

⌘Ø³ãªéµÑÇàÀ×Í;¹Öéà¾¼×èÍ;ÓË¹´ãËé;ÒÃ´´ÓÁÍ§ fog table ·Ó§Ò¹ËÃ×ÍäÁè·Ó§Ò¹  
Direct3D ´´ÐÃÐºØÇèÒÍÐ´´»àµÍÃì;ÒÃÁË´§¼¼Å¹ÖéËÒÁÒÃ¶ãªéàÃè§⌘ÇÒÁàÃçÇ;ÒÃÁË  
´§¼¼Å¶Í§ÌÒÃì´´áÇÃì Direct3D â´´ÁÁË´§¼¼Åä´´é·Ñé§´ºº vertex fog ËÃ×Í table fog  
à;ÁºÒ§»ÃÐàÀ·ãÁèËÒÁÒÃ¶¹Ó⌘ÇÒÁËÒÁÒÃ¶´´Òì;ÒÃì´´áÇÃì Direct3D ÁÒãªéä  
´´éàµçÁ»ÃÐËÒ· ÒÁÒ¾¼áÅÐµéÍ§ãªé table fog à·èÒ¹Ñé¹  
ìÒÃàÀ×Í;µÑÇàÀ×Í;¹Öé´´ÐªèÇÃãËé⌘Ø³ÁÑè¹ã´´ã´´éÇèÒ  
à;Á¹Ñé¹ÁÑ¹º¹ã»Ãà«Ëà«ÍÃì;ÃÒ¿Ò; NVIDIA ä´´éÍÃèÒ§¶ÙìµéÍ§

μÑÇàÀ×Í;¹ÕéªèÇÃãĚéªØ³ÊÒÁÒÃŦĤĤ;àĀÔ;ĭ;ÒÃãªéªØ³ÊÁºÑμÔ DirectX  
àÇÍĀìªÑè¹ãĚÁèæ ã¹ă´ĀàÇÍĀìă´é

à;ÁºÒ§»ÃĐàÀ·.ÕèàŦÕĤ¹ŦÖé¹à¾×èÍãªé;Ñº DirectX àÇÍĀìªÑè¹;èÍ¹æ

ÍŦªăÁè·Ó§Ŧ¹ŦĚŦªØ³μŦ´μÑés DirectX àÇÍĀìªÑè¹ 6 ĚĀ×Í 7 äÇé

ĭŦĀàÀ×Í;μÑÇàÀ×Í;¹Õéà»ç¹;ŦĤ;ŦĚ¹´ãĚéĀĐºº·Ó§Ŧ¹ă¹ăĚĀ´ DirectX 5

à¾×èÍãĚéà;ĀĀØè¹à;èŦĚŦĀŦĤŦ·Ó§Ŧ¹ă´éÍĀèŦ§ŦŦŦ;μéÍ§

ãªéμÑÇàÀ×Í;¹ÕéĚŦ;ªØ³μéÍ§;ŦĀĀÑ¹à;ĀĀØè¹à;èŦºŦ§ĀØè¹·ŦèăÁè·Ó§Ŧ¹ĚĀ×Í·Ó§Ŧ¹

ăÁè»ĭμŦ

ãĖĖîÔÃî´ áÇÃî»ÃÑºðèÒðÇÒÁĀÖ;ϕÍ\$ Z-buffer ãĖĖµÃ\$µÒÁ·Ōèáí»¾ĀŌàðªÑ¹µéÍ\$;ÒÃ  
â´Â»îµŌ ðØ³ðÇÃ;ÓĖ¹´ ãĖĖµÑÇàĀ×Í;¹Ōé·Ó\$Ō¹ Â;àÇé¹ã¹;Ã³Ō·ŌèµéÍ\$;ÒÃ;ÓĖ¹  
´ðÇŌÁĀŌ; Z-buffer àÍ\$ ĖŌ;ăĀè;ÓĖ¹´ ãĖĖµÑÇàĀ×Í;¹Ōé·Ó\$Ō¹  
â»Āá;ĀĀáí»¾ĀŌàðªÑ¹·Ōèăªé Z-buffer «Ōè\$ăĀèµĀ\$;Ñº·Ōèă´é;ÓĖ¹  
´ðèŌð¹¿Ō;ăÇé`Đ·Ó\$Ō¹ăĀèă´é

ÊÒÁÒÃ¶àÀ×Í;ãªéà·¤¹Ô¤ÊÓËÃÑºÑ¿à¿ÍÃì;ÒÃáÊ´§ÀÒ¾ 3 ÁÔµÔã´é  
¤Ø³ÊÁºÑµÔ¹Õé·ÓãËéÎÒÃì´áÇÃìÊÒÁÒÃ¶ãªé;ÒÃ·Ó§Ò¹µèÒ§æ  
ÊÓËÃÑºÑ¿à¿ÍÃì;ÒÃáÊ´§ÀÒ¾ 3 ÁÔµÔã¹áí»¾ÃÒà¤ªÑ¹ 16 °Ôµ  
à¾×èíãËéÊÃéÒ§ÀÒ¾ 3D ä´éÃÕ»ÃĐÊÔ·ÔÀÒ¾ËÛ§ÃÔè§¢Öé¹

ãªé;ÓĚ¹´ãĚéáĚ´şâÂâ;é NVIDIA ã¹ Direct3D  
;ÒÃãªéµÑÇàÅ×Í;¹Ŏé´Đ·ÓãĚéâÂâ;é NVIDIA »ÃÒ;¯·ŎèÁØÁ´éÒ¹ÅèÒşŦÍŞĚ¹éÒ´Í  
ã¹Ŧ³Đ·ŎèÃÑ¹áÍ»¾ÅÔàªªÑ¹ Direct3D

â»Ãà«Êà«ÍÃî;ÃÒ¿Ô; NVIDIA ÊÒÁÒÃŦÊÃéÒ§ÁÔ»áÁç»â  
´ÁÍŦµâ¹ÁŦµÔà¾×èlà¾ÔèÁ·Ŧé§»ÃÐÊÔ·ÔÁÔ¾ã¹;ÔÃÊè§¢éÍÁÙÂ;ÔÃÊÃéÒ§¾×é¹¼  
ÔÇ¹¼èÔ¹⁰ŦÊáÃÐ»ÃÐÊÔ·ÔÁÔ¾ã¹;ÔÃ·Ô§Ô¹¢Í§áÍ»¾ÃÔàªŦ¹

ÍÃèÒ§äÃ;çµÔÁ â»ÃájÃÁáÍ»¾ÃÔàªŦ¹⁰Ò§»ÃÐàÀ·ÍÒ·ÃÔ;ÔÃáÊ  
´§¼Ã·ÔèäÃèŦÛ;µéÍ§ÊÔ;ÔÊ¹·ãÊéãªéªØ³ÊÁ⁰ŦµÔÁÔ»áÁç»ÍŦµâ¹ÁŦµÔ;ÔÃájé»ŦËÒ  
ãÊéªØ³Ã·ÃÐ·Ŧ⁰;ÔÃÊÃéÔ§ÁÔ»áÁç»Ã§¹;ÇèÒ·ÐáÊ´§¼ÃŦÛ;µéÍ§;ÔÃÃ·ÃÐ  
·Ŧ⁰ÁÔ»áÁç»·ÐÊÒÁÔÃŦájé»ŦËÒ;ÔÃÇÒ§µÓáÊ¹è§¾×é¹¼ÔÇãÊé "äÃèÃÔÃÍÃµéÍ"  
(áµè·Ð·ÔãÊéªØ³ÃÒ¾¢Í§;ÔÃáÊ´§¼ÃÃ·Ã§´éÇÃàªè¹;Ŧ¹)

ãĚéϣØ³ÊÒÁÒÃŲàÀ×ÍÇÔ,ŎÁÔ»áÁÇ»ÍÑμâ¹ÁÑμÔ·Ŏèâ»Ãà«Êà«ÍÃìÃÔ¿Ôì·Đãé  
ϣØ³ÊÒÁÒÃŲàÀ×ÍÇÔ,ŎìŎÃÁÔ»áÁÇ»á°ä°ÁÔà¹ŎÃÃì ĚÃ×Íá° 8-tap anisotropic â  
´Ā·Ŏèá°ä°ÁÔà¹ŎÃÃì·ĐãĚé»ÃĐÊŎ,ŎÀŎ¾·Ŏè´ŎìÇèŎ ã¹ϣ³Đ·Ŏèá° anisotropic  
·ĐÊÒÁÒÃŲáĚ ŠÀŎ¾ä´éϣÁªŲìÇèŎ

ãĖé¸Ø³ÊÒÁÒÃŒ»ÃÑº¸èÒä°áíÊ LOD (Level of Detail) ã¹;ÒÃÁÔ»áÁç»ä´é

¸èÒä°áíÊ·ÕèµèÓ·Ð·ÓãĖé¸Ø³ÀÒ¾¼ŒÍ\$ÀÒ¾¼´ÕŒÖé¹

ã¹Œ³Ð·Õè¸èÒä°áíÊ·ÕèÊÛ\$·ÐªèÇÂà¾¼ÕèÁ»ÃÐÊÔ·ÔÀÒ¾¼;ÒÃ·Ó\$Ò¹ŒÍ\$â»Ãá;ÃÁáí»¾¼  
ÃÔàªÑ¹ ¸Ø³ÊÒÁÒÃŒàÃ×|;·Ò;¸èÒä°áíÊ´Õ;ÍÃµì 5 ¸èÒ àÃÔèÁ·Ô; "¸Ø³ÀÒ¾¼ŒÍ\$ÀÒ¾¼  
´Õ·ÕèÊØ´" ä»¹ŒÖ\$ "»ÃÐÊÔ·ÔÀÒ¾¼´Õ·ÕèÊØ´"



ã<sup>1</sup>ÃÒÂ;ÒÃ;ÒÃµÑé\$ðèÒá<sup>∞</sup>;ÓĚ<sup>1</sup>´àÍ\$ (ĚÃ×Í "tweak") ·ÕèðØ<sup>3</sup>ă´é°Ñ<sup>1</sup>·Ö;ăÇé  
ãĚéàÃ×Í;µÑÇàÃ×Í;·Ö;ÃÒÂ;ÒÃà<sup>3/4</sup>×èlã<sup>a</sup>é\$Ò<sup>1</sup>;ÒÃµÑé\$ðèÒ<sup>1</sup>Ŏé  
ã<sup>1</sup>;ÒÃàÃÒÂ;ã<sup>a</sup>é\$Ò<sup>1</sup>;ÒÃµÑé\$ðèŎ·ŎèµéÍ\$;ÒÃ ãĚéðÃŎ;·Ŏè»ØèÁ "µ;Ã\$" ĚÃ×Í  
"µ;Ã\$ã<sup>a</sup>é"

ªèÇÂãĚéªØ³ºÑ¹.Öï;ÒÃµÑésªèÒ»Ñ¹·ØºÑ¹ (ÃÇÁ·ÑésªØ´;ÒÃµÑésªèÒã¹ă´ÍĐÂçí;ºçí«ì  
"More Direct3D) à»ç¹ÃŮ»áºº.Œè;ÓĚ¹´àÍŒ  
;ÒÃµÑésªèÒ.ŒèºÑ¹.ÖïăÇé¹Œé´Đà¾ŒèÁĀŒã¹ÃÒÂ;ÒÃ·ŒèÍÂÙè¶Ñ´ă»  
ĚĀÑŒ·Œ;ŒèªØ³ă´é;ÒÃµÑésªèÒ.Œè´Œ·ŒèĚØ´ĚÓĚĀÑºà;Ááºº Direct3D áĀéÇ  
ãĚéºÑ¹.Öï;ÒÃµÑésªèÒ¹Ñé¹ăÇéà»ç¹ÃŮ»áºº.Œè;ÓĚ¹´àÍŒ (custom tweak)  
«ŒèŒªèÇĀãĚéªØ³ĚÒĀŒ¶;ŒĚ¹´ªèÒ Direct3D ä´éÍĀèŒŒÇ´àÃçÇ â  
´ĀăĀèµéÍŒµÑésªèŒáµèĀĐµÑÇàĀ×Í;ăĚĀè·ÑésĚĀ´

Åº;ÒÃµÑé§æèÒ·Õè;ÓĚ¹´àÍ§·Õèă´éàÅ×Í;ăÇé¨Ò;ÃÒÂ;ÒÃ

àÃÕÂ;æèÒ´Õ¿ÍÅµìϕÍ§;ÒÃµÑé§æèÒ·Ñé§ĚÁ´¤×<sup>1</sup>

áÊ´šă´ÍĐÅçí°çí«ì«Öèšă<sup>a</sup>éÊÓËÃÑ<sup>o</sup>»ÃÑ<sup>o</sup>à»ÅÕèÂ<sup>1</sup>ıÒÃμÑéš<sup>o</sup>èÒí×è<sup>1</sup>æ ¢Í§ Direct3D

μÑÇàÀ×í<sup>1</sup>Õé¨Ðà»ÀÕèÂ<sup>1</sup>á»ÀŞÊ;ÕÁ;ÒÃÃÐ<sup>0</sup>Ø<sup>¾</sup>×é<sup>11</sup>/<sub>4</sub>ÔÇ¢ÍŚÎÒÃĩ´áÇÃîÊÓËÃÑ<sup>0</sup>à·ç;à«À  
(ÍŚᄁı»ÃĐ;ı<sup>0</sup>¢ÍŚ¾×é<sup>11</sup>/<sub>4</sub>ÔÇ)

ıÒÃà»ÀÕèÂ<sup>1</sup>ᄁèÒàËÀèÒ<sup>1</sup>Õé¨Ðà»ÀÕèÂ<sup>1</sup>μέ<sup>1</sup>ά<sup>00</sup>à·ç;à«À·Õè;ÓË<sup>1</sup>´äÇé â  
´À·ÕèᄁèÒ·Õèà»ç<sup>1</sup>ÕĲÍÀμĩ´ĐÊÍ´ᄁÁéÍŚ;Ñ<sup>0</sup>¢éı;ÓË<sup>1</sup>¢ÍŚ Direct3D  
«ÍĲμĩáÇÃĩ<sup>0</sup>ÔŚ»ÃĐàA·İÖ´μέÍŚ;ÒÃ;ÒÃ;ÓË<sup>1</sup>μÓáË<sup>1</sup>èŞà·ç;à«ÀăÇéμèÔŚËÒ;´éÇÂ  
ᄁØ<sup>3</sup>ÀÖ<sup>¾</sup>ă<sup>1</sup>;ÔÃáË´Ş<sup>1</sup>/<sub>4</sub>ÀÀÖ<sup>¾</sup>¢ÍŚáı»¾ÀÔàᄁ<sup>a</sup>N<sup>1</sup>»ÃĐàA·´ÑŚ;ÀèÔÇ·Đ´Ô¢Öé<sup>1</sup>  
ËÒ;ÁÖ;ÒÃ;ÓË<sup>1</sup>¢éÍÁÙÀà·ç;à«ÀăËÀè â  
´À»ÃÑ<sup>0</sup>á¶<sup>0</sup>àÀ×èı<sup>1</sup>ă»ÀÖÃĐËÇèÔŚÁØÁ<sup>01</sup>«éÒÂáÀĐ·Ø´ÈÙ<sup>1</sup>Âı;ÀÒŞ¢ÍŚà·ç;à«À

ãĒéâ»Ãà«Ēà«ÍÃì;ÃÒ¿Ôìãªé"Ó¹Ç¹Ē¹èÇÂ¤ÇÒÁ"ÓŒÍ\$ÃĐº.ÕèÃĐºØäÇéŒÍ\$.Õèàìç<sup>03/4</sup>×é<sup>11/4</sup>ÔÇă´é(1ì;àĒ¹×Í"ÒìµŒ´µÑé\$Ē¹èÇÂ¤ÇÒÁ"ÓŒÍ\$ìŒÃì´áĒ´\$¼Åà¾ŒÃ\$ÍÃèÒ\$à´ŒÃÇ)

**ĒÁÒÂàĒµØ:** "Ó¹Ç¹Ē¹èÇÂ¤ÇÒÁ"ŒĒÛ\$ĒØ  
´ŒÍ\$ÃĐº.Õè¹ŒÃŒãªéĒÃéÒ\$¾×é<sup>11/4</sup>ŒÇĒŒÃŒÃŒ¤ŒÓ¹Ç³ă´é"Œì;"Ó¹Ç¹ RAM  
·ŒèµŒ´µÑé\$ÍÃŒUèã¹à¤Ã×èÍ\$¤ÍÃ¾ŒÇàµÍÃìŒÍ\$¤Ø³ ĀŒè\$µŒ´µÑé\$ RAM  
äÇéÃŒŒì;à·èŒã´ ¯èŒ·ŒèĒŒÃŒŒŒŒŒãªéă´é"ĐÃŒŒìŒŒŒé¹à·èŒ¹Ñé¹

¤èŒ¹Œé"ĐãªéìÑº;ŒÃì´ì;ŒÃáĒ´\$¼Å PCI à·èŒ¹Ñé¹ (ĒÃ×Íì;ŒÃì´ì;ŒÃáĒ´\$¼Å AGP  
·Œèãªéã¹âĒÃ´·Œèãªé\$Œ¹ă´éìÑº PCI)

àÀ×Í;µÑÇàÀ×Í;¹Õéà¾×èÍÂ;àÀÔ;ÿÒÃ«ÔŜâµÃä¹«ìá¹ÇµÑéŜ  
·ÓãËéáË´§ÀÒ¾ä»ÂÑ§Ë¹éÒ´Íä´é·Ñ¹·Õâ  
´ÂäÀèµéÍ§ÃíãËéÁÔ;ÒÃ«ÔŜâµÃä¹«ìÀÒ¾ã¹á¹ÇµÑé§;ÃÑºä»·Õè´ÍÀÒ¾  
áÀÐªèÇÃãËéÍÑµÃÔ;ÒÃáË´§¼ÃËÛ§;ÇèÒÍÑµÃÔ;ÒÃÃÔà¿ÃªÇÍ§´ÍÀÒ¾  
áµèÍÒ´Ëè§¼Ã;ÃÐ·µèíµØ³ÀÒ¾ÇÍ§ÀÒ¾ä´é



¡ÒÃÄ'ÃÍÃËÃÑ¡à»¹à.ª¹Ôª.Õèãªéã¹¡ÒÃÄ' "àÊé¹¢ÃØ¢ÃÐ"

«Oë§°O§¤ANe§“Đ»AO┘ ¢Oe¹μOA¢┐°¢┐§AO¾ 3D EOEA  
¤Ø³ÈÒÀÒÃ┐àÅ×Íjǎ́éμNé§áμèjÒÃÅ°ÃÍÀËÂÑjÍjǎ́ÈëËÁ

`ä»¹¶ŒàÄx|ãĒéAOˆO¹Ç¹AIAĒAN;ă´éEUŞEØ

ãªéµÑÇàÀ×Í;¹Õéã¹;ÒÃÀ  
´ÁÍÄËÃÑ;ã¹áÍ»¾¼ÀÕàªªÑ¹.ÕèäÁèÊÒÁÒÃ¶ãªéªØ³ÊÁºÑµÔ¹Õéä´éâ´ÂµÃ§  
ªØ³ªÇÃãªéµÑÇàÀ×Í;¹ÕéÍÂèÒ§ÃÐÃÑ´ÃÐÇÑ§ â»Ã  
´.ÃÖºÇèÖºÕ§áÍ»¾¼ÀÕàªªÑ¹«Òè§äÁèÊÒÁÒÃ¶ãªéà.ª¹Ôª¹Õéä  
´éÍÖ´.ÕãËéäÁèÊÒÁÒÃ¶áÊ´§¼¼Ãä´éÍÂèÒ§àËÄÖÐÉÁ ËÃ×ÍÍÖ´àÃ¹à´ÍÃìÀÒ¾¼¼Ô´»µÔ  
ãËé»Ô´µÑÇàÀ×Í;¹ÕéÊÖ;ªØ³¾¼º»ÑËÒã¹;ÒÃáÊ  
´§¼¼Ãà;ÄËÃ×ÍáÍ»¾¼ÀÕàªªÑ¹«Òè§äÁèÊÒÁÒÃ¶ãªéà.ª¹Ôª;ÒÃÃ´ÃÍÃËÃÑ;ä´é

μÑÇàÀ×í;¹Öéãªé;ÓĚ¹  
´;ÖÄàμÃÖÄÄ´´Ó¹Ç¹à;ÃÁϕÍ§«Ö¾ÖÂÛ;èÍ¹.Öè´Ð»ÃÐÁÇÅ¼ÅàÁ×èÍªØ³àÅÔ;ãªé;ÒÃ«Ô  
§âªÃä¹«ìã¹á¹ÇμÑés  
ã¹ºÒ§;Ã³Ö ÂÔè§ÁÖ´´Ó¹Ç¹à;ÃÁ·ÖèÁÖÍÂÛèÁÔ;ϕÖé¹à·èÖã´ "input lag"  
ÍÒ´´μÍºĚ¹Í§μèÍÍØ»;;Ã³;μèÒ§æ àªè¹ ´´ÍÂĚμÔê; à;Áá¾´ ĚÃ×Íá»é¹¾ÖÁ¾ìã´ é´ÖϕÖé¹  
ãĚéÁ´ªèÒ¹ÖéÅ§ĚÒ;¾ºÇèÒ;ÒÃμÍºĚ¹Í§μèÍÍØ»;;Ã³;μèÒ§æ  
·Öèàª×èÍÁμèÍÍÂÛè;ÑºàªÃ×èÍ§ªÍÁ¾ÔÇàμÍÂìà»ç¹ä»ÍÂèÒ§ÅèÒªéÒÁÔ;ã¹ϕ³Ð·ÖèªØ³à  
Åè¹à;Á

ªèÇÃãĚéá´ÃàÇÍÃìĚÒÁÒÃ¶ãªéâ»ÃájÃÁĚèÇ¹ŦÂÒÂ OpenGL **GL\_KTX\_buffer\_region**  
ă´é

µÑÇàĀ×Íj¹ŦéªèÇÃà¾ŦèÁ»ÃĐĚŦ·ŦÀŦ¾ŦÍſâ»ÃájÃÁ·ŦèªªéĚĚéŦſâÁà´Ā 3D  
·ŦèĚ¹ÑºĚ¹Ŧ¹jŦĀ·ŦſŦ¹ĀèÇÁjÑºĚèÇ¹ŦÂŦ¹Ŧé

ªèÇÂãĚéÊÒÁÒÃ¶ãªéĚ¹èÇÂªÇÒÁ¨ÓÊÓĚÃÑªáĚ´S¼Å¨Ò;Ě¹èÇÂªÇÒÁ¨ÓĚÃÑ;ă´é  
àÁ×èÍ;ÓĚ¹´ãĚéãªéSÒ¹ĚèÇ¹ÇĀÒĀ GL\_KTX\_buffer\_region  
ÍĀèÒSăÃ;çµÒÁ ĚÒ;Ě¹èÇÂªÇÒÁ¨Ó;ÒÃáĚ´S¼ÅĚÃÑ;ÁŎ¹éÍĀ;ÇèÒ 8 àÁ;Đă°µì  
ªØ³¨ĐãªéSÒ¹â»Ãá;ĀĀĚèÇ¹ÇĀÒĀ¨ÍáĚ´S¼ÅªÙèăĀèă´é  
;ÒÃµÑéSªèÒ¹Ŏé¨ĐăĀèĀŎ¼ÅĚÒ;ăĀèă´éãªéSÒ¹µÑÇàĀ×Í; "Enable buffer region extension"  
(ãªéSÒ¹ĚèÇ¹ÇĀÒĀ¾×é¹·ŎèÇÍSºÑ¿à¿ÍĀì)

ıÖÃıÓĚ<sup>1</sup>ˆãĚéã<sup>a</sup>é¿ÔÂàμÍÃî fast linear-mipmap-linear  
ˆĐ<sup>a</sup>èÇÂà<sup>3</sup>/<sub>4</sub>ÔèÁ»ĂĐĚÔˆ,ÔÀÔ<sup>3</sup>/<sub>4</sub>¢ÍŚáÍ»<sup>3</sup>/<sub>4</sub>ĂÔà<sup>a</sup>Ń<sup>1</sup> áμè<sup>a</sup>Ø<sup>3</sup>ÀÔ<sup>3</sup>/<sub>4</sub>¢ÍŚÀÔ<sup>3</sup>/<sub>4</sub>ÍÔˆˆĂˆĂŚ  
ã<sup>1</sup>ĚĂÔÂæıĂ<sup>3</sup>Ŏ<sup>3</sup>Ø<sup>3</sup>ÀÔ<sup>3</sup>/<sub>4</sub>¢ÍŚÀÔ<sup>3</sup>/<sub>4</sub>ˆĐĂˆĂśĂèĂÔı<sup>1</sup>ŃıˆŃŚ<sup>1</sup>Ńé<sup>1</sup><sup>a</sup>Ø<sup>3</sup>ˆÖŚ<sup>a</sup>ÇĂÓĚ<sup>1</sup>  
ˆãĚéã<sup>a</sup>éŚÔ<sup>1</sup><sup>a</sup>Ø<sup>3</sup>ĚĂ<sup>0</sup>ŃμÔ<sup>1</sup>Ŏéà<sup>3</sup>/<sub>4</sub>×èÍãĚé»ĂĐĚÔˆ,ÔÀÔ<sup>3</sup>/<sub>4</sub>à<sup>3</sup>/<sub>4</sub>ÔèÁ¢Öé<sup>1</sup>

μÑÇàÅ×Í;1ÕéªèÇÂãËé OpenGL ÊÒÁÒÃ¶ãªé;ÒÃ·Ó¿ÔÅμÍÃì Anisotropic  
à¾×èíà¾ÔèÅ∅³ÅÒ¾¶Í§ÅÒ¾

ãĖĖàĀ×ÍĵμÑÇàĀ×Íĵ¹ŎĖà¾×èÍĀĵàĀÔĵĵÒÃãªĖä´ÃàÇÍÃiĖÓĖĀÑªø  
´ªÓĖÑĕ§¾ŎàĖĖ¢İ§«Ŏ¾ŎĀU

«Ŏ¾ŎĀUºŎ§»ÃĐàÀ·Ė¹ÑºĖ¹ø¹ªø´ªÓĖÑĕ§ 3D «Ŏĕ§ãªĖä  
´ĖĵÑªâ»Ãà«Ėà«ÍĀĵĀŎ¿Ŏĵ NVIDIA ¢İ§ªø³

áÃĐà¾ŎĖĀ»ÃĐĖŎ·ŎĀŎ¾ãĖĖàĵĀĖĀ×ÍĀ»ÃáĵÃĀáÍ»¾ĀŎàªªÑ¹ 3D  
μÑÇàĀ×Íĵ¹ŎĖªĕÇĀãĖĖªø³ĖŎĀŎĀ¶ĖÑĕ§ĀĵàĀÔĵĵŎÃãªĖªø´ªÓĖÑĕ§ 3D

¾ŎŎàĖĖĖàĖĀĖŎ¹ŎĖã¹ä´ÃàÇÍÃi  
«Ŏĕ§ĀŎ»ÃĐâĀª¹ĩ¹ĵŎĀà»ĀŎĀª·ŎĀº»ÃĐĖŎ·ŎĀŎ¾ĖĀ×ÍăªĖã¹ĵŎÃáĵĖ»ÑĖŎ



μÑÇàÀ×Í;àĚĀèÒ¹Œé¨Đ;ÓĚ¹; òĀĀ´ĀĬĀĚĀÑ;áºàμçÁĚ¹éÒ´Í ÊÓĚĀÑºà▯Ā×èİŒ·Œèãªéä  
´ĀàÇĬĀì OpenGL ;òĀĀ  
´ĀĬĀĚĀÑ;à»ç¹à·▯¹Œ▯·Œèãªéã¹;òĀáμèŒçÍ°çÍŒÍ°à¨;μĭãĚĚàĀŒĀºà¾×èĬĀ´  
"àĚé¹çĀøçĀĐ" «ŒèŒ»ĀŒ;\_ãĚĚàĚç¹ã¹ºŒŒ▯ĀÑéŒ ÇŒ\_Œ;ŒĀáĚ´Œ¼Āáºº 1.5 x 1.5  
ĚŒĀŒĀ¶Ā´ĀĬĀĚĀÑ;çÍŒĀŒ¾ä´éĬĀèŒŒ´ŒàĀŒèĀĀ ç³Đ·Œèáºº 2 x 2 ¨Đ·ŒãĚĚĀŒ¾·Œèä  
´éĀŒ▯ø³ĀŒ¾ĀĬ´àĀŒèĀĀ

ă´ÃàÇÍÃì´´ĐÊÒÁÒÃ¶àíç;«ì»ÍÃìµÃÙ»á<sup>003/4</sup>Ô;à«Å¢Í§ÊàµíÃÔâíă´é àÁ×èíă<sup>a</sup>émÑÇàÅ×í;¹Öé  
â»Ãá;ÃÁ OpenGL ´Đă<sup>a</sup>éÊàµíÃÔâíáÅĐàÅ¹ÊìªÑµàµíÃì¢Í§ÊàµíÃÔâíă´é

ă´ÃàÇÍÃì`Đàlç;«ì»ÍÃìµÃÙ»á<sup>003</sup>/<sub>4</sub>Ô;à«Ãà<sup>3</sup>/<sub>4</sub>×èÍ;ÒÃ«éÍ<sup>1</sup>ÀÒ<sup>3</sup>/<sub>4</sub> à<sup>3</sup>/<sub>4</sub>×èÍãĚéâ»ÃÁ;ÃÁ OpenGL  
ã<sup>a</sup>é⌘Ø<sup>3</sup>ÊÁ°ÑµÔ;ÒÃ«éÍ<sup>1</sup>ÀÒ<sup>3</sup>/<sub>4</sub>ă´é

μÑÇàÅ×Í;¹ÖéªèÇÃãĚé OpenGL ÊÒÁÒÃ¶ãªé;ÒÃ·Ó¿ÔÅàμÍÃì Anisotropic  
à¾×èÍà¾ÔèÁªØ³ÀÒ¾¿Í§ÀÒ¾ â»Ã´ÊÑ§à;μÇèÒ;ÒÃãªé§Ò¹ªØ³ÊÁ°ÑμÔ¹Öé  
“ĐªèÇÃãĚéªØ³ÀÒ¾¿Í§ÀÒ¾à¾ÔèÁ¿Öé¹â´Á»ÃĐÊÔ·,ÔÀÒ¾;ÒÃ·Ó§Ò¹ăÁèÁ´Å§

àÁ×èí;ÓË¹`ãËéä´ÃàÇÍÃ` OpenGL ``Ñ´ÊÃÃºÑ¿à¿ÍÃ`éÒ¹ËÃÑ\$áÃÐºÑ¿à¿ÍÃìáÊ´\$ÀÒ¾ 3  
ÁÔµÔäÇé·ÕèÃÐ´ÑºÇÒÁÃÐàÍÕÂ´¢Í\$;ÒÃáÊ´\$¼ÃÃÐ´Ñºà´ÕÂÇ;Ñ¹

ÇÔ,Õ;ÒÃ¹Õé`Ðă´é¼ÃÃÔè\$¢Öé¹ËÒ;ãªéË¹èÇÂÇÒÁ`Ó;ÒÃáÊ  
´\$¼Ã¢Í\$â»ÃájÃÁ«Öè\$ÁÕËÃÒÃË¹éÒµèÒ\$

ËÒ;Ç³ăÁèãªé\$Ò¹ă´ÃàÇÍÃ` OpenGL ãËé`Ñ´ÊÃÃºÑ¿à¿ÍÃ`ÊèÇ¹ËÃÑ\$áÃÐºÑ¿à¿ÍÃìáÊ  
´\$ÀÒ¾ 3 ÁÔµÔäÇé´éÇÂ;Ñ¹ă¹·Ø;Ë¹éÒµèÒ\$.ÕèáÍ»¾ÃÔàªÑ¹¹Ñé¹ÊÃéÒ\$¢Öé¹

Ç³ÊÁºÑµÔ¹Õé`ÐªèÇÂà¾ÔèÁ»ÃÐÊÔ·ÔÀÒ¾¢Í\$â»ÃájÃÁ OpenGL  
«Öè\$ãªéË¹éÒµèÒ\$ËÃÒÃË¹éÒµèÒ\$¾ÃéÍÁ;Ñ¹

μÑé\$▯èÒãĚé|Ñ°â»Ãá;ÃÁ OpenGL ·ÖèàÅ×Í;äÇéà¾×èíãĚéâ»Ãá;ÃÁ·Ó\$Ò¹ă´é¼Å  
´Œ·ŒèÊØ´

µÑÇàÅ×Í;¹Õéãªé;ÓË¹´ÇèÒ¾×é¹¼ÔÇ·ÕèÁÕÃÐ´ÑºÊÕ¹Ñé¹æ  
´Ð¹ÓÁÕõªéã¹â»Ãá;ÃÁÁÍ»¾ÅÔàªÑ¹ OpenGL ËÃ×ÍäÁè

µÑÇàÅ×Í; **Use desktop color depth** ´ÐªªéªÇÒÁà¢éÁ¢Í§ÊÕà´ÕÃÇ;Ñºà  
´Ê;ì·Í»¢Í§ÇÕ¹â´ÇÊì

µÑÇàÅ×Í; **Always use 16 bpp** áÅÐ **Always use 32 bpp** à»Ç¹;ÒÃ;ÓË¹  
ªÊéªªªé¾×é¹¼ÔÇµÕÁÃÐ´ÑºÊÕ·Õè;ÓË¹´ªÇé â  
´ÃäÁèªÓ¹Õ§¶Õ§ªèÕ·ÕèµÑé§äÇé·Õèà´Ê;ì·Í»

μÑÇàÅ×Í;¹ÕéãªéÃÐ°ØâĚÁ´;ÒÃ·Ó§Ò¹ buffer flipping  
ãĚé·Ó§Ò¹áººàμçÅĚ¹éÖ´ÍϕÍ\$áÍ»¾ÅÖàªªÑ¹ OpenGL

â´ÂªØ³ÊÒÁÒÃ¶àÅ×Í;ãªéÇÔ Õ¶èÒÂâÍ¹ϕéÍÁÙÁáººÅçÍª (Block Transfer) à¾´¿ÅÔ»  
(Page Flip) ĚÃ×ÍàÅ×Í;ÍÑμâ¹ÃÑμÖ (Auto-select) ;çä´é  
μÑÇàÅ×Í;àÅ×Í;ÍÑμâ¹ÃÑμÖ´Ð·ÔãĚéâ´ÃàÇÍÃìàÅ×Í;ãªéÇÔ,Õ·Õè´Õ·ÕèÊØ  
μÔÁªèÖªÍ¹¿Ôà;ìàÃªÑ¹ϕÍ\$ÍÔÃì´áÇÃì



µÑÇàÅ×í;¹Õéãªé;ÓĚ¹; òÃ«ÔŞâªÃä¹«ìá¹ÇµÑéŞã¹â»Ãá;ÃÁ OpenGL

**Always Off** ¨ĐăÁèãªé; òÃ«ÔŞâªÃä¹«ìá¹ÇµÑéŞ¢ÍŞáí»¾ÅÔàªªÑ¹ OpenGL ·ÑéŞĚÁ

**Off by default** ¨ĐăÁèãªé; òÃ«ÔŞâªÃä¹«ìá¹ÇµÑéŞ  
¨¹;ÇèÒ¨ĐÁÔâ»Ãá;ÃÁáí»¾ÅÔàªªÑ¹ă àÃÔÂ;ăªé

**On by default** ¨Đăªé; òÃ«ÔŞâªÃä¹«ìá¹ÇµÑéŞà»ç¹ªèÒ  
´Ô;ÍÁµì¨¹;ÇèÒ¨ĐÁÔâ»Ãá;ÃÁáí»¾ÅÔàªªÑ¹. ŐèăÁèµéÍŞ; òÃăªéŞÒ¹  
¨ÖŞ¨ĐàÅÔ;ăªé; òÃ«ÔŞâªÃä¹«ì¹Őé

ãĖé°Ñ¹.ÖïjÒÃµÑé§ðèÒà»ç¹ "ÃÙ»áºº.ÕèjÓĖ¹´àÍ§" àÁ×èÍ°Ñ¹.ÖïjÒÃµÑé§ðèÒáÁéÇ  
ÃĐºº·Đ¹ÓðèÒ¹Ñé¹ă»à»ç¹ÃŒÂjÒÃµèÍ·éÒÃŒÒÃjÒÃà´ÔÁ·ÕèÁŒÍÂÙè  
ĖÃÑ§·ÒjµØ³ă´éjÒÃµÑé§ðèÒ·Õè´Œ·ÕèĖØ´ĖÓĖÃÑºáÍ»¾ĀŒàµªÑ¹ OpenGL áÁéÇ  
jŒÃ°Ñ¹.ÖïjÒÃµÑé§ðèÒ¹Ñé¹ăÇé·ĐªèÇÃăĖéµØ³ĖŒŒŒµÑé§ðèŒÍ¹¿Œj OpenGL ä  
´éÍÂèŒ§ÃÇ´àÃçÇjèÍ¹.Œè·ĐàÃŒèÃăªéâ»ÁájÃÃ â  
´ÃăÃèµéÍ§µÑé§ðèŒµÑÇàÃ×ÍjµèŒ§æ ãĖĖè·ØjµÃÑé§

¡ÒÃã<sup>a</sup>éá¶<sup>o</sup>àÀ×éí<sup>1a</sup>èÇÃãËé<sup>ø3</sup>»ÃÑ<sup>o</sup>ÇÒÁÊÇèÒS ¢ÇÒÁ¢Á<sup>a</sup>Ñ<sup>r</sup>  
ËÃ×í<sup>è</sup>Òóá¡ÁÁÒÇíSá<sup>a1</sup>à<sup>1</sup>ÃËÕ.ÕèàÀ×íjã<sup>é</sup>

ãªé;òÃá;éä¢ÊÕà¾×el»ÃÑºÇÒÀÊÇèÒ§.Õèám;µèÒ§;Ñ¹ÃÐËÇèÒ§ÃÛ»µé¹©ºÑº;Ñºái  
 Òµì¾Øµ.ÕèàÊ'§¹ÍØ»;Ã³íáÊ'§¹¼Ã

«Ôè\$ÃÕ»ÃĐÂÂ<sup>a1</sup>ǐàÃ×èĭ.Ô\$Ô<sup>1</sup>ǐÑ<sup>0</sup>â»ÃǎǐÃÃ»ÃĐÁÇÃ<sup>1</sup>/<sub>4</sub>ÃÃÛ»ÀÒ<sup>3</sup>/<sub>4</sub> à<sup>3</sup>/<sub>4</sub>×èĭǎĒĒă  
éĒÕ.ÔèŋÛǐméĭ\$ .ÔèĒØ (ă<sup>a</sup>è<sup>1</sup> ÆÛ»ŋèÔÃ) àÃ×èĭáĒĒ \$<sup>1</sup>/<sub>4</sub>Ã<sup>01</sup>ǐǐÃ<sup>3</sup>/<sub>4</sub>ÔÇàǐĬĬ

1Ĵ"Ō;1Ōē à;Á 3D ĒÀŌÂà;Á"ĐÁŌ;ŌĂăĒ'Œ¼Ĺ.Ōēēēē1ĈēŌŒÁ×  
;ŌĂà¼ŌēÀēēŌēÇŌÁĒĈēŌŒăĀĐ/ĒĂ×ĹēēŌá;ĀĀŌă<sup>a1</sup>à1ĂĒŌ.ŊēŒĒĀ  
"ĐăēÇĀăĒĒēĀŌ¼ă<sup>1</sup>à;ĀĒÇēŌŒĈŌē<sup>1</sup>ēŌ<sup>3</sup>.ŌŒĒŌĀŌĀŊăĀă<sup>1</sup>à;Āă'é'ŌĈŌē<sup>1</sup>

ⱡØ³ÊÒÁÒÃ¶àÅ×Í¡á¹à¹ÅÊÕä´éâ´Âãªéá¶ºàÅ×èÍ¹·Ñé§ÂÑ§ÊÒÁÒÃ¶»ÃÑºá¹à¹ÅÊÕä´§  
ÊÕà¢ÕÂÇ ÊÃ×ÍÊÕ¹éÓà§Õ¹ä´éâ´ÂµÃ§ ÊÃ×Í»ÃÑº·Ñé§ 3 á¹à¹Å¾⁄₄ÃéÍÁæ ¡Ñ¹¡çä´é

Digital Vibrance · ÓãĚé¤Ø³ÊÒÁÒÃ¶Çº¤ØÁ;ÒÃáÂĵÊÕáÅĐ¤ÇÒÁà¢éÁ¢í§ÊÕă  
´éAÔĵ¢Öé¹ «Öè§Êè§¼ÅãĚéAÒ¾ă¹ái»¾ÅÔà¤Ñ¹.Ñé§ĚÁ´ÁÕÊÕ·Õè¤ÁªÑ´ÂÔè§¢Öé¹

jÃÒ¿áÊ´§ªèÇ§ÊÕ àÊé¹âªé§¹Õé´´ĐáÊ  
´§¼¼ĀjŌĀà»ĀŌèĀ¹á»Ā§·Ñ¹·Ō·ŌèªØ³»ÃÑºªèÒªÇÒÁªÁªÑ´ªÇÒÁÊÇèÒ§  
ĒÃ×ÍªèÒájĀĀÒ

jÒÃàÅ×ÍjµÑÇàÅ×Íj¹Õé¨Ð·ÓãËéÃÐººãªéjÒÃµÑé§ªèÒ·ÕèªØ³jÓË¹  
´äÇé¢³ÐºÙµªªÃ×èl§â´ÁlÑµâ¹AÑµÔ

ËÁÒÂàËµØ:

ËÒjªªÃ×èl§ªÍÁ¾ÔÇàµlÃì¢l§ªØ³·Ó§Ò¹lÂÙèã¹à¹çµàÇÔÃìj ÊÕ¨Ðà»ÃÕèÂ¹á»Ã§ä  
»ËÃÑ§¨Òjã´éÅçljl¹ã¢éÒËÙèÇÔ¹â´ÇËiáÁéÇ

ÃÒÂ¿ÒÃ¿ÒÃµÑé\$µèÒ·Õè¤Ø<sup>30</sup>Ñ<sup>1</sup>·Ö¿äÇé  
ãĚéàÅ×Í¿µÑÇàÅ×Í¿·Ö¿ÃÒÂ¿ÒÃà<sup>3</sup>/<sub>4</sub>×èĭã<sup>a</sup>é\$Ò<sup>1</sup>¿ÒÃµÑé\$µèÒ<sup>1</sup>Õé



⌘Ø³ÊÒÁÒÃŦ°Ñ¹.Ö;ÿÒÃµÑé\$⌘èÒÊÕ»Ñ´´Ø°Ñ¹äÇéà»ç¹ÃÙ»áºº.Õè;ÓĚ¹´àÍšă´é  
;ÒÃµÑé\$⌘èÖ.Õè°Ñ¹.Ö;äÇé¹Õé´Đà¾₄ÔèÁÅšă¹ÃÒÃ;ÖÃ.ÕèÍÃÙèŦÑ´ă»

Å°ÃÒÂ¿ÒÃ¿ÒÃµÑé\$ðèÒÊÕ·Õèä´éàÅ×Í¿äÇé¨Ò¿ÃÒÂ¿ÒÃ

àÃÕÂ¡¢éíÁÙÅæèÒÊÕ¢í§æèÒÎÒÃĩ´áÇÃì·ÕèµÑé§ÁÒ¨Ò¡âÃ§§Ò¹

ãªéàÀ×ÍjâĚÁ´ä·ÁìÁÔè\$¢Í\$´´ÍÀÒ¾₄:

**Auto-Detect** ãĚéÇÔ¹â´ÇÊìÃÑºªèÒ·ÕèàĚÁÒÐĚÁ´Òj´´ÍáĚ´\$¼₄ÀàÍ\$

«Õè\$µÑÇàÀ×Íj¹Õé´´Ðãªéà»ç¹ªèÒ´ÕĴÍÀµì â»Ã

´·ÃÔºÇèÒ´´ÍÀÒ¾₄ÃØè¹àjèÒºÕ\$ÃØè¹ÍÔ´´ãÁèĚÔÁÒÃ¶¶ãªéªØ³ĚÁºÑµÔ¹Õéä´é

**General Timing Formula** ĚÃ×Í **GTF** à»ç¹ÁÒµÃºÒ¹·ÕèãªéjÑº´´ÍÀÒ¾₄ÃØè¹ãĚÁè

**Discrete Monitor Timings** ĚÃ×Í **DMT**

à»ç¹ÁÒµÃºÒ¹ÃØè¹àjèÒ·ÕèÃÑ\$ª\$ãªéã¹´´ÍÀÒ¾₄ºÒ\$»ÃÐàÀ·

ãĚéãªé\$Ô¹µÑÇàÀ×Íj¹ÕéĚÔj´´ÍÀÒ¾₄¢Í\$ªØ³µéÍ\$ãªéâĚÁ´ DMT

à¾ÔèÁăÍ¹ NVIDIA QuickTweak äÇé·Õè·ÒÊìºÒÃìŒİŞÇÔ¹â´ÇÊì  
ăÍ¹¹¹Õé`ĐăĚéø³ăéèÒ Direct3D, OpenGL ĚÃ×íèÒĚÕ·Õèø³μÑéŞèÒàİŞ "ă  
´éÍĀèÒŞĀÇ´àĀçÇ" ``Ö;àÁ¹Ù»êÍ»ÍÑ» ¹İj`Öj¹Õé  
àÁ¹Ù¹ÕéĀÑŞĀŌĀŌĀ;ŌĀĚŌĚĀÑºăéèŌ´ŌĴÍĀμiáĀĐàĀŌĀ;ăéă´ÍĐĀçİjºçİj«ì  
'Display Properties'

⌘⌘³ÊÒÁÒÃ¶àÀ×Í;äÍ⌘Í¹ÊÓËÃÑºãªéá.¹ÂÙ·ÔÅÔμÕ QuickTweak ¹¹.ÒÊììºÒÃì¢Í§ÇÔ¹â  
´ÇÊìà´é

ãËéàÀ×Í;äÍ⌘Í¹.Õèμεί§;ÒÃάÊ´§¨Ò;ÃÒÂ;ÒÃ¨Ò;¹Ñέ¹ ⌘ÅÔ; "OK" ËÃ×Í "Apply"  
à¾×èÍÎÑ»à´μäÍ⌘Í¹¹¹.ÔÊììºÒÃì

àÀ×Í;â»Ãá;ÃÁ;ÒÃ"Ñ´;ÒÃà´Ê;ì·Í»£Í§ NVIDIA

â»Ãá;ÃÁ"Ñ´;ÒÃà´Ê;ì·Í»£Í§ NVIDIA

"Đ<sup>a</sup>èÇÂà<sup>3</sup>/<sub>4</sub>ÔèÁ¿Ñ§;ì<sup>a</sup>Ñ<sup>1</sup>;ÒÃ·Ó§Ò<sup>1</sup>ÎÂèÒ§ÁÕ»ÃĐÊÔ·ÔÀÒ<sup>3</sup>/<sub>4</sub>ÁÒ;ÂÔè§£Öé<sup>1</sup> à<sup>a</sup>è<sup>1</sup>  
ÎÎµ<sup>µ</sup>ÔÂ;ÒÃ"Ñ´;ÒÃÇÔ<sup>1</sup>â Çì, ;ÒÂ;ÔÊ<sup>1</sup>´µÓáÊ<sup>1</sup>è§;Ôè§;ÂÒ§ăÊé;Ñ<sup>0</sup>ă ÍĐÂçÍ;°çÍ;«ì  
áÃĐ;ÒÃ«UÁ àÀ×èÍ<sup>µ</sup>Ø<sup>3</sup>ăăé;ÒÃ;ÔÊ<sup>1</sup>´µèÔ<sup>µ</sup>Í<sup>1</sup>¿Ôà;Ìà<sup>a</sup>Ñ<sup>1</sup>ăÊé;Ñ<sup>0</sup>ÊÂÔÂ"ÍÂÒ<sup>3</sup>/<sub>4</sub>  
â»Ãá;ÃÁ"Ñ´;ÒÃà´Ê;ì·Í»"ĐÊ<sup>1</sup>Ñ<sup>0</sup>Ê<sup>1</sup>Ø<sup>1</sup>;ÒÃ·Ó§Ò<sup>1</sup>£Í§à´Ê;ì·Í»ÊÂÔÂà´Ê;ì·Í»  
à<sup>3</sup>/<sub>4</sub>×èÍ<sup>a</sup>èÇÂăÊé<sup>µ</sup>Ø<sup>3</sup>´Ñ´;ÒÃ<sup>3</sup>/<sub>4</sub>×é<sup>1</sup>·Ôè·Ó§Ò<sup>1</sup>ă<sup>1</sup>ă»Ãá;ÃÁă´é´ÔÂÔè§£Öé<sup>1</sup>

à»Ô´ä´ÍĐĀçÍj;ÒĀjÓĚ¹´²èÒ²Í¹¿ÔàjÍàĀªÑ¹ŦÍŦâ»ĀájĀĀ´Ñ´j;ÒĀà´Êj·Í»ŦÍŦ NVIDIA  
ä´ÍĐĀçÍj;ÒĀjÓĚ¹´²èÒ²Í¹¿ÔàjÍàĀªÑ¹ă¹â»ĀájĀĀ´Ñ´j;ÒĀà  
´Êj·Í»´Đ²Çº²ØÁ¿ŦŦjªÑ¹áĀĐ²èÒ·ŦésĚÁ´ă¹â»ĀájĀĀ´Ñ´j;ÒĀà´Êj·Í»  
ÍĀèÒŦàªè¹µŦÇàĀ×Íj;ÒĀjÓĚ¹´µÓáĚ¹èŦj;ÒèŦjĀÒŦŦÍŦă´ÍĐĀçÍjºçÍj«ìj;ÒĀàĀ×ÍjĪÍµ²ŦĀì  
áĀĐ²èÒj;ÒĀ´Ñ´j;ÒĀâ»ĀájĀĀ



»Ô´ă´ÍĐĂçÍ;°çÍ;«ì¹ŒéáĂĐ°Ŧ¹·Ö;î;ÒĂà»ĂŒèĀ¹á»ĂŒăÇé  
áµè;ÒĂà»ĂŒèĀ¹á»ĂŒ·ĐÁŒ¼ĂĒĀŦŒ·Œ;▯Ø³▯ĂŒ; "ŒK" ĒĂ×Í "Apply" ã¹ă  
´ÍĐĂçÍ; "Additional Properties"

ãĚé∅³;ÓĚ¹ÇèÒĐăé»ØèÁã  
´ϕÍšàÁÒĚîàÃŒÂjàÁ¹ÙàÁ×èÍÁŒîÒÃ∅ÂŒî·ŒèăÍ∅¹¹¹.ÒĚîºŒÃî

à»Ô´ËÃ×Í»Ô´¢éÍ⌘ÇÒÁÂ×¹ÂÑ¹

àªç⌘µÑÇàÂ×Í¹Õé ËÒ;⌘Ø³äÀèµéÍ§;ÒÃãËéáÊ´§¢éÍ⌘ÇÒÁÂ×¹ÂÑ¹.Ø;⌘ÃÑés.ÕèâËÂ  
´⌘Í¹¿Òà;ÌàÃªÑ¹ 3D ¨Ò;àÁ¹Û.ÒË;ìºÒÃì

àÅ×íµÑÇàÅ×í¹Õé ĚÒᵢᵐØ³µéÍ§ᵢÒÃáÊ´§¼₄ÅàÁ¹Ù·ÒÊᵢᵐÒÃĩ´éÇÂàÍçàçᵢµᵢ 3D

μÑÇàÅ×í;¹Öéãªé;ÓĚ¹μÓáĚ¹è§;ÒÃáĚ´§ÀÒ¾¹·Íá¹ àÁ×èÍ·Ó§Ò¹·Öè¤ÇÒÁÅĐàÍÕÂ  
´μèÕ;ÇèÒ¤ÇÒÁÅĐàÍÕÂ´ËÛ§ËØ´·ÖèÊÒÁÒÃ¶ãªéä´é

ã<sup>a</sup>é»ØèÁÅÙ;ÈÃà<sup>3⁄4</sup>×èÍ»ÃÑ<sup>o</sup>μÓáĚ<sup>1</sup>è§ŒÍ§<sup>3⁄4</sup>×é<sup>1</sup>.Œèà´Êì·Í»<sup>o1</sup>·ÍáÊ´§<sup>1⁄4</sup>Å

ÃÕà«çµðèÒà´Êì·Í»à¾×èÍãªé´Õ¿ÍÀµì¢Í§ðèÒðÇÒÁÅÐàÍÕÂ  
´áÅÐÍÑµÃÒ¿ÒÃÃÕà¿Ãª»Ñ´´Ø°N¹

μÑÇàÅ×íjàËÄèÒ¹Õéãªé;ÓË¹´»ÃĐàÀ·ϕÍ§ÍØ»ıÃ³ıáÊ´§¼⁄Å (´ÍÀÒ¾ ´Íá¹ ËÃ×ía·Ã·ÑÈı̂ â  
ĤϕÖé¹ÍÄUè;ÑºÍØ»ıÃ³ı·Öè;ÖÃı´ÍÊ¹ÑºÊ¹Ø¹)



à»Ô´Ě¹éÒµèÒ§·Œè∅³ÊÒÁÒÃ¶»ÃÑºáµè§∅èÒă´éĭÑº´ÍáÊ´§¼⁄₄Å·Œèăªé§Ò¹ÍÂÙè

ÃĐ°ØÃÙ»á°áÃĐ»ÃĐà·È·Õèãªé;ÒÃáÊ´§¼Å·Ò§â·Ã·ÑÈ¹ì

à»Ô´Ě<sup>1</sup>éÒµèÒ§·Œè∅<sup>3</sup>µéí§;ÒÃÃĐ°ŒÃÙ»á<sup>oo</sup>àíÒµì¾∅µϕí§â·Ã·ÑĚ<sup>1</sup>ìá<sup>oo¾</sup>ÔàĚĚ

ÃÒÂ;ÒÃ¹ÕéãªéàÅ×Í;ÃÙ»áº;ÒÃáÊ´§¼Å·Ò§â·Ã·ÑÈ¹µÒÁ»ÃĐà·È·Õè⌘Ø³ÍÂÙèÍÒÈÑÂ  
ËÁÒÂaËµØ:       ËÒ;»ÃĐà·È·Õè⌘Ø³ÍÂÙèäÁè»ÃÒ;┐ÍÂÙèã¹ÃÒÂ;ÒÃ  
ãËéàÅ×Í;»ÃĐà·È·ÕèÍÂÙèã;Áé»ÃĐà·È·Õè⌘Ø³ÍÂÙèÁÒ;·ÕèÊØ´

ıÖĖ<sup>1</sup>´ăĖĖĂÛ»á<sup>oo</sup>.ŌèàĀ×Íjà»ç<sup>1</sup>ĂÛ»á<sup>oo</sup>.ŌèăăéàÁ×èlà»Ô´à▯Ă×èÍŖ  
àÁ×èlà»Ô´à▯Ă×èÍŖıÁ<sup>3</sup>/<sub>4</sub>ÔÇàıÍĂì.Ōèà<sup>a</sup>×èÍÁıèlà©<sup>3</sup>/<sub>4</sub>ÒĐâ·Ă·ŃĖ<sup>1</sup>ıàŧéÒıŃ<sup>o</sup>ıÒĂì´ıı  
ıŃÇàĀ×Íjı<sup>1</sup>Ōé<sup>a</sup>èÇĂăĖĖÁŃè<sup>1</sup>ă´ă´éÇèÒŧéı▯ÇÒÁ·ŃéŖĖÁ´.ŌèáĖ  
Ŗ<sup>o1</sup>ııĀÖ<sup>3</sup>/<sub>4</sub>ĂĐĖÇèŌŖıĂĐ<sup>o</sup>Ç<sup>1</sup>ıŌĀ<sup>o</sup>ŬııĐ»ĂŌı<sup>-o1</sup>ıă·Ă·ŃĖ<sup>1</sup>ııĂèŌŖııııéıŖ

ãªé;ÓĚ¹ª¹Ô´ϕÍŜĚÑÒ³àÍÒμì¾Øμ·ÕèÊè§¹⁄₄èÒ¹ă»ÂÑŝâ·Ã·ÑĚ¹ì  
ĚÒ;⚭Ø³ă´ éàª×èÍÁμèÍâ´ÂăªéÊÒÂà⚭à°ÔĀ·ÕèŲÙ;μéÍŝª¹Ô´ÊÑÒ³ăºº S-Video out  
“ĐăĚé⚭Ø³ĀÒ¾₄ĚŮŝ;ÇèÔĚÑÒ³Í;ăºº Composite video ĚÒ;⚭Ø³ăĀèá¹èă´à;ÕèĀÇ;ĩÑºª¹Ô  
´ϕÍŜĚÑÒ³ ãĚéàĀ×Í; **Auto-select**

ã<sup>a</sup>é»ØèÁÂÙ;ÈÃ»ÃÑ°μÓáĚ<sup>1</sup>èšà´Ê;ì·Í»<sup>01</sup>·Íâ·Ã·ÑĚ<sup>1</sup>ì

**ĚÁÒÂaĚμØ:** ĚÒ;ÀÒ<sup>3</sup>/<sub>4</sub>ã<sup>1</sup>â·Ã·ÑĚ<sup>1</sup>ìÁéÁĚ×ÍâÁèÁŎÀÒ<sup>3</sup>/<sub>4</sub>à<sup>1</sup>×èÍš<sup>·</sup>Ò;ì:ÒÃ»ÃÑ°μÑés

ãĚéÁÍ»ÃĐÁŎ<sup>3</sup> 10 ÇŎ<sup>1</sup>Ŏ·Ŏ ÀÒ<sup>3</sup>/<sub>4</sub>·Đ;ÃÑ°ÁŎáĚ´š<sup>1</sup>/<sub>4</sub>Â·Ŏè μÓáĚ<sup>1</sup>èš·Ŏèa»ç<sup>1</sup>

´Ŏ;ÍÁμ;â´ÁÍÑμâ<sup>1</sup>ÁÑμŎ

·Ò;<sup>1</sup>Ñé<sup>1</sup>μØ<sup>3</sup>ÃÑšĚŎÁŎÃ¶àÃŎèÁ·Ó;ÒÃ»ÃÑ°μÑésμèŎãĚÁèÍŎ;μÃÑés

ĚÃÑš<sup>·</sup>Ò;ìÓĚ<sup>1</sup> μÓáĚ<sup>1</sup>èšçÍšà´Ê;ì·Í»áÁéÇ μØ<sup>3</sup>μéÍšμÁŎ;·Ŏè»ØèÁ "OK"

ĚÃ×Í "Apply" à<sup>3</sup>/<sub>4</sub>×èÍ<sup>0</sup>Ñ<sup>1</sup>·Ŏ;μèŎÁŎÃã<sup>1</sup>àçÁŎ 10 ÇŎ<sup>1</sup>Ŏ·Ŏ

ÃÕà«çµà´Êì·Í»ä»ÂÑ§µÓáĚ¹è§´Œ¿ÍÅµìº¹â·Ã·ÑĚ¹ìâ´ÂãªéªÇÒÁÅĐàÍÕÂ´»Ñ´···∅ºÑ¹



ã<sup>a</sup>éµÑÇ¤Ç<sup>o</sup>¤ØÁàËÅèÒ<sup>1</sup>Õéã<sup>1</sup>¡ÒÃ»ÃÑ<sup>o</sup>¤ÇÒÁÊÇèÒ§áÅĐ¤ÇÒÁà¢éÁÊÕ¢¡§ÀÒ¾ã<sup>1</sup>â·Ã·  
ÑÉ<sup>1</sup>¡

ãªéµÑÇªÇºªØÁàËÀèÒ¹Õéã¹;ÒÃ»ÃÑºªÇÒÁÊÇèÒ§áÅĐªÇÒÁªÁªÑ  
´ϕÍ§ÀÖ¾â¹â·Ã·ÑË¹ì

ãªéµÑÇªÇºªØÁ¹Õéà¾×èÍ»ÃÑº¿ÔÀàµÍÃìÀ  
´ìÒÃÊÑè¹¢Í§ÀÒ¾·ÕèµéÍ§ìÒÃãªéìÑºã·Ã·ÑÈ¹ì  
¢Íá¹Ð¹ÓãËéªØ³»Ô´¿ÔÀàµÍÃìÀ´ìÒÃÊÑè¹¢Í§ÀÒ¾àÀ×èÍàÀè¹ÀÒ¾À¹µÃì DVD  
“ÒìÍØ»ìÃ³ì¶Í´ÃËÑÊ¢Í§ÍÒÃí´áÇÃì

ıÓĚ¹ꞑÇÒÁÅĐàÍŎÂ´¢Í§´´ÍáÊ´§¼ÅáÅĐÃĐ´ÑºÊŎă¹ıŎÃáÊ´§¼Å·Ò§´´Íâ·Ã·ÑÈ¹ı

ãªéµÑÇ¤Çº¤ØÁàĚĀèÒ¹Ōéã¹;ÒÃ»ÃÑº¤Ø³ÀÒ¾₄ŦİŞÊÑÒ³ÇÔ´ŌăİĚÃ×Í DVD ¹¹·ÍÀÒ¾₄  
¤Ø³ÊÒÁÒÃ¶¤Çº¤ØÁ¤èÒ¤ÇÒÁÊÇèÒŞ ¤ÇÒÁ¤ÁªÑ´  
¤èÒ¤ÇÒÁÍŌèĀµÑÇŦİŞÊŌà¾₄×èÍ¤Ø³ÀÒ¾₄;ŌÃăĚ´Ş¼Ā·Ōè´ŌàÁ×èÍàĀè¹ÀÒ¾₄Ā¹µĀì  
DVD ã¹à¤Ā×èÍŞ¤ÍÁ¾₄ŌÇàµÍĀì

ãË¤Ø³ÊÒÁÒÃ¶»ÃÑº¤ÇÒÁ¶ÕèÊÑÒ³¹ÒìÔ;ÒËÃÑ; áÅÐÊÑ-  
Ò³¹ÒìÔ;Ò¢Í§Ê¹èÇÂ¤ÇÔÁ¨Ò¢Í§â»Ãà«Êà«ÍÀ;ÃÔ¿Ô;¢Í§ NVIDIA ä´é

μÑέ\$⌘èÒ⌘ÇÒÁàÃçÇϕÍ\$ÊÑÒ<sup>31</sup>ÒìÔ;ÒËÅÑ;ϕÍ\$â»Ãà«Êà«ÍÃ;ÃÒ¿Ô; NVIDIA

ÃĐ°Ø¼ÇÒÁàÃçÇÊÑÒ<sup>31</sup>ÒìÔ;ÒËÃÑ;à»ç<sup>1</sup>àÁ;ĐàÎÔÃµ«ì



ıÓĚ¹ꞑÇÒÁàÃÇÊÑÒ³¹ÒìÔıÒıİİİÔ¹àıİİà¿«Ě¹èÇÂꞑÇÒÁꞑÓ¹ıÒÃı́áÊ´§¼Å

ÃĐ°Ø¤ÇÒÁàÃçÇÊÑÒ<sup>31</sup>ÒìÔ;ÒŒÍ§ÍÔ<sup>1</sup>àμíÃìà¿«Ë<sup>1</sup>èÇÂ¤ÇÒÁ¨Óà»ç<sup>1</sup>àÁ;ĐàÎÔÃμ«ì

·ÉÍ°ÇÒÁàÃÇÇÊÑÒ³¹ÒìÔ;ÒãËÁèà¾×èÍ·ÉÍ°ÇÒÁàÊ¶ÕÃ¢Í§ÃÐ°°;èÍ¹ãªé§Ò¹·ÃÔ§  
ËÁÒÂàËμØ: ¢Ø³μεί§·ÉÍ°;ÒÃμÑέ§¢èÒãËÁè«Öè§äÁèãªè¢èÒ  
´Ö¿ÍÅμì¢Í§¼Ùέ¼ÅÖμ;èÍ¹·Öè·Ðãªé¢èÒ¹Ñέ¹μΑÍ´ä»

iÒÃàÀ×ÍjμÑÇàÀ×Íi¹ÖéªèÇÃãĚéÁÑè¹ã¨¨´éÇèÒ jÒÃà»ÀÕèÂ¹¤ÇÒÁ¶ÖèĚÑ-  
Ò³¹ÒìÒjÒ¨ĐÁÕ¼₄ĀãªéŚÒ¹â´ĀÍÑμâ¹ĀÑμÔ·Øj¤ĀÑéŚ·ÕèàÃÕèĀãªéŚÒ¹ÇÔ¹â´ÇĚì

**ĚÁÒÂàĚμØ:** ¤Ø³ĚÒÁÒÃ¶¶¢éÒÁ¢Ñé¹μ¹jÒÃμÑéŚĚÑ-  
Ò³¹ÒìÒjÒìÍÑμâ¹ĀÑμÔ·Õè·ÓŚÔ¹¢³ĐàÃÕèĀμé¹ĀĐªªª´é â´ĀjÒÃi´¤ÕĀì CTRL  
¤éÒŚăÇé ¢³Đ·ÕèÇÔ¹â´ÇĚìjÓĀÑŚàÃÕèĀ·ÓŚÔ¹  
ĚÒjà¤A×èÍŚ¤ÍĀ³⁄₄ÔÇàμÍĀìªªªéÍĀμèÍĀÙèjÑªà¹çμàÇÔÃj ĩãĚéj´¤ÕĀì CTRL  
¤éÒŚăÇé·Ñ¹·Õ ĚĀÑŚ ¨¨Òjª´éĀÇÍjÍ¹à¢éÔĚÙèÇÔ¹â´ÇĚì

ÃÕà«çµÊÑÒ<sup>31</sup>ÒìÔjÒ·ÑésĚÁ´ áĀéÇăĚéÃĐ<sup>00</sup>µÃÇ·ĚíŋÒÃì  
´ăÇÃìjĀŌĴÔìjèí<sup>1</sup>·Ōè·Đă<sup>a</sup>ésŌ<sup>1</sup>µÑÇ<sup>0</sup>Ç<sup>0</sup>ØÁ·ŌèjŌĚ<sup>1</sup>´ăÇélŌj<sup>0</sup>ÃÑés  
ϕÍá<sup>1</sup>Đ<sup>1</sup>ŌăĚé<sup>0</sup>Ø<sup>3</sup>ÃÕà«çµ·Øj<sup>0</sup>ÃÑés·ŌèáĴĀ<sup>a</sup> BIOS ϕÍſjŌÃì·´Í â  
´Āă<sup>a</sup>éăĴĀìŌĀàÁ·ĚŌĚĀÑ<sup>0</sup>ĪÑ»à´µ BIOS

⌘Ø³ÊÒÁÒÃ¶àÀ×Í;âĚÁ´ nView ä´é´Ò; 4 âĚÁ´ ´Ñ§¹Ŏé

**Standard** âĚÁ´ ;ÒÃáĚ´ §¼Åá°ÁÒµÃ°Ò¹ã¹Ě¹éÒ´Íà´ ŎÂÇ ⌘Ø³ÊÒÁÒÃ¶ãªéâĚÁ´  
¹Ŏéã¹;Ã³Ŏ·ŎèÁŎÍØ»;Ã³;ÒÃáĚ´ §¼Å·ŎèµèÍ;Ñ°;ŎÃì´´Í NVIDIA à¾ŎÂ§ÍÂèŎ§à´  
ŎÂÇ

**Clone** âĚÁ´¹Ŏé´ĐăĚéÀÒ¾¹´´ÍáĚ´ §¼ÅĬ§àĚÁ×Í;Ñ°ÀÒ¾¹´´ÍáĚ´ §¼ÅĚĬÑ;

**Horizontal Span** âĚÁ´¹Ŏéãªéã¹;ÒÃŦÂÒÂà´Ê;ì·Í»ŦÍ§ÇŎ¹â´ÇÊìà»ĬÑ§´´ÍáĚ´ §¼Å 2  
Ě¹éÒ´´Íã¹á¹Ç¹;¹ă´é ã¹âĚÁ´¹Ŏé´´ÍáĚ´  
´§¼Å·Ñé§ĚÍ§´Đàª×èÍÁµèÍ;Ñ¹à»Ç¹¾×é¹·Ŏè;ÒÃáĚ´ §¼ÅŦ¹Ò´ăĚèà¾ŎÂ§´´Íà´ ŎÂÇ

**Vertical Span** âĚÁ´¹Ŏéãªéã¹;ÒÃŦÂÒÂà´Ê;ì·Í»ŦÍ§ÇŎ¹â´ÇÊìà»ĬÑ§´´ÍáĚ´ §¼Å 2  
Ě¹éÒ´´Íã¹á¹ÇµÑé§ă´é ã¹âĚÁ´¹Ŏé´´ÍáĚ´  
´§¼Å·Ñé§ĚÍ§´Đàª×èÍÁµèÍ;Ñ¹à»Ç¹¾×é¹·Ŏè;ÒÃáĚ´ §¼Å·ŎèÁŎŦ¹Ò´  
´ĚŰ§ŦŎé¹à¾ŎÂ§´´Íà´ ŎÂÇ

nView Standard äËÁ´\_iÖÃáÊ´§¼ÄÁ°ÁÒµÃ°Ò¹ã¹Ë¹éÖ´´íà´ÖÂÇ ¢Ø³ÊÒÁÒÃ¶ãªéâËÁ  
´¹Öéã¹\_Ã³Ö·ÖèÁÖÍØ»»\_Ã³i\_ÖÃáÊ´§¼Ä·Öèµèí\_Ñº\_ÖÃì´´Í NVIDIA à¾ÖÂ§ÍÂèÒ\$à´ÖÂÇ

**nView Clone** ãĖÁ´¹Œé`ĐãĖéÀÒ¾⁰¹´´íaĖ´§¼ÅĤísàĖÁ×í¹;ÑºÀÒ¾⁰¹´´íaĖ´§¼ÅĖĤĩ;



**nView Horizontal Span** âĒÁ´¹Ōéãéã¹;ÒÃ¢ÂÒÂà´Êì·Í»¢ÍŞÇÔ¹ă´ÇÊìă»ÂÑŞ´´ÍáÊ  
´Ş¼⁄₄Â 2 Ê¹éO´´Íă¹á¹Ç¹Íă´é ā¹âĒÁ´¹Ōé´´ÍáÊ  
´Ş¼⁄₄Â·ÑéŞĒÍŞ´ÐàˣèÍÁµèÍ;Ñ¹à»Ç¹³⁄₄×é¹·Ōè;ÒÃáÊ´Ş¼⁄₄Â¢¹Ò´ăĒèà³⁄₄ŌÂŞ´´Íà  
´ŌÂÇ«ŌèŞ´ÐàèÇÂăĒÉ´ÚÂŌ³⁄₄ă´é;ÇéŌŞ¢Ōé¹;ÇèŌ;ŌÃ´Ù´´Ò;´Íà´ŌÂÇ

nView Vertical Span - ÆÁ¹Öë·Ð·ÔãËëÊÔÀÒÃ¶íaÊ´S¼Åà·Êì·Ì»¢ÍŞÇÔ¹ã´ÇÊì¹·íaÊ´  
S¼Å 2 Ê¹ëÔ¹¶uèl;Ñ¹ã¹á¹ÇµÑéŚä´é ã¹ÆÁ¹¹Öë ´íaÊ´  
S¼Å·ÑéŚÊÍŞ·ÐàªxèlÄuèl;Ñ¹à»¢¹³¼×é¹·ÖëjOÄÁÊ´S¼Å·ÖèÁÔ¢¹Ò·ÊÙŞ¢Öé¹à¾ÔÃŞ·ía  
ÔAÇ«ÔèŞ·ÐªèÇAãÊÉ UAO¾ä´éAOÇ¢Öé¹jçèOjOÄ´U´Oj·ía ÔAÇ

A0<sup>3</sup>/<sub>4</sub>!A0çÔiµOÀµèOµí¹çÒà;íàÃªÑ¹¢í§;òÃáÊ´§¹⁄₄!ã¹ãÊÁ´ nView  
jÒÃµAÔ;A0<sup>3</sup>/<sub>4</sub>!A0çÔi<sup>01</sup>·!A0<sup>3</sup>/<sub>4</sub>·!Đà»ç¹;òÃàA×!jãÊë·!áÊ´§¹⁄₄!¹Ñè¹à»ç¹·!áÊ  
·§¹⁄₄!A»Ñ···Ø°Ñ¹¢í§µØ³!áA×è!èµØ³µAÔj¢CÔ°¹A0<sup>3</sup>/<sub>4</sub>!A0çÔi·!Ôè·!A0<sup>3</sup>/<sub>4</sub>  
µØ³·!ĐàÊç¹!AÔÂj;ÔÃµèÔSæ·!ÔèµØ³ÊÔÁÔA¶»ÃÑ°à»ÃÔèÂ¹ãÊëjÑ°!Øj;Ã³j;òÃáÊ  
·§¹⁄₄!A·!ÔèàjÔèÂÇçé!í§jÑ¹

ËÒ;ãªéâËÁ´ Clone ¢Ø³¨ÐÊÒÁÒÃ¶;ÓË¹; òÃáÊ  
´§¼Äã¹Ë¹éÒ¨ÍÊÃÑ;ãÊéÁÔ¢èÒ¢ÇÒÄÄÐàÍÔÁ´¢Í§à´Ê;ì·Í»ÁÒ;ÇèÒã¹Ë¹éÒ¨ÍÃÍ§  
ËÒ;¢èÒ¢ÇÒÄÄÐàÍÔÁ´¢Í§¨ÍáÊ´§¼ÄÃÍ§¹éÍ;ÇèÒ¢ÇÒÄÄÐàÍÔÁ´¢Í§¨ÍáÊ´§¼ÄÊÃÑ; à  
´Ê;ì·Í»¢Í§¨ÍáÊ´§¼ÄÃÍ§¨Ðá¾¹àÍ§à´ÁÍÑµâ¹ÃÑµÒàÁ×èÍ¢Ø³àÁ×èÍ¹àÁÒËèä»ËØ´¢ÍºÍ

Âj à ÂÔj; ÒÃã<sup>a</sup>é<sup>ø</sup>³ÊÁ°ÑμÔ; ÒÃá<sup>¾</sup>â´ÂÍÑμâ¹ÁÑμÔã¹´´ÍáÊ´S¼ÃÍ§ ËÒj ä  
´éà×Íj μÑÇàÂ×Íj "Allow virtual desktop" (ã<sup>a</sup>éà´Êj; Í»àÊÁ×Í¹´ÁÔ§jÑ°´ÍáÊ´S¼ÃÍ§ä´é) äÇé  
«Òè§´Ð·ÔãÊéà´Êj; Í»ÊÂØ´jÔÃ·Ô§Ô¹ã¹μÔáÊ¹è§ã´μÔáÊ¹è§Ê¹Òè§  
ø³ÊÁ°ÑμÔ¹ÔéàÊÁÔÐÊÔÊÑ°j ÒÃ¹ÔàÊ¹Í§Ô¹ã¹áÍ»¾ÃÔàø<sup>a</sup>Ñ¹·Ôèã<sup>a</sup>é<sup>ø</sup>ÇÒÁÂÐàÍÕÂ  
´ã¹j ÒÃáÊ´S¼ÂÊÛ§

jÒÃã<sup>a</sup>é§Ò<sup>1</sup>¤Ø<sup>3</sup>ÊÁ<sup>º</sup>ÑµÔ<sup>1</sup>Õé`ĐÂçÍ¤µÓáĚ<sup>1</sup>è§jÒÃá<sup>3/4</sup>»Ñ<sup>.....</sup>Ø<sup>º</sup>Ñ<sup>1</sup>ϕÍ§`ÍáÊ  
`§<sup>1/4</sup>ÃÁÍ§.ÕèàÃ×ÍjăÇéã<sup>1</sup>ϕ<sup>3</sup>Đ<sup>1</sup>Õé «Õè§`Đ.ÓãĚéà´Ějì.Í»ĚÂØ´jÒÃ.Ó§Ò<sup>1</sup>ã<sup>1</sup>µÓáĚ<sup>1</sup>è§ã  
´µÓáĚ<sup>1</sup>è§Ě<sup>1</sup>Õè§  
¤Ø<sup>3</sup>ÊÁ<sup>º</sup>ÑµÔ<sup>1</sup>ÕéàĚÁÒĐÊÓĚÑ<sup>º</sup>jÒÃ<sup>1</sup>ÓàÊ<sup>1</sup>Í§Ò<sup>1</sup>ã<sup>1</sup>áÍ»<sup>3/4</sup>ÃÔà¤<sup>a</sup>Ñ<sup>1</sup>.Õèã<sup>a</sup>é¤ÇÒÁÃĐàÍÕÂ  
´ã<sup>1</sup>jÒÃáĚ´§<sup>1/4</sup>ÃĚÜ§

ã<sup>a</sup>é§Ò<sup>1</sup>⊠Ø<sup>3</sup>ÊÁ°ÑμÔϕÍ§à´Êì·Í»àÊÁ×Í<sup>1</sup>·ÃÔ§ã<sup>1</sup>âËÁ´ìÒÃϕÂÒÂÀÒ<sup>3</sup>/<sub>4</sub>ϕÍ§ nView  
ìÒÃã<sup>a</sup>é§Ò<sup>1</sup>⊠Ø<sup>3</sup>ÊÁ°ÑμÔ<sup>1</sup>Õé´Ð·ÓãËé⊠Ø<sup>3</sup>μÑé§⊠èÒà´Êì·Í»ãËéÁÕϕ<sup>1</sup>Ò´ãËèìÇèÒ´ÍáÊ  
´§<sup>1</sup>/<sub>4</sub>Ã·Õèà<sup>a</sup>×èÍÁàϕéÒ´éÇÂìÑ<sup>1</sup>  
ÀÒ<sup>3</sup>/<sub>4</sub>·Õèà<sup>a</sup>×èÍÁμèÍàϕéÒ´éÇÂìÑ<sup>1</sup>·Ð»ÃÒì¬ãËéàËç<sup>1</sup>μÁÍ´<sup>3</sup>/<sub>4</sub>×é<sup>1</sup>·Õèà´Êì·Í»·ÕèãËèϕÖé<sup>1</sup>  
àÁ×èÍ⊠Ø<sup>3</sup>/<sub>4</sub>ÂÒÂÒÂàÁ×èÍàÁÓÊìÍì·Òì<sup>3</sup>/<sub>4</sub>×é<sup>1</sup>·Õè·ÕèáÊ´§

ÀÒ¾¼jÃÒ¿ÔiμÒÁ¤èÒ¤Í¹¿ÔàjíaÃªÑ¹¢Í\$;ÒÃáÊ´§¼ÅÃísã¹âËÁ´ nView  
jÒÃ¤ÅÔj·ÕèjÃÒ¿Ôj¨Ð·ÓãËé¤Ø³ÊÒÁÒÃ¶μÑé\$¤èÒÍØ»jÃ³jÒÃáÊ´§¼Å  
«Õè\$μèljÑº·íaÊ´§¼ÅÃís·ÕèãªéjÒÃì¨·Í·ÕèáÊ´§¼Åªºº nView ä´é  
ã¹¢³Ð·Ó\$Ò¹ÍÁÙèâËÁ´ Clone



jÓË¹ãé;ÒÃÇºØÁ;ÒÃ«ÙÁà¾×èíãËéÊÒÁÒÃ¶«ÙÁà¢éÒä»ÂÑ§Ë¹éÒ´Í;ÒÃáÊ  
§¼Å·ÛèµéÍ§;ÒÃã´é

ã<sup>1</sup>âĖÁ<sup>1</sup>Ŏé ¢Ø<sup>3</sup>ÊÔÁÔÃ¶àÅ×ĭ;<sup>3</sup>/<sub>4</sub>×é<sup>1</sup>.ŎèĚ<sup>1</sup>éŎ<sup>1</sup>ÍĖèÇ<sup>1</sup>.Ŏèµéİ§ĭÔÃ«ÙÁ  
ĖĀŊ§<sup>1</sup>ŎĭàÅ×ĭĭáĀéÇ ¢Ø<sup>3</sup>ÊÔÁÔÃ¶«ÙĀă»<sup>1</sup>.ŎèĚ<sup>1</sup>éŎ<sup>1</sup>ÍĖèÇ<sup>11</sup>Ŋé<sup>1</sup>ă<sup>1</sup>é<sup>1</sup>Ŋ<sup>1</sup>.Ŏ â  
<sup>1</sup>ĀàÅ×èĭ<sup>1</sup>µŊÇàÅ×èĭ<sup>1</sup>éŎ<sup>1</sup>ĀèŎ§

μÑÇàÅ×Í;¹Õé`ĐăĚé⌘Ø³«ÙÁÊèÇ¹·ÕèàÅ×Í;äÇéϕÍ§Ě¹éÒ`Í;ÒÃáÊ´§¼Åä  
é·Ñé§àϕéÖĚÅ×ÍÍ;

àÅ×í;ÍØ»;ĩÃ³;òÃáÊ´§¼ÅÊÓËÃÑº;òÃáÊ´§Àò¾ã¹âËÁ´;òÃáÊ´§¼ÅáººàµçÁË¹éÒ´Í

⌘Ø³ÊÒÁÒÃŕàÅ×ÍjÍÑμÃÒÊèÇ¹ϕí§ÀÒ¾ (ϕ¹Ò´ã¹á¹Ç¹Í¹μèíá¹ÇμÑés) ÊÓËÃÑº;ÒÃáÊ  
´§¹⁄₄Ãá°°àμçAÊ¹éO¨Í

jÒÃã<sup>a</sup>éşÒ<sup>1</sup>µÑÇàÅ×Íj<sup>1</sup>Õé<sup>ˆ</sup>Đ·ÓãĚéă<sup>ˆ</sup>ÃàÇÍÃìjÒÃáĚ<sup>ˆ</sup>ş<sup>1</sup>/<sub>4</sub>ÂĚÒÁÒÃŋjÓĚ<sup>1</sup>  
ꞡèÒꞡÇÒÁĀĐăÍŌĀ<sup>ˆ</sup>·ŌèàĚÁÒĐĚĀjŊ<sup>o</sup>jŌÃáĚ<sup>ˆ</sup>ş<sup>1</sup>/<sub>4</sub>Āá<sup>oo</sup>àµçĀĚ<sup>1</sup>éŌ<sup>ˆ</sup>İă<sup>ˆ</sup>é

iÒÃã<sup>a</sup>é§Ò<sup>1</sup>µÑÇàÅ×Í<sup>1</sup>Õé"Đà»ç<sup>1</sup>iÒÃà<sup>a</sup>×èÍÁâÂ§iÒÃÇ<sup>0</sup>ÇØÁiÒÃ«ÙÁã<sup>1</sup>Ë<sup>1</sup>éÒiÒÃÇ<sup>0</sup>ÇØ  
ÁâlàÇÍÀàÁÀi iÑ<sup>0</sup>iÒÃÇ<sup>0</sup>ÇØÁiÒÃ«ÙÁã<sup>1</sup>iÒÃáË' §<sup>1/4</sup>Ãã<sup>00</sup>àµçÁË<sup>1</sup>éÒ"Íă' éã<sup>1</sup>¢<sup>3</sup>Đà  
'ÔÃÇiÑ<sup>1</sup>

iÒÃ¤ÅÔi·Õè»ØèÁ¹Õé¨Đ·ÓãĚéãªésÒ¹¤Ø³ĚÁºŃµÔiÒÃáĚ´§¼¼Å¢Ńé¹ĚÙsâ´ÂãªéâĚÁ´  
Clone ¢Í§ nView â»Ã´ĚŃsàjµÇèÒµéÍ§ãªésÒ¹âĚÁ´ Clone  
ÍÂÙè¨Ö§¨Đà¢éÒãªé¤Ø³ĚÁºŃµÔàĚÀèÒ¹Ōéă´é



jÒÃã<sup>a</sup>é§Ò<sup>1</sup>µÑÇàÅ×Íj<sup>1</sup>Õé<sup>°</sup>Đà»ç<sup>1</sup>jÒÃjÓË<sup>1</sup>  
ãÉé«ÍçµiáÇÁiâiàÇÍÁiàÅÀiàÃÕA;ã<sup>a</sup>é<sup>o</sup>ÑÊÁÒÊàµÍÃiÃÔ§  
áµèäÅèá<sup>1</sup>Đ<sup>1</sup>ÓãÉé<sup>°</sup>Ø<sup>3</sup>àÅ×ÍjµÑÇàÅ×Íj<sup>1</sup>Õé à<sup>3</sup>/<sub>4</sub>ÃÕĐ<sup>°</sup>Đ·ÓãÉéàjÔ´»ÑËÒã<sup>1</sup>jÒÃáÉ<sup>°</sup>  
ŞÀÒ<sup>3</sup>/<sub>4</sub><sup>o1</sup>·Í à<sup>a</sup>è<sup>1</sup> áÉ´ŞÀÒ<sup>3</sup>/<sub>4</sub>äAè¶ÛjµéÍŞËÃ×lăAèÃÕÀÒ<sup>3</sup>/<sub>4</sub>»ÃÒj ¤Öé<sup>1</sup>ăĂĂ

áÊ´§<sup>a1</sup>Ô´¢í§íÀÒ<sup>3</sup>/<sub>4</sub>·Õè¤Ø<sup>3</sup>íÓÂÑ§ã<sup>aé</sup>íÑ°íÒÃì´í·ÕèàÅ×í;äÇé

⌘ÅÔ;à¾×èíáÊ´§⌘Ø³ÊÁ°ÑμÔϕÍ§ä´ÃàÇíÃ`áÅĐÍØ»;ĩ³iÊÓĚÃÑ°·íÀÒ¾¹Öé

áÊ´§ÍÑµÃÒ;ÒÃÃÕà¿Ãª.ÑéSĚÁ´.Õèãªéä´é;Ñº·ÍÀÒ¾¹Õé  
ÍÑµÃÒ;ÒÃÃÕà¿Ãª.ÕèÁÕªÇÒÁ¶ÕèÊÛ\$ŦÓé¹·ĐÁ´ÍÑµÃÒ;ÒÃÊÑè¹ŦÍ\$ÀÒ¾¹¹Ě¹éÒ·Í

ÃĐ°ØÇèÒÃÒÂ;ÒÃã¹ ¢ÇÒÁ¶Õèã¹;ÒÃÃÕà¿Ãª ¨ĐÃÇÁâĚÁ´.Õè¨ÍÀÒ¾¹ÕéäÁèä  
´éĚ¹ÑºĚ¹Ø¹ÍÂÙèĚÃ×ÍäĚè ;ÒÃàÃ×ÍâĚÁ  
´.ÕèäÁèàĚÁÒĐĚÁ;Ñº¨ÍÀÒ¾¶Í§¢Ø³ÍÒ¨.ÓãĚéà;Ô´»ÑĚÒÃéÒÂáÃ§ã¹;ÒÃáĚ  
´§¹⁄₄ÃáÃĐÍÒ¨.ÓãĚéÍÒÃİ´áÇÂì¶Í§¢Ø³àĚÕĚĚÒĚ

μÑÇàÀ×Í;¹Õé;ÓË¹´ãËéä´ÃàÇÍÃ` OpenGL ãªéºÑ¿à¿ÍÃ;ÒÃáË´§ÀÒ¾ 3 ÁÔμÔáº 16  
ºÔμâ´ÃäÁèºÓ¹Ö§¶Ö§ÃÙ»áºº¶Í§¾Ô;à«Ã·ÕèáÍ»¾ÃÔàªÑ¹ä´éàÀ×Í;äÇé  
μÑÇàÀ×Í;¹ÕéÃÑ§ªèÇÃà¾ÔèÁ»ÃÐËÔ·ÔÀÒ¾¶¶Í§;ÒÃ·Ó§Ò¹áÃÐ;ÒÃÃº¶éÍÁÙÃã¹ºÑ¿  
à¿ÍÃ;ÒÃáË´§ÀÒ¾ 3 ÁÔμÔ áμé·Ð·ÔãËéªÇÒÁ¶U;μéÍ§ã¹;ÔÃà;¶º¶éÍÁÙÃºÑ¿à¿ÍÃáË  
´§ÀÒ¾ 3 ÁÔμÔÃ´Ã§

àÁ×èíÓË¹´ãªé§Ò¹μÑÇàÀ×í¹ÖéáÀéÇ OpenGL ¨Đãªé¤Ø³ÊÁºÑμÔ Advanced Multi-Monitor ¢Í§ Windows 2000

⌘Ø³ÊÒÁÒÃŒãªéµÑÇàÅ×Í¹Õéã¹ĵÒÃàÅ×ÍĵÇèÒĐãĚéÍáÊ´§¼Åă´áÊ´šà  
´Êĵĭ.Í»ã¹ÅØA<sup>o1</sup>«éÒÃ ÊÔè§.ÕèàĚç¹ă´éªÑ´.ÕèÊØ  
´ă¹ĵÒÃàÅ×ÍµÑÇàÅ×Í¹Õéĵ⌘×ÍĵÒÃáÊ´§¼ÅĐà»ÅÕèÂ¹µÓáĚ¹è§ŒÍ§ÀÒ¾ã¹Ě¹éÒÍ



1j̄j̄ōē ∅³āñšĕòàòǎŋꞑāôj̄j̄ǎòçôj̄.õè»ǎôj̄⁻¹íàò¾ã¹μñçꞑç⁰∅á' éò¹⁰¹ă'éâ  
'āmās à¾₄×èlà×īǎēéáē's¼āã¹ī.õèáē'sī!Àùèã¹¢đ¹ōé

⌘ÅÔj»ØèÁ¹Õéà¾¼×èÍµÑé§⌘èÒĚÃ×ía»ÅÕèÂ¹⌘èÒ†Í§ÍØ»iÃ³i;ÒÃáÊ  
´§¼¼Å·ÕèãªéjÑº·íaÊ´§¼¼Å»Ñ···ØºÑ¹

ıÖÃÇºØÁıÖÃá¾¹ãªéıÖË¹¢¹Ö¢İ§¾×é¹.ÖèË¹éÖ´Í.Öè´ĐÊÖÁÖÃ¶´Ùä´é  
ãËéÊÑÁ¾Ñ¹ııÑº¾×é¹.Öèà´Êıı·Í»´ÁÔ§.ÖèÁÕÍÂÙè «Öè§´Đãªéã¹ıÖÃáÊ´§¹¾Åà  
´Êıı·Í»«Öè§ÁÕ¢¹Ö´ãËèıÇèÖ¢¹Ö´»ıμÔ.ÖèáÊ´§ä´éã¹´ÍÂÖ¾´´Íáº¹ ÊÃ×Í´Í.ÔÇÕ¢İ§ºØ³

⌘ÅÔ;à¾×èíµÃÇ¨ÊÍ¨´ÍáÊ´§¼Å·Ñé§ĚÁ´·Œèµèlàª×èÍÁàŒéÔ;Ñº;ÒÃì¨´Í  
ãĚéãªé⌘Ø³ĚÁºÑµÔ¹ŒéĚÔ;⌘Ø³àĚŒÂª»ÅÑê;àŒéÔ;Ñº´ÍáÊ´§¼ÅĚÅÑ§¨Ò;·Œèà»Ô  
´⌘Í¹â·ÃÅ¾Òà¹ÅŒŒé¹ÅŒáÅéÇ

·Óà¤Ã×èì§ËÁÒÂ·Õèªèì§¹Õé ËÒ;¤Ø³àª×èìÁµèì´´ÍÀÒ¾¼à¢éÒ;Ñªèì§àÊÕÂª´´ÍáÊ  
´§¹¼ÅÃÍ§«Õè§äÁèä´éµÃÇ´´ÊíªÍÀÙèã¹¢³Ð¹Õé  
ìÒÃ·Òàªè¹¹Õé´´Ðà»¢¹»ÃÐâÂª¹ìµèì´´ÍÀÒ¾¼ÃØè¹à;èÒ  
ËÃ×Í´´ÍÀÒ¾¼·Õèàª×èìÁµèì;Ñªèì§àÊÕÂª BNC

▯ÅÔ;à¼×èlàœéÒ`ÙœéÍÁÙÅ·Õèà;ÕèÂÇœéÍ§;Ñº;ÒÃì´´ÍœÍ§ NVIDIA

⌘ Å Ô ï à ¾ × è í à ¢ é Ò ã ª é ⌘ Ø³ Ê Á ° Ñ μ Ô à ¾ Ô è Á à μ Ô Á ¢ Í § ï Ò ã ÿ ´ ´ Í ¢ Í § NVIDIA

⌘ÅÔ;à¾×èíà¢éÒ´Ù¢éíÁÙÁáÅĐă´ÃàÇíÃìÃØè¹ÅèÒÊØ´¢Í§;ÒÃì´´í·Õèà»ç¹¢Í§ NVIDIA  
ã¹àÇçºă«μì¢Í§ NVIDIA



ϕέíÁÙÀ¹Õé¨ĐãĚéÃÒÂĤĐàíÕÂ´à;ÕèÂÇ;ÑºÎÒÃĩ´áÇÃìϕÍ§;ÒÃì  
¨¨Í·ÕèàĤ×Í;äÇéã¹ϕ³Đ¹Õé

ϕέíÁÙÀ¹Õé¨ĐãĚéÃÒÂĦĐàíÕÂ´à;ÕèÂÇ;ÑºϕέíÁÙÀϕÍŚÃĐº.ÕèàĦ×Í;äÇé  
«ÕèŚĚèŚ¼Ħµèí»ÃĐĚÔ·ÔÀÔ¾ϕÍŚ;ÃÔ¿Ô;â´ĦÃÇÁ

μÒÃÒ§¹Õé×ÍÃÒÂ;ÒÃăĹÀ  
áÅĐϕéÍÁÙÀÇÍÃªÑè¹.Õèà;ÕèÂÇϕéÍ§;Ñ¹«Õè\$ÁÕ;ÒÃăé;Ñº;ÒÃĩ´´Í NVIDIA ã¹ϕ³Đ¹Õé

Ě<sup>1</sup>éÒ; ÒÃµÑéŞµèÒ ; ÒÃ·Ñ´; ÒÃáÍ»¾ĀÔàµªÑ¹ ã<sup>a</sup>éã¹; ÒÃ·Ñ  
´CÒŞµÓáĚ<sup>1</sup>èŞŧÍŞĚ<sup>1</sup>éÔµèÔŞáÍ»¾ĀÔàµªÑ¹ĀĐĚÇèÔŞ´ÍáĚ´Ş¼ĀáĀĐà´Ê; Ì·Í»ĚĀÒĀ´Í â  
´ĀµÑéŞµèÒ·ŌĀĐáÍ»¾ĀÔàµªÑ¹

ÃÒÂ¿ÒÃ¹Õé ¢×Í ÃÒÂ¿ÒÃÁí»¾ÃÔàªÑ¹.Õèâ»ÃÁ¿ÃÁ¿ÒÃ·Ñ´¿ÒÃà  
´Ê¿·Í»ãªéÍÃÙèã¹¢³Đ¹Õé  
ãÊéàÃ×Í¿Áí»¾ÃÔàªÑ¹·Ò¿ÃÒÂ¿ÒÃà¾×èÍµÑé\$ªèÒªÍ¹¿Ô¿¿ÒÃ·Ñ´¿ÒÃÁí»¾ÃÔàªÑ¹  
áÃĐÁ¿éä¢ÃÒÂ¿ÒÃâ´Ããªé»ØèÃ "Add" áÃĐ "Remove" ·ÕèÍÃÙè·Õ\$¢ÇÒ

ı'»ØèÁ¹Öéà¾×èÍà¾ÔèÁâ»ÃáıÃÁáÍ»¾ÅÔàªÑ¹áºãËÁè¢ÍŠÃÒÂıÒÃáÍ»¾ÅÔàªÑ¹.Ö  
èâ»ÃáıÃÁ"Ñ'ıÖÃà'Êı·Í»"Ñ'ıÖÃÍÂÙè

ĩ»ØèÁ¹Õéà¾×èÍÅ°áí»¾ÅÔàªÑ¹.ÕèàÅ×Í;äÇéã¹¢³Đ¹ÕéÍí·Ò;ÃÒÂ;ÒÃáí»¾ÅÔàªÑ¹.  
Õèâ»Ãá;ÃÁ·Ñ´;ÒÃà´Ê;ì·Í»´Óà¹Ô¹;ÒÃÍÃÙè

ı´»ØèÁ¹Öéà¾×èÍ°áı»¾ÄÔàªÑ¹.ÑéŞĚÁ´Íı·ÒıÃÔÂıÔÃ  
ªÓàµ×ı¹: ıÔÃı´»ØèÁàĚÂèÒ¹Öé·Đà»ç¹ıÔÃÃÖà«çµıÔÃµÑéŞªèÒ·ÑéŞĚÁ´.ÖèªØ³ä  
´éıÖĚ¹`äÇéĚÖĚÃ°áı»¾ÄÔàªÑ¹



jÒÃàÅ×ÍµÑÇàÅ×Í¹Öéà»ç¹jÒÃiÓË¹  
ãËÉË¹éOµèÖŞİİİáí»¾ÅÖàªÑ¹»ÃÖi¬ŧÖé¹ã¹´ÍáÊ´§¼Å·ÖèªØ³ă´éiÓË¹´ăÇéàÊÁÍ

¿ÔÀ´ì¹ÕéãªéÃÐºØÇèÒ¨ÐáÊ´şáí»¾ÅÔàªÑ¹.Õèă´éàÅ×ÍjăÇéã¹¢³Ð¹Õéã¹¨ÍáÊ´ş¹¼Å  
(¨ÍÀÒ¾)¨Íă´ËÒjă´éàÅ×ÍjµÑÇàÅ×Íj "Always start this application on screen number" (àÃÔèÁà»Ô  
ªªéşÒ¹áí»¾ÅÔàªÑ¹ă¹É¹éÒ´İĖÁÔÂàÅ¢)ăÇé

ËÒ¡ð³àÅ×¡¡µÑÇàÅ×¡¡¹Öé â»ÃájÃÁ¬Ñ´¡ÒÃà´Ê¡·Í»¬ÐµÃÇ¬ÊÍ°£¹Ò  
´áÅÐµÓáË¹è§£Í§Ë¹éÒµèÒ§áÍ»¾¼ÅÒàªÑ¹¹Öé  
àÅ×è¡ð³àÅÒèÅµé¹ãªé§Ò¹áÍ»¾¼ÅÒàªÑ¹¹ÅÑé§¶Ñ´ä» â»ÃájÃÁ¬Ñ´¡ÒÃà´Ê¡·Í»¬Ð¡ÓË¹  
´Ë¹éÒµèÒ§áÍ»¾¼ÅÒàªÑ¹¹ÖéãËéÅÖ£¹Ò  
´áÅÐµÓáË¹è§µÓÁ·ÖèºÑ¹·Ö¡äÇé¡è¹Ë¹éÒ¹Öé

μÑÇàÀ×í;¹Õéãªéã¹;ÒÃ;ÓË¹´ÇèÒ¨ĐãËé;ÒÃ¢ÀÒÂ¢¹Ò´Ë¹éÒµèÒ§áí»¾ÀÔàªªÑ¹áÊ  
´§àµçÁË¹éÒ¨là©¾OĐ¨Í·ÕèáË´§ÍÂÙè â´ÄäÁè¢ÀÒÂ;ÒÃáË´§¹¼ÄãËéàµçÁ¾×é¹·Õèà  
´Ëì·Í»·Ñé§ËÁ´«Õè§ÍÒ¨ãªéËÀÔÃË¹éÒ¨Í

àÀ×íµÑÇàÀ×í¹Öéà¾×èíàÃÔèÁãé§Ò¹áí»¾ÀÔà²Ñ¹¹Öé¹à´Êì·Í»áí»¾ÀÔà²Ñ¹·Öèä  
´é;ÓE¹´äÇéÍÕ;â»Ãá;ÃÄE¹Öè§  
µÑÇÍÂèÒ§àªè¹ ²Ø³ÊÒÁÒÃ¶ÊÃéÒ§à´Êì·Í»à¾ÔèÁ¢Öé¹à¾×èíãé§Ò¹ÍÂèÒ§Í×è¹ àªè¹  
ÊÓËÃÑªàÇçªàºÃÔà«ÍÃ ËÃ×ÍÊÓËÃÑªªªéíèÒ¹ÍÔàÁÃ Ìì;àE¹×Í´Ò;à´Êì·Í»¢Í§ÇÒ¹â  
´ÇÊì·Öèà»ç¹Ö¿ÍÃµì

»éÍ<sup>1a</sup>×èÌà´Êì·Í»áÍ»¾ÄÔàªÑ<sup>1</sup>.ÕèÊÃéÒ§ŧÖé¹ÊÓËÃÑºãªé§Ò¹í×è¹ã¹µÑÇàÅ×Íì¹Õé  
¹Íì·Òì¹Õé ¢Ø³ÃÑ§ÊÒÁÒÃ¶ãªé»ØèÁá<sup>oo´</sup>ÃÍ»´ÒÇ¹ìã¹ìÒÃàÅ×Íìà  
´Êì·Í»·ÕèªØ³ÊÃéÒ§äÇéÊÓËÃÑºáÍ»¾ÄÔàªÑ¹í×è¹  
¿ÔÃ´ì¹Õé·ÐÁÕìçµèÌàÁ×èÍªØ³ä´é·ÓàªÃ×èÍ§ËÁÒÃàÅ×ÍìµÑÇàÅ×Íì "Start this application on a  
separate desktop" (àÃÕèÃãªé§Ò¹áÍ»¾ÄÔàªÑ¹¹Õéã¹ÍÕìà´Êì·Í»Ë¹Õè§)

Ë¹éÒÍµ¸ÕÂîãªéã¹;ÒÃ»ÃÑºà»ÅÕèÂ¹Íµ¸ÕÂî à¾×èÍ;ÓË¹  
´µÓáË¹è§Ë¹éÒµèÕ§áÍ»¾ÅÕàªÑ¹ºà´Êì·Í»´éÇÂµÑÇªØ³àÍS

⌘ÕÂì¼ÊÁ¹Õé¨ÐÂéÒÂË¹éÒµèÒ§·Õè¡ÓÃÑ§ãªé§Ò¹ÍÂÙèã¹¢³Ð¹Õé  
(·Õè¡ÓÃÑ§·Ó§Ò¹ÍÂÙè) ä»ÃÑ§ÍÕ¡¨ÍÂÒ¾Ê¹Õè§â´ÂÍÂÙèã¹µÓáË¹è§à´ÕÂÇ¡Ñ¹



ꞤÖÂ½ÊÁ¹Öé·ÐÂéÒÂË¹éÒµèÒ§.Ñé§ËÁ´ã¹·ÍáÊ  
´§½ÄÄÐáí»¾ÄÔàꞤÑ¹.Öèãªé§Ô¹ÍÂÙèã¹¢³Ð¹Öéä»ÂÑ§ÍÖ;Ë¹éÒ·ÍË¹Öè§

⌘ÖÂ½ÊÁ¹Öë¨ÐÂéÒÂË¹éÒµèÒ\$¢Í\$áÍ»¾ÅÔà⌘Ñ¹.Ñé\$ËÁ´ä»ÂÑ\$¨ÍáÊ  
´\$½Å«Öè\$ÁÖàÀÒÊ½ÍÀàµÍÃÍÀÙè

ËÒ¡¸Ø³ÁÕà´Êì·Í»áí»¾ÄÔàªÑ¹.ÕèãªésÒ¹ÍÂÙèËÂÒÂË¹éÒ  
ªÕÂì¼ÊÁ¹Õé´Ðà»ÂÕèÂ¹·Òjà´Êì·Í»Ë¹Õè\$ä»ÂÑ\$ÍÕjà´Êì·Í»Ë¹Õè\$  
ªØ³ÊÒÁÒÃ¶ì´ªÕÂì¼ÊÁ¹Õé«éÓ¡Ñ¹ÊÂÒÂªÂÑésà¾×èÌÇ¹´Ùà  
´Êì·Í»áí»¾ÄÔàªÑ¹.ÑésËÁ´.ÕèãªésÒ¹ÍÂÙè¡çä´é

Ë¹éÒ Global Settings »ÃĐjÍ° éÇÂµÑÇàÅ×Íj«ÖèŞà»ç¹µÑÇÃèÇÁŧÍŞâ»ÃájÃÁ"Ñ´jÒÃà  
´Êj·Í»áÅĐâ»ÃájÃÁ"Ñ´jÒÃáí»¾¼ÅÕàªªÑ¹·ÑéŞĚÁ´

iÒÃàÀ×ÍjϕÂÔÂϕ¹Ò´áí»¾ÀÔàªÑ¹ãËéáÊ´§¼Ãã¹ "à´Êjì·Í»·Ñé§ËÁ´" ËÁÔÂ¶Ö§  
jÔÃϕÂÔÂϕ¹Ò´áí»¾ÀÔàªÑ¹ãËéáÊ´§¼ÃµçÃË¹éÒà´Êjì·Í»  
ÃÇÁ¶Ö§jÃ³Ö·Öèµéí§ϕÂÔÂjÔÃáÊ´§¼Ãà»ç¹ËÂÔÂË¹éÖ´Í  
ÊèÇ¹jÒÃàÀ×ÍjϕÂÔÂϕ¹Ò´áí»¾ÀÔàªÑ¹ãËéáÊ´§¼Ãã¹ "Ë¹éÒ´Í·ÖèáÊ´§ÍÂÙè"  
ËÁÔÂ¶Ö§ jÔÃϕÂÔÂϕ¹Ò´áí»¾ÀÔàªÑ¹ãËéáÊ´§¼ÃµçÃË¹éÖ´Íà©¾ÖÐã¹´Íà  
´ÔÁ·ÖèãªéÍÂÙè

ıÖÃjÓĒ1´ãªé¤Ø³ÊÁ°ÑμÔ1Ŏé·ÓăĒéÁŎàÁ¹ÙÂèÍÂ "NVIDIA Desktop Manager"  
à¾ŎèÁ¢Ŏé¹ÁŎã¹àÁ¹UÃĐºº¢İ§Ē¹éŎμèŎ§áı»¾ĦŎà¤Ñ¹.ŎèÍÂÙèÃĐ´Ñºº¹ĒØ´.Ñé§ĒÁ´  
àÁ¹UÂèÍÂ¹Ŏé´ĐªèÇÃăĒĒéà¢éŎăªé¿NsıªªÑ¹ıŎÃ´Ñ´ıŎÃáı»¾ĦŎà¤Ñ¹.Ñé§ĒÁ´ă  
´é§èŎÃáĦĐÃÇ`àÃçÇÃŎè§¢Ŏé¹ â ĦăAè´Ŏà»ç¹μéİ§à»Ŏ  
´¤İ¹ă·ĦĦ¾Ŏà¹Ħİ§ă»ĦăıĦĦ´Ñ´ıŎÃà´Ēı·Í»  
¤Ø³ĒŎÃŎÃĦà¢éŎĒÛèàÁ¹ÙÃĐºº¢İ§Ē¹éŎμèŎ§áı»¾ĦŎà¤Ñ¹ă´éă  
´Ħ¤ĦŎı¢ÇŎ·ŎèăμàμŎĦºŎĦİ ĒĦ×İ¤ĦŎı·Ŏèăİ¤İ¹àĦçıæ ¢İ§áı»¾ĦŎà¤Ñ¹«Ŏè§ÍÂÙè  
´éŎ¹«éŎĦĒØ´ ¢İ§ăμăμŎĦºŎĦİ

jÒÃàÀ×ÍjμÑÇàÀ×Íj¹Öé`ĐªèÇÃãĚéâ»ÃájÃÁ`Ñ´jÒÃà´Êjì·Í»»éÍ§jÑ¹ÇÔ¹â´Çì»êÍ»ÍÑ»ÃĐ  
ÑºĚÛ§`Oj;ÒÃ¢ĀŌĚĚ×ÍjÒÃáĀjĹjà»ç¹ĚÍ§`ÍĀŌ¾ (ĚÃ×ÍĀŌj;ÇèŌ¹Ñé¹) â´ĀjÒÃjÓĚ¹  
´μÓáĚ¹è§»êÍ»ÍÑ»ãĚĀèãĚéà¢éŌjNºĚ¹éŌ`Í

àÀ×ÍµÑÇàÀ×Í¹Õéà¾×éÍÑ  
´É¹éÔµèÕ§»êÍ»ÍÑ»ãÉéÍÂÙèµÃ§;ÀÒ§Ë¹éÒ´Í·Õè¤Ø³àÀ×ÍàÊÁÍ



àÅ×í"íÀÒ¾·Õè∅³μεί§;ÒÃãĚĚ¹έÒμεò§»êí»ÍÑ»ÍÂÙèμÃ§;Àò§ â´Â¿ÔÅ  
`ì¹Ōé"ĐÁŌıçμèlàÁ×èı∅³·Óà∅Ã×èıÉÁÒÃàÅ×í»ØèÁ "Center system-wide pop-ups on screen  
number" ( "Ñ´ãĚĚ¹έÒμεò§»êí»ÍÑ»»ÃŌı̄ϕŌé¹μÃ§;Àò§Ě¹έŌ"ÍÉÁÒÃàÅϕ)

μÑÇàÅ×í¹Öé·ÓãĚéĚ¹éÒμèÒ§»êÍ»ÍÑ»«Öè\$¢ÂÒÂ¡ÒÃáĚ´§¼Åă»ÂÑ\$ĚÅÒÂĚ¹éÒ´Í  
ÍÂÙèμÃ\$¡ÅÒ§´ÍáĚ´§¼Å·ÖèÁÒà²ÍÃà«ÍÃ à¹×èÍ\$´Ò¡ÁÕ²ÇÒÁà»ç¹ă»ă´éÁÒ¡·ÖèĚØ  
´ÇèÒ²Ø³¡ÓÂÑ\$ăé\$Ò¹´ÍáĚ´§¼Å¹Ñé¹ÍÂÙè

μÑÇàÀ×í<sub>j</sub><sup>1</sup>Öé°Ñ<sup>1</sup>·Ö<sub>j</sub>Ë<sup>1</sup>éÒμèÒ§»êí»ÍÑ»ϕÍ§áí»¾<sub>4</sub>ÅÔà<sup>a</sup>Ñ<sup>1</sup>äÇéã<sup>1</sup>Ë<sup>1</sup>éÒ°íà  
°ÔÅÇ<sub>j</sub>Ñ<sup>0</sup>Ë<sup>1</sup>éÒμèÒ§áí»¾<sub>4</sub>ÅÔà<sup>a</sup>Ñ<sup>1</sup>ä°ÔÁ·Öèã<sup>a</sup>éËÄéÒ§Ë<sup>1</sup>éÒμèÒ§<sup>1</sup>Ñé<sup>1</sup>  
ËÒ<sub>j</sub>Ë<sup>1</sup>éÒμèÒ§»êí»ÍÑ»¾<sub>4</sub>ÅÔ°ä»»ÄÖ<sub>j</sub>·ÖèíÖ<sub>j</sub>°íáË°§¼<sub>4</sub>ÅË<sup>1</sup>Öè§â»Äá<sub>j</sub>ÄÁ°Ñ°<sub>j</sub>ÒÄà  
°Ë<sub>j</sub>·Í»°ĐàÀ×èí<sup>1</sup>ä»ÍÄÙè·Öè°íáË°§¼<sub>4</sub>ÅϕÍ§Ë<sup>1</sup>éÒμèÒ§áí»¾<sub>4</sub>ÅÔà<sup>a</sup>Ñ<sup>11</sup>Ñé<sup>1</sup>

j'»ØèÁ¹Õéà¾¼×èÍàÃÕÂjãªéªèÒà´ÔÁçÍ§ªèÒÃèÇÁ·Õèà»ç¹  
Õ¿ÍÁµìáÃĐÍµªÕÂìçÍ§â»ÃájÃÁ´Ñ´jÒÃà´Êjì·Í»

ËÁÒÂàËµØ:

jÕÃj'»ØèÁ¹Õé´ĐäÁèÊè§¼ÅµèÍjÒÃ»ÃÑºà»ÃÕèÂ¹áÍ»¾¼ÃÔàªªÑ¹·ÕèªØ³ä  
é·ÔäÇéã¹Ë¹éÔ Application Management

j'»ØèÁ "OK" à¾×èÍÂ×¹ÂÑ¹áÂĐ¹Ó;ÒÃà»ÂÕèÂ¹á»Â§.ÕèϣØ³ă  
éμÑéſăÇéă¹â»Ãá;ÃÁ"Ñ´;ÔÃà´É;ì·Í» áÂĐà¾×èÍ»Ô´É¹éÔμèÔ§ϣÍſ¹â·ÃÂ¾Ôà¹Â

j'»ØèÁ "Cancel" à¾×èÍ»Ô´Ë¹éÒµèÒ§¹â·ÃÅ¾Òà¹Å¢Í§â»Ãá;ÃÁ·Ñ´;ÒÃà´Ê;ì·Í» â  
´ÃäÀèµéÍ§ºÑ¹·Ö;ËÃ×Í¹Ö;ÖÃà»ÃÕèÂ¹á»Å§ä»ãªé  
ªÓàµ×Í¹: ÃÐºº·ÐÂ;àÃÔ;ìÒÃµÑé§ªèÒ·ÕèªØ³ä´éà»ÃÕèÂ¹á»Å§äÇé

í»ØèÁ "Apply" à¾×èíãªésÒ¹áÅĐ°Ñ¹·ÖijÒÃà»ÃÕèÂ¹á»ÅşµèÒ·ÑésËÁ´  
ÉÃÑŞ¨Òj¹Né¹ãÉéà»Ô´É¹éÔµèÒşµÍ¹â·AA¾Òà¹Å¢Íşâ»ÃájAA¨Ñ´jÒÃá´Éjì·Í»

⌘Ø³ÊÒÁÒÃ¶àÀ×Í;áÍ»¾ÅÔà⌘ªÑ¹áººãĚÁè«Öè§¨Đ¨Ñ´;ÒÃâ´Ââ»Ãá;ÃÁ¨Ñ´;ÒÃà´Ê;ì·Í»ä  
´é â´Âãªéä´ÍĐÅçÍ;ºçÍ;«ì¹Öé



ÃÒÂ¿ÒÃ¹Õéà»ç¹ÃÒÂ¿ÒÃáí»¾ÃÔàªÑ¹.Õè¿ÓÃÑšãééŞÒ¹ÍÂÙèã¹à´Ê¿ì·Í»  
ªØ³ÍÔàÃ×¿¿áí»¾ÃÔàªÑ¹·Ô¿ÃÒÂ¿ÒÃ¹Õé EÃ×ÍÃĐºØáí»¾ÃÔàªÑ¹¿×è¹ àªè¹  
áí»¾ÃÔàªÑ¹.ÕèäÃèä´éãªéŞÒ¹ÍÂÙèã¹¢³Đ¹Õé â´Â¿ÒÃ¿»ØèÃ "Browse"

j'»ØèÁ<sup>1</sup>Õéà¾×èíà»Ô´ă´ÍĐĂçj;°çj;«làĴÀì «Öè§▯Ø<sup>3</sup>àĂ×Í;áí»¾ĂÔà▯ªÑ<sup>1</sup>ÇÔ<sup>1</sup>â  
ÇÊì·Õè"ĐãÉéâ»Ăá;ĂĂ"Ñ´j;ÔÀà Éjì·Í»´Ôà<sup>1</sup>Ô<sup>1</sup>;ÔĂ

í'»ØèÁ¹Õéà¾×èÍÂ×¹ÂÑ¹ăĴÂîâ»ÃájÃÁ·Õè⌘Ø³àÅ×Í;ăĆé  
ăĚéà»ç¹ál»¾ÅÔàªÑ¹ăĚĂè·Õèâ»ÃájÃÁ·Ñ'ıÖÃà'Éì·İ»"Đ´Óà¹Ô¹;ÒÃ

j'»ØèÁ<sup>1</sup>ÕéËÒ;¤Ø<sup>3</sup>äÁèµéÍ§;ÒÃàÅ×Í;áí»¾ÅÔà¤ªÑ<sup>1</sup>ã<sup>1</sup>¢³Ð<sup>1</sup>Õé ÆÐ<sup>oo</sup>·Ð»Ô´ä  
ÍÐÅçí;ºçí;«ì¢Í§áí»¾ÅÔà¤ªÑ<sup>1</sup>ãÉÁè â´ÅäÁèà»ÃÕèÁ<sup>1</sup>á»Å§;ÔÃµÑé§¤èÔã´æ

ä´ÍÐÅçí;¹Õéãªéã¹;ÒÃ»éí¹ª×èlà Êì·Í»¢Í§áí»¾⁄⁄ÅÔàªªÑ¹ãËÁè

»éí<sup>1a</sup>×èlà´Êì·Í»·ÕèÁÕìÒÃà»Ô´áí»¾<sub>4</sub>ÂÔà<sup>a</sup>Ñ<sup>1</sup>ãËÀèäÇéã<sup>1</sup>ä´ÍÐÂçíì<sup>1</sup>Õé <sup>1</sup>íì·Òì<sup>1</sup>Õé  
¤Ø<sup>3</sup>ÂÑŞËÔÀÔÃ¶àÂ×íì<sup>a</sup>×èlà´Êì·Í»·Ôì<sup>a</sup>×èláí»¾<sub>4</sub>ÂÔà<sup>a</sup>Ñ<sup>1</sup>í×è<sup>1</sup>·Õèä´éÃÐ°ØäÇé  
µÑÇíÂèÒ§à<sup>a</sup>è<sup>1</sup> ¤Ø<sup>3</sup>ÍÒ´µéí§ìÒÃãËéà´Êì·Í»¶Í§àÇç°à°ÃÒà«ÍÃìã<sup>a</sup>é<sup>a</sup>×èÍÇèÒ "àÇç°",  
â»ÃáìÃÁÍÒàÃÃìã<sup>a</sup>éÇèÒ "àÃÃì" ¤Ø<sup>3</sup>ÊÁ°ÑµÔÍµ¤ÔÃì¶Í§â»ÃáìÃÃ´Ñ´ìÕÃà  
´Êì·Í»·ÐãËé¤Ø<sup>3</sup>àÂ×íìÒÃ·Ó§Ô<sup>1</sup>¶Í§à´Êì·Í»áí»¾<sub>4</sub>ÂÔà<sup>a</sup>Ñ<sup>1</sup>µèÒ§æ á´é  
´éÇÂµ<sup>1</sup>àí§íÂèÒ§§èÒÃ´ÒÃ

j'»ØèÁ "OK" à¾×èíã<sup>a</sup>é<sup>a</sup>×èíà´Êjì·í»<sup>a</sup>×èíãËÁè ¢Ø<sup>3</sup>·ĐăÁèÊÒÁÒÃ¶jì´»ØèÁ<sup>1</sup>Õéä  
é<sup>1</sup>ÇèÒ¢Ø<sup>3</sup>·Đ»éí<sup>1a</sup>×èíà´Êjì·í»·Õèã<sup>a</sup>éä´é

ı'»ØèÁ "Cancel" ËÖı⌘Ø³ăÁèμεί§ıÖÃ»éı¹ª×èlà´Êıı·Í»ă¹ϕ³Đ¹Ŏé



⌘ÕÂ¼ÊÁ¹Õé´ĐáÊ´Şà⌘ÍÃà«ÍÃÃÙ»ÊÕèàËÃÕèÂÁáº.Öº à¾×èÍãËé⌘Ø³¡ÓË¹  
´µÓáË¹èŞà⌘ÍÃà«ÍÃ¡ÍŞàÁÒËìä´é

àÅ×ÍµÑÇàÅ×Í;¹Õéà¾×èÍãĚĚ¹éÒµèÒ§»ÃÒ;¯·ÕèĚ¹éÒ´Íã  
´Ě¹éÒ´ÍĚ¹Õè§à¾ÕÅ§Ě¹éÒ´Íà´ÕÂÇ ¢³Đ·Õè¤Ø³ãªéàÀÒĚìÃÒ;Ě¹éÒµèÒ§

μÑÇàÅ×í;¹Öé´ÐÁÕ¼ÅµèÍ§¤»»ÃĐj|°ã¹íÔ¹àµíÃìà¿«ŒÍ§¼Ùéãªé¹ÇÔ¹â  
ÇÊìŒÍ§à¤Ã×èÍ§ä¤Ààí¹µì àªè¹ ĀÑjĒ³ĐŒÍ§·ÔÊjì°ŌÃìáĀĐĒ¹éÒµèŌ§ÊÑ°;ÒÃ·Ó§Ò¹

àÅ×íµÑÇàÅ×í¹Öéà¾×èíãªé§Ò¹Ë¹éÒµèÒ§ÊÃÑº;ÒÃ·Ó§Ò¹ «Öè§ä´éÃÑº;ÒÃ;ÓË¹  
´ã¹ãÊÁ´ nView ãËéáË´§¹¼Å·Öè;Öè§;ÀÒ§Ë¹éÒ´í¹;´Ò;¹Öé  
¤Ø³ÃÑ§ÊÒÁÒÃ¶ãªéË¹éÒµèÒ§´Ñ§;ÀèÒÇÊÃÑº;Ñºáí»¾¼ÅÒà¤Ñ¹.Öèãªé§Ò¹ºà  
´Ë;·í»µèÒ§æ ä´éíÖ;´éÇÃ  
Ë¹éÒµèÒ§ÊÃÑº;ÒÃ·Ó§Ò¹¹Öé´Ð»ÃÒ;¬ÖÖé¹àÁ×èí;´¤ÕÂ¹¼ÊÁ ALT+TAB

ıÖÃ·Óà▯Ã×èÍŠËÁÒÂàÅ×Íı·ÖèμÑÇàÅ×Íı¹Öé”Đ·ÓãËéË¹éÒμèÒ§ÊÑºıÒÃ·Ó§Ò¹»ÃÒı  
-<sub>01</sub>ııİÄÒ¾·Öè▯Ø³ıÖË¹’ăÇéàÊÁİ

àÅ×í;íÀÒ¾·Õè∅³µéÍ§;ÒÃãËéáÊ´§Ë¹éÒµèÒ§ÊÅÑº;ÒÃ·Ó§Ò¹ â  
´Å∅³ÊÒÁÒÃ¶àÅ×í;íÀÒ¾·Õèãé§Ò¹ÍÀÙèã¹¢³Ð¹Õéà·èÒ¹Ñé¹

àÅ×íµÑÇàÅ×í¹Õéà¼×èíãĚé·ÒÊìºÒÃì·ÓŞÒ¹ìÑº·ÍÀÒ¼·Íà´ÕÂÇ  
à¼×èí»èíŞìÑ¹ăĂèãĚéÁŌìÒÃãªésÒ¹ŧéÒÁ·ÍÀŌ¼

μÑÇàÀ×ÍjàËÀèÒ¹Õé¨ĐİÓĚ¹ÇÔ Õ·Õèâ»ÃáİÃÁ¨Ñ´İÒÃà´Êİ·Í»İÓĚ¹  
´μÓáĚ¹èŞİİŞĚ¹éÒµèÒŞ»êÍ»ÍÑ» ĀÇÁ¶ÖŠă´ÍĐĀçİ°çİ«İŒéÍŒÇÒÁáĀĐă  
´ÍĐĀçİ°çİ«İŒİŠáÍ»¾ĀŌàŒÑ¹



àÀ×íµÑÇàÀ×í¹Õéà¾×èíãªéŞÒ¹¤Ø³ÊÁºÑµÔ«ÙÁ  
«ÕèŞ´Ð¢ÂÔÂÂÔ¾ã¹ºÃÔàÇ³·ÕèÁÔà¤ÍÃìà«ÍÃì¢ÍŞàÁÔÊìíÂÙè  
ÂÔ¾·Õè¢ÂÔÂªÁéÇ´Ð»ÃÔᵀ¢Õé¹º¹´ÍÂÔ¾ÍÔᵀ´Í«ÕèŞªÁèÁÔà¤ÍÃìà«ÍÃì¢ÍŞàÁÔÊì  
ᵀÔÃàÀ×èí¹à¤ÍÃìà«ÍÃìàÁÔÊìä»·Õè´ÍÂÔ¾Ë¹ÕèŞ  
´Ð·ÓãÊéÂÔ¾·Õè«ÙÁäÇéà»ÃÔèÂ¹ä»áÊ´Ş·ÕèÍÔᵀ´ÍÂÔ¾Ë¹ÕèŞª´ÂÍÑµâ¹ÁÑµÔ  
¤Ø³ÊÁºÑµÔ«ÙÁ´Ð·ÓŞÒ¹ᵀçµèíàÀ×èí¤Ø³ä´éàª×èíÁµèí´ÍÂÔ¾ËÂÔÂ´Íà¢éÒ´éÇÂᵀÑ¹  
áÃÐ¤Ø³ä´éàÀ×íᵀâÊÁ´ᵀÔÂ¢ÂÔÂÂÔ¾ã¹á¹Ç¹Í¹ÊÃ×íá¹ÇµÑéŞäÇéªÁéÇ

àÅ×íµÑÇàÅ×í¹Õéà¾×èÍ¢ÂÒÂÀÒ¾â´ÂãªéÊà;Åáº¿ÔÀàµíÃì (áºº»ÃĐÁÒ³¤èÒ)

⌘⌘³ÊÒÁÒÃ¶ãªéÍµ⌘ÕÂìµèlä»¹Õéà¾₄×èÍ⌘Çº⌘ØÁ⌘Ø³ÊÁºÑµÔ«ÙÁä´é ã¹á·çº Hot Key  
ãÊé⌘ÂÔì·Õè¿ÔÁ`ì áÅĐì´⌘ÕÂì¼₄ÊÁ·Õè⌘Ø³µéÍ§ìÕÃ

ÊÁÒÂàÊµØ: Íµ⌘ÕÂì`ĐäÁè·Ó§Ò¹àÁ×èÍ⌘Ø³à»Ô´á·çº "Zoom" ÊÃ×Í "Hot Keys"  
⌘éÒ§äÇé ·Ñé§¹Õéà¾₄×èÍ»éÍ§ìÑ¹äÁèãÊé⌘Ø³ìÓÊ¹  
´Íµ⌘ÕÂìãÊÁè«éÍ¹ìÑºÍµ⌘ÕÂì·Õèãªé§Ò¹ÍÂÙè

ÎÍµϣÕÂî¹Õé¨Ðà»Ô´ËÃ×Í»Ô´;ÒÃ·Ó§Ò¹ϣØ³ÊÁºÑµÔ«ÙÁ

ÎÍµœÕÂî¹Õéà¾ÔèÁÃĐ´ÑºÏÒÃ«ÙÁÀÒ¾

ÎíµœÕÂî¹ÕéÅ´ÃĐ´ÑºıÒÃ«ÙÁÀÒ¾

¾ÒÃÒÁÔàµíÃì¹Õé¨ĐÃĐ°ØÇèÒÁÕ;ÒÃ»ÃÑ°;ÒÃ«ÙÁÀÒ¾¼;Õè²ÃÑé\$µèÍÇÔ¹Ò·ÕàÁ×è  
ÍăĀèÁÕ;ÒĀàĀ×èÍ¹àÁÒĒì (»iµÔ¨ĐÁÕ;ÒĀ»ÃÑ°;ÒĀ«ÙÁÀÒ¾¼â  
´ÁÍÑµâ¹ĀÑµÔ·Ø;²ĀÑé\$·ÕèàĀ×èÍ¹àÁÒĒì) â»Ā  
¨¨ÓăÇéÇèÔ;ÒĀà¾¼ÕèĀ²èÒă¹¾¼ÒĀÒÁÔàµíÃì¹ÕéÍÒ¨·ÓăĒé»ĀĐĒÔ·,ÔÀÒ¾¼;ÒĀ·Ó\$Ò¹  
¢Í\$ĀĐººĒĀ×ÍáÍ»¾¼ĀÔà²ªÑ¹Ā´Ā\$

⌘èÒã<sup>13</sup>/<sub>4</sub>ÒÃÒÁÔàµÍÃì<sup>1</sup>Õéà»ç<sup>1</sup>µÑÇàÀ¢áÊ´§;ÒÃ´ÕàÃÃîâ  
´ÁÃÕË<sup>1</sup>èÇÃà»ç<sup>1</sup>ÃÕÃÃÕÇÕ<sup>1</sup>Õ·Õ  
jèí<sup>1</sup>·Õè´ÐËÃÑ<sup>0</sup>;ÒÃ«ÙÃÃÕ<sup>3</sup>/<sub>4</sub>´Õj´´ÍÃÒ<sup>3</sup>/<sub>4</sub>Ë<sup>1</sup>Õè§ã»à»ç<sup>1</sup>ÍÕ<sub>l</sub>´´ÍÃÒ<sup>3</sup>/<sub>4</sub>Ë<sup>1</sup>Õè§;ÒÃ  
´ÒàÃÃì<sup>1</sup>Õé´Ð<sup>a</sup>èÇÃ»éÍ§;Ñ<sup>1</sup>ãÃèãËéÃÒ<sup>3</sup>/<sub>4</sub>·Õè«ÙÃãÇé"jÃÐâ´´"ã»ÃÕÃÐËÇèÒ§´´ÍÃÒ<sup>3</sup>/<sub>4</sub>  
ã<sup>1</sup>jÃ<sup>3</sup>Õ·Õè⌘Ø<sup>3</sup>ãÃ×èí<sup>1</sup>à⌘ÍÃìà«ÍÃìàÃÒËì<sup>3</sup>/<sub>4</sub>ÃÒ´ã»ãÇé<sup>01</sup>´´ÍÃÒ<sup>3</sup>/<sub>4</sub>·ÕèáÊ´§ÃÒ<sup>3</sup>/<sub>4</sub>«ÙÃÍÃÙè  
⌘Ø<sup>3</sup>ÍÒ´´µÑé§⌘èÒ<sup>3</sup>/<sub>4</sub>ÒÃÒÁÔàµÍÃì<sup>1</sup>Õéà»ç<sup>1</sup>ËÙ<sup>1</sup>ÃìËÕjãÃèµéÍ§;ÒÃãËéÃÕ;ÒÃ´ÕàÃÃì



àÅ×íµÑÇàÅ×í¹Õéà¾×èíà»ÅÕèÂ¹ÃĐ´ÑºìÒÃ«ÙÁÀÒ¾·ÕèáÊ´şíÂÙè â´Âì´»ØèÁ  
CTRL, ALT áÅĐ SHIFT ¢éÒšăÇé áÅĐàÅ×èí¹â´ÂăéàÁÒÊì

àÅ×ÍjÇèÒ¨Đã<sup>a</sup>é«ÕÂì¼ÊÁă´ĂĐĚÇèÒ§ CTRL, ALT áÅĐ SHIFT à¾×èía»ĂÕèÂ¹ĂĐ  
´ÑºjOĂ«ÚÁâ´Âă<sup>a</sup>éàÁÒÊì

Ë¹éÒÍµÕÂîãªéã¹;ÒÃ»ÃÑºà»ÅÕèÂ¹ÍµÕÂî à¾×èÍ;ÓË¹  
´µÓáË¹è§Ë¹éÒµèÓ§áÍ»¾ÅÕàªÑ¹º¹à´Ëì·Í»´éÇÂµÑÇªØ³àÍS  
**ËÁÒÂàËµØ:** ÍµÕÂî´ÐäÁè·Ó§Ò¹àÁ×èÍªØ³à»Ô´á·çº "Zoom" ËÃ×Í "Hot Keys"  
ªéÒ§äÇé ·Ñé§¹Õéà¾×èÍ»éÍS;Ñ¹äÁèãËéªØ³;ÓË¹  
´ÍµÕÂîãËÁè«éÍ¹;ÑºÍµÕÂî·Õèãªé§Ò¹ÍÂÙè

μÑÇàÀ×í;¹Õé¨ĐäÁèãªé;ÒÃÀ´ÃÍÂËÂÑ;ã¹áí»¾ÀÔàªÑ¹ 3D  
àÀ×í;μÑÇàÀ×í;¹ÕéËÒ;μέί§;ÒÃãËéáí»¾ÀÔàªÑ¹ϕί§ϣØ³ÁÕ»ÃĐÊÔ·,ÔÀÒ¾ÊÙ§ÊØ´

μÑÇàÅ×Í;¹Õé¨ĐăéşÒ¹;ÒÃÅ´ÃÍÂËÂÑ; â´ÂăéâËÁ´ 2x  
âËÁ´¹Õé¨ĐăËé∅³ÀÒ¾¢ÍşÀÒ¾·ÕèªÑ  
´à¨¹áÅĐ»ÃĐÊÔ·ÔÀÒ¾;ÒÃ·ÔşÒ¹¢ÍşáÍ»¾ÅÔàªÑ¹ 3D à¾ÔèÁÊÛş¢Öé¹

μÑÇàÀ×Í¡¹Œé¨ÐàÀ×Í¡à·¤¹Ô¤¡ÒÃÀ´ÃÍÂËÂÑ¡·Œè¶Ù¡μéÍ§·ŒèÁŒã¹ÃŒè¹ GeForce GPU

¤Ø³ÊÁºÑμÔ¡ÒÃÀ´ÃÍÂËÂÑ¡¢Í§ Quincunx ¨Ð·ÓãËéâËÁ´ 4x  
·Œè·Ó§Ò¹ªéÒ¡ÇèÒáμè¨ÐãËé»ÃÐÊÔ·,ÔÀÒ¾·Œè´Œ¡ÇèÔâËÁ´ 2x

μÑÇàÀ×í;¹Õé¨ĐãªésÒ¹;ÒÃÀ´ÃÍÃĚÂÑ; â´ÂãªéâĚÁ´ 4x  
â´Â¨ĐãĚéªØ³ÀÒ¾₄ŦÍŞÀÒ¾₄ÊÙŞÊØ´áµè·ÓãĚé»ÃĐÊÔ·,ÔÀÒ¾₄ŦÍŞáí»¾₄ẢÔàªªÑ¹ 3D  
°ÒŞμÑÇẢ´ẢŞ´éÇẢàªè¹;Ñ¹

μÑÇàÅ×í;1Õé`Đã<sup>a</sup>é⊞Ø<sup>3</sup>ÊÁ°ÑμÔĀ´ĀÍĀĖĀÑ;ă´éă<sup>1</sup>;Ă<sup>3</sup>Õ·Õè⊞Ø<sup>3</sup>ă<sup>a</sup>éâĖÁ´ 4x, âĖÁ´ 9-tap  
(Gaussian)

â´Ā`ĐãĖé⊞Ø<sup>3</sup>ÀÒ¾ŦÍ\$ÀÒ¾ÊÛ\$ÊØ´áμè·ÓăĖé»ĂĐÊÔ·ÔÀÒ¾ŦÍ\$áÍ»¾ĀÔà⊞<sup>a</sup>Ñ<sup>1</sup> 3D  
°Ò\$μÑÇĀ´Ā\$´éÇĀă<sup>a</sup>è<sup>1</sup>;Ñ<sup>1</sup>



μΝÇàÀ×Í<sub>1</sub>Öé¨Ðã<sup>a</sup>é§Ò<sub>1</sub>ÒÃÁ´ÃÍÂËÂÑ<sub>1</sub> â´Âã<sup>a</sup>éâËÁ´ 6x

â´ÂâËÁ´<sup>1</sup>Öé¨ÐãËé<sup>ø</sup>Ø<sup>3</sup>ÀÒ<sup>¾</sup>ϕÍ§ÀÒ<sup>¾</sup>·Öè<sup>a</sup>Ñ´à¨<sup>1</sup><sub>1</sub>ÇèÒâËÁ´ 4X

άμè»ÃÐÊÔ·,ÔÀÒ<sup>¾</sup><sub>1</sub>ÒÃ·Ó§Ò<sup>1</sup>ϕÍ§áÍ»<sup>¾</sup><sub>4</sub>ÃÔà<sup>a</sup>Ñ<sup>1</sup> 3D Á´Ã§

**ËÁÒÂàËμØ:** ÍÂèÒ§äÃ<sub>1</sub>çμÒÁ <sup>ø</sup>èÒ<sup>1</sup>Öé¨ÐÊè§<sup>1</sup><sub>4</sub>Ã<sub>1</sub>ÃÐ·<sup>o</sup>àÁ×èÍã<sup>a</sup>éáÍ»<sup>¾</sup><sub>4</sub>ÃÔà<sup>a</sup>Ñ<sup>1</sup> Direct3D

à·èÒ<sup>1</sup>Ñé<sup>1</sup> ϕ<sup>3</sup>Ð·Öè<sup>ø</sup>Ø<sup>3</sup>ÃÑ<sup>1</sup>áÍ»<sup>¾</sup><sub>4</sub>ÃÔ<sup>a</sup>Ñ<sup>1</sup> OpenGL â»Ãá<sub>1</sub>ÃÁ OpenGL

¨Ðã<sup>a</sup>é<sub>1</sub>ÒÃμÑé§<sup>ø</sup>èÒ<sub>1</sub>ÒÃÁ´ÃÍÂËÂÑ<sub>1</sub>·Öèã<sup>a</sup>éä´é<sup>ø</sup>èÒ¶Ñ´à» (à<sup>a</sup>è<sup>1</sup> <sup>¾</sup><sub>4</sub><sup>o</sup><sup>ø</sup>èÒμΝÇàÀ×Í<sub>1</sub>·Ñ<sup>1</sup>·Ö  
μÒÁ´éÇÂ<sup>ø</sup>èÒ 6x)

μÑÇà×í;¹Öé`ĐãªéªèÒ;ÒÃÁ´ÁÍÄËÃÑ;ÊÛ§ÊØ´â´ÁÍÑμâ¹ÁÑμÔ;Ñªâ»ÃájÃÁ 3D  
«Öè§à»ç¹â»ÃájÃÁ·ÖèÊ¹ÑºÊ¹Ø¹;ÒÃÁ´ÁÍÄËÃÑ;

μÑÇàÅ×Í;¹Öé·ĐãĚé⊞Ø³àÅ×Í;ãªéâĚÁ´;ÒÃÅ´ÃÍÂĚÂÑ;´éÇÂμÑÇ⊞Ø³àÍ§  
ϕ³ĐÃÑ¹áÍ»¾ÅÔà⊞ªÑ¹ 3D

ϣείÁÚÀà;ÕèÂÇ;Ñ°æÈ AGP »ÑˆˆˆÑ¹ã¹àαÃ×éÍσÍÁ¾ÔÇàμíÄĩϣÍσØ³

\*\*μÑÇàÅ×Í<sub>i</sub><sup>1</sup>Öé··ĐăĚé⊞Ø<sup>3</sup>àÅ×Í<sub>i</sub>ã<sup>a</sup>éÍÑμÃÒ AGP ä´é  
´éÇÂμ<sup>1</sup>àÍ\$`Ö<sub>i</sub>ÃĐ<sup>00</sup>ÂèÍÂ¢Í\$ÀÖ<sup>3/4</sup><sub>i</sub>ÃÖ¿Ö<sub>i</sub> ĚÖ<sub>i</sub>⊞Ø<sup>3</sup>ăÁèá<sup>1</sup>èã·ÇèÖ⊞Ø<sup>3</sup>ã<sup>a</sup>éÍÑμÃÒ AGP ä´  
ãĚéàÇé<sup>1a</sup>èÍ\$·Óà⊞Ã×èÍ\$ĚÁÖÂ<sup>1</sup>Öéà»ç<sup>1</sup>ă<sup>00</sup>ăAèä´é·Óà⊞Ã×èÍ\$ĚÁÖÂăÇé  
ĚÂÑ\$`Ö<sub>i</sub><sup>1</sup>Ñé<sup>1</sup>ÃĐ<sup>00</sup>·Đ<sub>i</sub>ÓĚ<sup>1</sup>´ÍÑμÃÒ AGP ĚÛĚĚ´ă´ÁÍÑμâ<sup>1</sup>ÁNμÔ

»ÃÑ°á¶°àÅ×èí¹à¾×èíàÅ×íjãªéíÑµÃÒ AGP ·Õèªªâ  
´ÃÃÐ°°ÀèíÃ¢í§ÃÒ¾iÃÒ¿Öí´éÇÃµ¹àí§

ªèÇÂãËé¤Ø³àÅ×Í¡ÇÔ,Õ·Õèä´ÃàÇÍÃì´Ñ´¡ÒÃË¹èÇÂ¤ÇÒÁ´Ó¡ÒÃáÊ  
´§¼⁄₄Å´Ò¡Ë¹èÇÂ¤ÇÒÁ´Ó¡Í§ÃĐººã´é

ªèÇÂãËéªØ³ÃĐ°Ø´Ó¹Ç¹Ë¹èÇÂªÇÒÁ´Ó†Í§ÃĐºº.Õèãªé  
µÒÁÇÔ,Õ¡ÒÃ·ÕèªØ³ÃĐ°ØăÇéã¹âËÁ´à¿ÃÁºÑ¿à¿ÍÃì»Ñ´´´ØºÑ¹ă´é



ªèÇÂãËéªØ³ÃĐ°ØÇÔ\_Õ"Ñ'¡ÒÃË¹èÇÂªÇÒÁ"Óà¿ÃÁ°Ñ¿à¿ÍÃì àÁ×èÍãªéâËÁ  
´à¿ÃÁ°Ñ¿à¿ÍÃì»Ñ"Ø°Ñ¹ă´é

â»ÃÁiÃÁ PowerMizer ¢Í§ NVIDIA ¨ĐªèÇÂ¤Ø³¤Çº¤ØÁjÒÃãªé¾ÅÑ§§Ò¹¢Í§ GPU  
¤Ø³ÊÒÁÒÃ¶ªèÇÂà¾ÔèÁÍÒÂØjÒÃãªé§Ò¹¢Í§áºµàµÍÃÕèä´éã´ÂjÒÃµÑé§ªèÒà»ç¹  
"»ÃĐÊÃÑ´ä¿ÊÛ§ÊØ´" ÊÃ×íãªé¿ÒÃáÊ´§jÃÖ¿ÔjÍÃèÒ§àµçÁ»ÃĐÊÔ·ÔÃÖ¾¢Í§ GPU â  
´ÃàÃ×Íj·Õè "»ÃĐÊÔ·ÔÃÖ¾ÔÃ·Ó§Ò¹ÊÛ§ÊØ´"

ËÒ;ϣ<sup>3</sup>àÀ×Í;μÑÇàÀ×Í;¹Õé ¨ÐªèÇÃãËé;ÒÃì¨¨ÍáÊ´§<sup>1/4</sup>Å·ÕèÁÕËÀÒÂ¨ÍÀÒ<sup>3/4</sup>  
·Ó§Ò<sup>1</sup>;ÑºÃÐ<sup>00</sup>» ¨ÕºÑμÕ;ÒÃÇÒ<sup>1</sup>ã´ÇÈìä´é áÁéÇèÒ¨ÐÁÕ;ÒÃãÃ;ÒÃμÔ´μÑé§;ÒÃì  
´äÇéã<sup>1</sup>ÃÐ<sup>00</sup>ϣÍ§ϣ<sup>3</sup> 1;¨Ò;¹Õéϣ<sup>3</sup>¨ÐËÒÀÒÃ¨àÀ×Í;ϣÇÒÁÃÐàÍÒÃ´ áÃÐ/ËÃ×ÍÃÐ  
´ÑºËÒϣÍ§ÍØ»ÍÃ<sup>3</sup>;ÒÃãÊ´§<sup>1/4</sup>ÅámèÃÐμÑÇ·Õèàª×èÍÁμèÍÎÙè;ÑºÍÐá  
´»àμÍÃìª<sup>00</sup>ËÀÒÂ¨ÍÀÒ<sup>3/4</sup>ä´é

ıÖÃãé´ÍáÊ´§¼ÅÊİµÑÇâ ÂãéèÒı¹ÇÖàİàÃªÑ¹Ë¹èÇÂÇÖÁ´Ó/GPU èèÒà´ÕÂÇ  
´Đà»ç¹İÖÃİÓË¹´¢él´ÓİÑ´İÑºèèİÖÃáÊ´§¼Å ¢Ø³ÊÖÁÖÃ¶ãé§Ò¹ăÍĐÂçİºçİ«İ  
Windows Display Properties ã¹âĖÁ´¹Öéă´é µÒÁİÖÃİ´´Í¢İ§èèÒı¹ÇÖàİàÃªÑ¹´ÍáÊ´§¼Åà  
´ÖèÂÇ àÁ×èİºØ³ãéÍĐá´»àµÍÃİİÑº´ÍáÊ´§¼ÅÊİ§´Í âĖÁ´·ÖèãéèÇÖÁÂĐàİÕÂ  
´ÊÛ§İÇèèÇİ§´ÍáÊ´§¼ÅË¹Öè§İÒ´ãéăÁèă´éİÑºİÕİ´ÍáÊ´§¼Å·ÖèÇÖÁÂĐàİÕÂ´µèÓİÇèè  
ã¹İÃ³Õ¹Õé ¢Íá¹Đ¹ÓăĖéºØ³àÂ×İèè¼ĖÁ¢İ§âĖÁ´İÖÃáÊ´§¼Å «Öè§èèÇÂăĖéİÖÃİ  
´´ÍÊÖÁÖÃ¶·Ó§Ò¹ă´éÍÂèÒ§¶Ûİµéİ§

j'»ØèÁ¹Õéà¾×èí»ÃÑºà»ÅÕèÂ¹ÊàµíÃÔâí OpenGL áÅĐµèÒ;ÒÃ«éí¹ÀÒ¾ â»Ã  
´ÊÑ§à;µÇèÒ »ØèÁ¹Õé·ĐãªésÒ¹ă´éàÁ×èíµØ³ãªésÒ¹µÑÇàÅ×í; "Enable quadbuffered stereo API"  
«Öè§ÍÂÙèã¹ºçí;«ìÃÒÂ;ÒÃáÃ;¢í§Ě¹éÒµèÒ§ÃÒÂ;ÒÃ¹Õéà·èÒ¹Ñé¹

[illegible]

ãĖé¸ð³ãªéÊàµíÃÔâí OpenGL ä´é  
ĖÖ;¸ð³µéí§;ÔÃãªé§Ò¹â»ÃájÃÁÊàµíÃÔâí¾¼ÃéíÁ;ÑºàĀ¹ÊªÑµàµíÃì ĖÃ×ÍÔÃì´áÇÃìí×è¹  
ă´ÃàÇíÃìċí§ NVIDIA `ĐàíÇ;«ì»ÍÃìµÃÙ»áºº¾¼Ô;à«Āċí§ÊàµíÃÔâí OpenGL áĀĐ`Ñ  
´Ė¹èÇĀ¸ÇÒĀ`ÓãĖéãªé;Ñºâ»ÃájÃÁÁí»¾¼ĀÒà¸ªÑ¹ Stereoscopic áĀĐ Monoscopic ä  
´éã¹àÇĀÒà`ÖĀÇ;Ñ¹

ĖĀÖĀàĖµØ: ãªéµÑÇàĀ×Í;¹ÖéàĀ×èí´´Óà»Ç¹à·èÒ¹Ñé¹  
â»ÃájÃÁÁí»¾¼ĀÒà¸ªÑ¹ºÒ§â»ÃájÃÁ`ĐàĀ×Í;ÃÙ»áººÊàµíÃÔâíâ´ĀíÑµâ¹ĀÑµÔ  
ã¹ċ³Đ·Öèâ»ÃájÃÁí×è¹ÍÒ´´Đ·Ó§Ò¹ă  
´éăĀè¶Ů;µéí§àĀ×èí¸ð³ãªéÃÙ»áºº¾¼Ô;à«ĀÊàµíÃÔâí

ĖĀÖĀàĖµØ: ¸ð³ăĀèÊÒĀÒÃ¶ŮãªéÊàµíÃÔâí OpenGL  
áĀĐ¸ð³ĖĀºÑµÔ;ÔÃ«éí¹ĀÒ¾¼ã¹àÇĀÒà`ÖĀÇ;Ñ¹ ;ÔÃ  
´ÙÊàµíÃÔâí´´Óà»Ç¹µéí§ĀÖĖ¹èÇĀ¸ÇÒĀ`Óċí§ĀÒ¾¼;ĀÒ¿Ô;í×è¹æ  
áĀĐÍÒ`ăĀèíĀÙèã¹ĖèÇ¹¸ÇÒĀĀĐàíÔĀ´·Ñé§ĖĀ´ ¸ð³ÍÒ´µéí§Ā´¸ÇÒĀĀĐàíÔĀ´ĖÃ×ÍĀĐ  
´ÑºĖÖ ĖÖ;¸ð³»ĀĐĖº»ÑĖÖ;Ñº;ÔÃ´ÙÊàµíÃÔâí

ä´ÃàÇÍÃì NVIDIA Ê¹ÑºÊ¹Ø¹ÎÒÃì´áÇÃìÊàµíÃÔâíã¹ËÅÒÃÃÙ»áºº ËÒ;¤Ø³ãªéÎÒÃì  
´áÇÃìÊàµíÃÔâí×è¹.ÕèäÁèãªèèè´Õ¿ÍÅµì ¤Ø³µéÍßàÅ×Í;âËÁ´;ÒÃáÊ  
´ß¼⁄⁄Å´Ò;ºÇÍ;«ìÃÒÃ;ÒÃ



àÅ×ÍµÑÇàÅ×Í¹ÖéàÅ×èÍµØ³ãªé ELSA 3D REVELATOR(TM) ËÃ×ÍÍĐá  
´»àµÍÃì·Öè·ÓŞÒ¹ÃèÇÁµÑ¹ă´éà·èÒ¹Ñé¹ â´ÂÍĐá´»àµÍÃìàËÃèÒ¹Öé´Đá»ÅŞÊÑ-  
Ò³·ÍÀÒ¾à»ç¹ 3-pin-DIN áººă´éÁÒµÃºÒ¹ «ÖèŞãªéµÑ¹ă¹ÎÒÃì´áÇÃìÊàµÍÃÔâía´ÂÊèÇ¹ăËè  
**ËÁÒÂàËµØ:** µØ³ăÁè´Óà»ç¹µéÍŞãªéÍĐá´»àµÍÃì¹Öé ËÒµµÒÃì´´ÍÇÍŞµØ³ÁÕªèÍŞàÊÕÂº 3-  
pin-DIN áººµÔ´µÑéŞã¹µÑÇ

àÅ×íµÑÇàÅ×í¹ÖéËÒ;¤Ø³àª×èÍÁµèÍ´Íáª¹áª auto-stereo à¢éÒ;Ñº;ÒÃĩ´´Í¢Í§¤Ø³

àÀ×ÍµÑÇàÀ×Í¹ÖéËÖ;¤Ø³ÁÕÎÒÃÿáÇÃîÊàµíÃÔâí·Öèãªé\$Ò¹ãÁèä´é

ËÖ;¤Ø³µéÍ\$;ÒÃãªéµÑÇàÀ×Í¹Öé ¤Ø³´Óà»ç¹µéÍ\$µèíâ»Ãà´;àµíÃîà¢éÖ;Ñº;ÒÃî  
´´íáºÊí\$ªèÍ «Öè\$·Ó\$Ò¹ÃèÇÁ;Ñº NVIDIA GPU àªè¹ ÃØè¹ Quadro2 MXR (ËÃ×Í  
GeForce2 MX/GeForce2 Go) â´ÂàÀ×Í;ãªé\$Ò¹âËÁ´ nView Close ´Ö;¾Òà¹Á¢Í\$ nView  
ªèÍ\$;ÒÃáÊ´\$¼ÁË¹Öè\$ªèÍ\$´ÐáÊ´\$;ÒÃÁÍ\$àËÇ¹ÀÒ¾´´Ò;µÒ¢éÒ\$«éÒÃáÃÐ¢éÒ\$¢ÇÒ

µÑÇàÀ×Í¹Öé´Ðãªé\$Ò¹ä´é;Ñº;ÒÃî´áºËÀÒÂªèÍ\$

ËÒ; ; ÒÃì´´´ÍϕÍ§¤Ø³ÁÕªèÍ§àÊÕÂ° 3-pin DIN á°µÔ´µÑé§ã¹µÑÇ  
ãËéàÅ×ÍµÑÇàÅ×Í¹Õéà¾×èÍãé§Ò¹¤Ø³ÊÁ°ÑµÔ¹Õé ã¹;Ã³Õ¹Õé ¤Ø³ãÁè´´Óà»ç¹µéÍ§µÔ  
´µÑé§ÍÐ´´»àµÍÃìà¾ÔèÁàµÔÁ àªè¹ ÍÐ´´»àµÍÃì·Õè´´Ñ´Êè§ÁÒ¾ÃéÍÁ;Ñ° ELSA 3D  
REVELATOR(TM) ËÃ×ÍàÅ¹Êì StereoGraphics(R) ¤Ø³ÊÒÁÒÃ¶µèÍÒÃì  
´áÇÃìÊàµÍÃÒâìàϕéÒ;Ñ°; ÒÃì´´´Íä´éâ´ÂµÃ§ â´ÃãéªèÍ§àÊÕÂ° 3-pin-DIN

àÅ×íµÑÇàÅ×í¹ÖéËÒ;⊞Ø³ãªéÍĐá´»àµíÃì·Öè´Ñ´ÊèŞÁÒ¾ÃéÍÁ;Ñº StereoGraphics(R)  
StereoEyes(R) ËÃ×í¼ÅÔµÀÑ³±ì×è¹·Öè·ÓŞÒ¹ÃèÇÁ;Ñ¹ă´é   â´ÂÍĐá  
´»àµíÃìàËÃèÒ¹Öè´Đá»ÅŞÊÑÒ³´ÍÀÒ¾ãËéàÇéÒ;ÑªªéÍŞàÊÕÂº DIN áºº 3-pin  
·Öèă´éÁÒµÃºÒ¹ «ÖèŞãªé;ÑºÍÒÃĩ´áÇÃìÊàµíÃÔâĩâ´ÂÊèÇ¹ăËè

**ËÁÒÂàËµØ:** ⊞Ø³ãªªè´Óà»Ç¹µéÍŞãªéÍĐá´»àµíÃì¹Öé ËÒ;ìÒÃì´´ÍÇÍŞ⊞Ø³ÃÕªèÍŞàÊÕÂº 3-  
pin-DIN áººµÔ´µÑéŞã¹µÑÇ

<http://www.stereographics.com/html/se.htm> ã¹Ĵ³Œ·Œèø³ăĂèàËç¹ălȚàȚıμîÊàmİÃÔâl  
ãĖĕàÅ×ĭıμÑÇàÅ×ĭı¹Œéà¾₄×èÎĖÑº;ŌÄ´ÙÀŌ¾₄«ēŌÁáÂĐƧÇŌ  
ĖÅ×ıμø³İŌˆˆŌà»ç¹μÉİšăéşŌ¹μÑÇàÅ×ĭı¹Œé;ÑŉˆÍáĖˆš¼₄·ŒèÁŌİŌ¹à·ÍÃìàÀ«á¹ÇμÑés  
áÂĐă¹âĖÁˆăĂèăăéşŌ¹

μÑÇàÅ×í;¹Öé¨ĐãªéĚ¹èÇÂ⌘ÇÒÁ¨ÓÁÒ;¾Í·Öè¨ĐãªéŞÒ¹áÁ»¾×é¹¹¼ÔÇă´é â  
´ÂÊÒÁÒÃ¶à¾ÔèÁ»ÃĐÊÔ·ÔÀÒ¾ãĚé;Ñª»Ãá;ÃÁ·ÖèµéÍŞ;ÒÃ¾×é¹¹¼ÔÇÁÒ; â  
´ÂÊèŞ¼Åµèí»ÃĐÊÔ·ÔÀÒ¾¶ÍŞâ»Ãá;ÃÁ·ÖèăÀèµéÍŞ;ÒÃ¾×é¹¹¼ÔÇà¾ÖŖşàĂç;¹éíĀà·è  
Ò¹Ñé¹

μÑÇàÅ×í<sub>1</sub><sup>1</sup>Öé`Đã<sup>a</sup>é trilinear filtering â  
´ÂäÁè¤Ó<sup>1</sup>Ö§ÇèÒâ»Ãá;ÃÁáí»¾<sub>4</sub>ÅÔà¤ªÑ<sup>11</sup>Ñé<sup>1</sup>μέί§;ÒÃã<sup>a</sup>é;ÒÃ¿.ÔÅàμίÃìá<sup>001</sup>ÖéËÃ×íäÁè  
«Öè§ÊÒÁÒÃ¶à¾<sub>4</sub>ÔèÁ¤Ø<sup>3</sup>ÀÒ¾<sub>4</sub>ϕÍ§ÀÒ¾<sub>4</sub>ã<sup>1</sup>áí»¾<sub>4</sub>ÅÔà¤ªÑ<sup>1</sup> 3D



