

# fZfbfgfAfbfv,lfwf<fv

^È%º,lfgfsfbfNfX,<sup>a</sup>,<sup>2</sup>—~—p,Å,«,Ü,·□B

□@fZfbfgfAfbfv,ìŽí—p

□@f□□fg,ì'ì'ð

□@fTf□□fg,<sup>3</sup>,è,Ä,È,çfvšf“f^

□@'o•ûœü'Ê□M,lfgf%ofuf<

□@fvfšf“f^,ì'ì'ð

□@flfvfvf#f“,ì'ì'ð

□@<ó,«fffBfXfN—e—Ê,ì•s'«

□@[F1] fL□[,ð%Ÿ,·,Æ□Afwf<fv,ì□Ú,μ,çŽg,ç•û,<sup>a</sup>□à-<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,è,Ü,·□B

fZfbfgfAfbfv,ìí—p

^È%º,ÉŽ!,,à,ì,ì't,©,ç□A^ê,Â'l,ñ,Â,,¾,¾,ç□B

□@,P□j•W□€fZfbfgfAfbfv :

□@□@□@fvfŠf“f^ fhf%ofCfo,ÆfXfe□[f^fX fEfBf“fhfE,ðfZfbfgfAfbfv,μ,Ü,·□B

□@,Q□jJfXf^f€fZfbfgfAfbfv :

□@□@□@fvfŠf“f^ fhf%ofCfo,Ü,½,í□AfXfe□[f^fX fEfBf“fhfE,ì,Ç,¿,ç,©,ð

□@□@□@fZfbfgfAfbfv,·,é,±,Æ,ª,Â,«,Ü,·□B

□@,R□jIfbfgf□□[fN,Â,ìfZfbfgfAfbfv :

□@□@□@,±,ìf□fj...□[,í□AfIfbfgf□□[fN,É,æ,Á,Ä□AWindows,ìffBfÇEfNfgfŠ

□@□@□@□\‘ç,ª<κ—L,¾,ê,Ä,ç,é□ê±,É,ì,Ý•\Ž|,¾,ê,Ü,·□B,±,ê,í□AWindows

□@□@□@,ìfVfXfef€—p,ìftf@fCf<,ðfT□[fo□[ fVfXfef€,ÉfZfbfgfAfbfv,μ,Ä□A

□@□@□@ÇÊX,ìfNf%ofCfAf“fg fVfXfef€,ª□A,» ,ìfT□[fo□[ fVfXfef€,É, ,é

□@□@□@Windows ,ìfVfXfef€ ftf@fCf<,ð<κ—L,·,éÇ`‘Ô,ì,±,Æ,Â,·□B,±,ì

□@□@□@fZfbfgfAfbfv,ð‘ð,·,é‘O,É□A,±,ìWindows ,ìfVfXfef€

□@□@□@fffBfÇEfNfgfŠ,ªŠ,,,è“—,Ä,ç,ê,Ä,ç,éfhf%ofCfu,ª□Aftf@fCf<,ì“Ç,Ý

□ž,Ý/□‘,«□ž,Ý%ºÂ”\□ó‘Ô,É,È,Á,Ä,ç,é,±,Æ,ðŠm”F,μ,Ä,,¾,¾,ç□B

f|[]fg,ì'í'ð

Windows ,É,¨,ç,Ä[]AfVfŠf“f^ ,ÉŽg—p%oÂ“\,Èf|[]fg,ª,±,±,ÉŽ!,³,è,Ä,ç,Ü,·[]B

ŽÀ[]Ù,É[]AfVfŠf“f^ ,Æ[]Ú'±,³,è,Ä,ç,é,¨Žg,ç,ìfRf“fsf...[]f^,ìf|[]fg,ð'í'ð  
,μ,Ä,,¾,³,ç[]B'Êí[]AfRf“fsf...[]f^,É,í[]Afpf%ofCEf<,ÆfVfŠfAf<,ì“ňŽí—p,ì  
f|[]fg,ª'¶[]Ý,μ,Ü,·[]BLPT1, LPT2 ,È,Ç,í[]Afpf%ofCEf<,ìf|[]fg,Å,·[]B,» ,é  
,É'í,μ[]ACOM1, COM2 ,È,Ç,í[]AfVfŠfAf<,ìf|[]fg,Å,·[]B

fTf|[]fg,<sup>3</sup>,ê,Ä,ç,È,çfvfŠf“f^

œ»[]Ý‘l’ð,<sup>3</sup>,ê,Ä,ç,éj|[]fg,É[]Ú‘±,<sup>3</sup>,ê,Ä,ç,éfvfŠf“f^,í[]AfXfe[]f^fX  
fEfBf“fhfE,ðfTf|[]fg,μ,Ä,ç,È,çfvfŠf“f^,Å,·[]B

‘l’ð,μ,<sup>1</sup>/<sub>2</sub>f|[]fg[]A,Ü,<sup>1</sup>/<sub>2</sub>[]A[]Ú‘±,<sup>3</sup>,ê,Ä,ç,éfvfŠf“f^,ðŠm”F,μ,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ç[]B  
,à,μ[]AŠÔ^á,!,Ä,ç,é[]ê[]±,í[]Af|[]fg,ì[]Ý’è,É-β,è[]A[]Ý’è,μ’<sup>1</sup>/<sub>4</sub>,μ,Ä,,<sup>3</sup>/<sub>4</sub>  
,<sup>3</sup>,ç[]B,±,ì,Ü,Ü[]AfZfbfgfAfbfv,ð’±,¯,é,Æ[]AfXfe[]f^fX fEfBf“fhfE,í[]A  
fZfbfgfAfbfv,<sup>3</sup>,ê,Ü,·,ª[]<sup>3</sup>,μ,“®[]ì,μ,È,ç,±,Æ,ª—\‘z,<sup>3</sup>,ê,Ü,·[]B

'o•ûĈÛ'Ê□M,lfgf%ofuf<

'o•ûĈÛ'Ê□M,³□³,μ,□s,í,ê,È,ç□ê□#□A^È%º,ì,æ,ꝛ,ÈĈ^ö,³□l,l,ç,ê,Û,·□B  
Šm" F,μ,Ä,,¾,³,ç□B

□@,P□jfvfŠf"f^,É"dĈ¹,³"ü,Á,Ä,ç,Û,·,©□B,Û,½□A^ó□ü%ºÁ"\,ìó'Ô,É,È,Á  
,Ä,ç,Û,·,©□B

□@,Q□jfvfŠf"f^fP□[fuf<,í□A³,μ,□Ú'±,³,ê,Ä,ç,Û,·,©□B

□@,R□j'o•ûĈÛ'Ê□M—p,lfP□[fuf<,đŽg—p,μ,Ä,ç,Û,·,©□B “-ŽĐ,Á,í□A  
□@□@□@IEEE-1284 •W□€,É□€<',μ,½□AfnfC fpftfH□[f}f“fX fP□[fuf<,đŽg  
—p,·,é,±,Æ,đ□,,□S,μ,Ä,ç,Û,·□B

□@,S□jfvfŠf"f^,ÉŽ†,³□³,μ,fZfbfg,³,ê,Ä,ç,Û,·,©□B

□@,T□jfvfŠf"f^,Éfgfi□[ f□[fgfŠfbfW,³"ü,Á,Ä,ç,Û,·,©□B,Û,½□Afgfi□[  
f□[fgfŠfbfW,í□AfvfŠf"f^,É□³,μ,fZfbfg,³,ê,Ä,ç,Û,·,©□B

f v f Š f ^ , i ' i ' ð

' i ' ð , μ , 1/2 f | [ f g , É Ú ± , 3 , ê , Ä , ç , é f v f Š f ^ , ð ' i ' ð , μ , Ä , , 3/4 , 3 , ç B

fifvfVf#f",i'1'ð

fZfbfgfAfbfv,μ,½,çfifvfVf#f",ð'1'ð,μ,Ä,,¾,³,çBf}fEfX,ÅAfiFv  
fVf#f",ì-¼'O,ðfNfŠfbfN,·,é,±,Æ,É,æ,èA,»,ìfifvfVf#f",ð'1'ð,·,é  
,±,Æ,ª,Ä,«,Ü,·BfifvfVf#f",ì¶'α,ìf{fbfNfX,É X ^ó,ª, ,é,à,ì,ªA  
'1'ð,³,ê,Ä,ç,é,à,ì,Ä,·B,Ü,½AfiFvVf#f",ì-¼'O,ì%oE'α,É,íA,»,ì  
fifvfVf#f",ðfZfbfgfAfbfv,·,é,ì,É•K—v,È<ó,«ffBfXfN—e—Ê,ª•\Ž,³  
,ê,Ä,ç,Ü,·B

@@,PijfvfŠf"f^fhf%ofCfo@@:

fvfŠf"f^,ðfRf"fgf[]f<,·,é,½,β,ìf\ftfgfEfGfA,Ä,·BfvfŠ  
f"f^,ðŽg—p,·,é,É,íA[]Ä'áCEÀ•K—v,È,à,ì,Ä,·B

@@,QijXfe[]f^fX fEfBf"fhfE[]@:[]@

, Žg,ç,ìfRf"fsf...[]f^,ÉfvfŠf"f^,ìó'Ô,âfGf%o[]f[]fbfZ[]fW,ð  
•\Ž,μ,Ü,·BfXfe[]f^fX fEfBf"fhfE,ðŽg—p,·,é[]ê[]±,É,ífvfŠ  
f"f^,ª'o•ûCEü'É[]M—p,ìfP[]fuf<,ÄAfrf"fsf...[]f^,ìfpf%ofCEf<  
f[]fg,É'¼[]Ú[]Ú'±,³,ê,Ä,ç,é•K—v,ª, ,è,Ü,·B

@@[]@[]fXfe[]f^fX fEfBf"fhfE,íAfvfŠf"f^,ªfifbfgf[][]fN[]ã,É[]Ú'±,³

,ê,Ä,ç,é[]ê[]±,âAfxfcfbf` f{fbfNfX,ð'É,μ,ÄA[]Ú'±,³,ê,Ä,ç,é  
[]ê[]±,É,íA[]³,μ,"@[]ì,μ,Ü,¹,ñ[]B

<ó,«ffBfXfN—e—Ê,ì•s'«

'l'ð,μ,½□AflfvVf†“ ,ðfZfbfgfAfbfv,·,é,½,ß,É•K—v,È<ó,«ffBfXfN  
—e—Ê,ª'« ,è,Ü,¹,ñ□B,»,ì,½,ß,ÉfZfbfgfAfbfv,Í'âŽ~ ,³,ê,Ü,μ,½□B  
^È%º,ì,ç, ,ê,©,ð□s,Á,Ä,,¾,³,ç□B

□@,P□j,·,x,Ä,lfIfvVf†“ ,ðfZfbfgfAfbfv,ð'l'ð,μ,Ä,ç,é□ê□†,Í□A  
□@□@□@ [fjXf^f€ fZfbfgfAfbfv],ð'l'ð,μ,Ä□AfZfbfgfAfbfv,·,é  
,à,ì,ðE ,ç,μ,Ä,,¾,³,ç□B

□@,Q□jZfbfgfAfbfv,ð□l—¹,μ,Ä□A<ó,«ffBfXfN—e—Ê,ð'□,â,μ,Ä,,¾,³  
□@□@□@,ç□B,»,ìEã,É□A,à,π^ê“x□AfZfbfgfAfbfv,ð□s,Á,Ä,,¾,³,ç□B



