpfCEfbfgB  
 f}[]fWfRf“fgf[]f<=  
 flft\*  
 flf“

**ft[]fefBfŠfefB**  
 ffftHf<fgf[]fjf...[]  
 fRfEfZfCfvf[]fbfg  
 fZfCfh  
 ffftHf<fgfZfCfh  
 fTfCfRfEfZfC  
 fvf[]fbfgfTfNfZfC  
 fvf[]fbfgfNfNfefC  
**f[]fjf...[] f,[]lfh=**  
**fVf+[]fjg\***  
**ftf<**  
 ff[]f^fRf}f“fhfvfŠf“fg  
 fWf+fEzfE  
 fTfCf\_fCX=  
 fTfCf\_fCY=  
 ROMfo[]fWf+f“=  
 RAMf[]f, fS =  
 f^fEfV=  
 ROM SIMM=

**fff,**  
**fTf“fvf<\***  
**fpfCEfbfg**

I/O fZfbfefC  
 RS-232C  
 fRfEfZfC=  
 ffftHf<fg\*  
 fRfEfZfCA  
 fRfEfZfCB  
 fRfEfZfCfefCfM  
 f{[]fCE[]fjg=  
 38400, 19200, 9600\*, 4800, 2400, 1200  
 fnf“fhfvfFfCfN=  
 fn[]fhfEfFfA  
 Xon/Xoff  
 fŠf+fEzfE\*  
 fpfŠfefB=  
 fijV(0)\*[]AfOfEfXfE[]AfLfXfE[]Af}[]fN  
 f,fWf...f%o  
 [MIO—pf[]fjf...[]]



# HPffUfCf“fWfFfbfg650C,lfgf%ofuf<,l%ođCE^

”□¶,μ,ª,ž,È-â'è,É,Â,ç,Ä,lfqf“fg,đ<“,°,Ä, ,è,Ü,·□B“K“-,ÈCEè,đfNfŠfbfN,μ,Ä,,¾,¾,ç□B

- □},l^ê•”,ªfvf□fbfg,¾,ê,È,ç□ê□¶,âf□f,š•s'«.,lf□fbfZ□[fW,ª•\Ž|,¾,ê,é□ê□¶
- f,fmfNf□,lfvf□fbfg,l•ižž,ª^«.,ç□ê□¶:,“Žg,ç  
,lHPffUfCf“fWfFfbfg650C,lftf□f“fgfpjf<,ªf,fmfNf□,ÅfvfŠf“fg,·,é,æ,κ,ÉfZfbfg,¾,ê,Ä,ç  
,é□ê□¶□AAutoCAD ,l□Ý'è,àfOfCEfCfXfP□[f<,ÅfvfŠf“fg,·,é,æ,κ,ÉfZfbfg,μ,Ä,-  
,¾,¾,ç□Bf,fmfNf□ff□[f^,đŽó□M,·,é,æ,κ'Ó@,μ,Ä,ç,éfffofCfX,Éfjf%o□[.,lfCf□□[fW,đ'—  
,é,Æ□A□Ä□“l,ÉŽd□ă,ª,è,É-â'è,ª<N,«.,é,±,Æ,ª, ,è,Ü,·□B

## ŠÖ~AfgfsfbfN

- [fgf%ofuf<,l%ođCE^](#).

# f f, fš • s' «

}, ðfvf fbf g, , é, ì, É \ • a, È f f, fš, a f v f f b f ^, É, , è, Ü, 1, ñ B

f f, fš, ð' Ç % Á, µ, Ä A Ä " x o — í, µ, Ä, Ý, Ä, , ¾, ¾, Ç B

, ; Ž g, ç, \ f f f o f C f X, a " f f, fš • s' « ", ð • Ž !, , , é ê ð †, í A, à, Æ, ì } ( ' Ê \ f x f N f g f < ), ì, ç, , Â, ©, ì • " • a, a Ž, , í, ê, Ä, ç, é, ì, a, » , í — — R, Å, • B, » , ì ê ð † f v f f b f g, a o — í, ¾, ½, Æ, µ, Ä, à A • s S ® ' S, Å, , é, © ' 1, È, í, ê, Ä, µ, Ü, ç, Ü, • B



