

Fj Zhi ʔdc°9V[ZX&V, %

6hhZhbb Zci	I Zhi	9db Vʔ	H ʔaa	9^ Xj ʔn
H6l	GZWʔc\ ʔcYʔL gʔʔc\	: nēgʔhhʔdcʔd[ʔ>ZVh	G] ZidgXVa Hnci] Zhʔh	

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6[bWXˊ4 ʔf ʔg XʔUXfgTafj XeˊgWXfVeUXf ʔg XʔeXTfbaˊ5[bfT_Xʔf gXTˊ j TagXWgbʔghW ʔg XʔfghVgheXf ʔYUʔeWaXf gʔ ʔg Tgʔf ʔbʔfTI Žg XʔfghW ʔʔceˊ Tel T\ ˊ !

6[bWXˊ5 ʔf ʔaVbeeXVgʔG ʔf V[bWXWbXfaʔgceXfXag ʔg Xʔceˊ Tel T\ ʔbYg XʔeXfXTeV[ʔghW! ʔgWXfVeUXf [bj ʔg XʔfghW j beˊXWŽUhgabgj [I ʔgj Tf WbaXIˊ6[bWXˊ6 ʔf ʔaVbeeXVgʔG ʔf V[bWXWbXfaʔgceXfXag ʔg Xʔceˊ Tel T\ ʔbYg XʔeXfXTeV[ʔghW! ʔgWXfVeUXf TʔeXfh_gbYg XʔXkcXeˊ XagŽUhgabgj [I ʔgj Tf ʔTeˊXWbhgˊ6[bWXˊ7 ʔf ʔaVbeeXVgʔG ʔf V[bWXWbXfaʔgceXfXag ʔg Xʔceˊ Tel T\ ʔbYg XʔeXfXTeV[ʔghW!

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Fj Zhi ʔc°9°+X Y[* Y&

6hhZhnb Zci	I Zhi	9db Vʔ	H ʔaa	9^ Xj ʔn
H6l	GZWʔc\ ʔcYʔL gfʔc\	: nēgʔhhʔcʔd[ʔ>ʔZVh	G] ZidgʔXVa Hnci] Zhʔh	

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6[bWXˊ4 ʔf ɡ[XˊUXfgTafj XeˊG[ʔf V[bWXˊXˊ c[TfʔnXf T WYXexa VXˊUXg XXa ɡ[Xˊg bˊUbb^f ʔl ʔhfʔaZ ʔeX_Xi Tag ʔaYbeˊ Tgba ʔebˊ ɡ[XˊabgXf ɡb ʔbagaTfgg[XeˊZXaeXf!N

6[bWXˊ5 ʔf ʔaVbeeXVgˊG[ʔf V[bWXˊˊ Xagba f T WYXexa VXˊUXg XXa ɡ[XˊUbb^f ʔg[XeˊWYXexaggb c ʔVf ʔZUhgˊg Xˊ c[TfʔnXf T ʔfˊˊ ʔTegˊ UXg XXa ɡ[XˊUbb^f ʔg[Xeˊaˊl hXa VXˊba ʔeTWXef ʔl 6[bWXˊ6 ʔf ʔaVbeeXVgˊG[ʔf V[bWXˊcebi WYX ʔaYbeˊ Tgba TUbhgɡ[XˊUbb^f ɡ[TgeXl XVgˊUbɡ[T ʔfˊˊ ʔTegˊ ʔlUbɡ[ʔeXfh_gXWˊaˊaXj ˊTj ʔf ʔlTaWT WYXexa VXˊʔg[XˊfcXVĖV ˊTj ʔf ɡ[TgeXfh_gXWˊj ʔg[bhgXˊ c[TfʔmaZ Xg[Xeˊ6[bWXˊ7 ʔf ʔaVbeeXVgˊG[ʔf V[bWXˊWbXfa ʔgXˊ c[TfʔnXT WYXexa VX UXg XXa ɡ[Xˊg bˊUbb^f!<afgXTWZgXˊ c[TfʔnXf T ʔfˊˊ ʔTegˊ!

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Fj Zhi^dc°9°+) Z- - X* -

6hhZhbb Zci	I Zhi	9db V^c	H^ ^aa	9^ Xj an
H6l	GZW^c\ ^cY^L gf^c\	: negzhh^dc^d[^°>ZVh	G] ZidgXVa Hnci] Zh^h	

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6[bWX^4 ^f^g X^UXfgTafj Xe^gWXfVeUXf j [TgT^fbaV^@XWgTgba^fZTaWg^Xa^ZvXfTa^XkT^ c_X^a^g^X^be^by @XWgTgba^KI <<4

6[bWX^5 ^f^aVbeeXVg^G[^f^V[bWX^WXfVeUXf j [TgT^fbaV^@XWgTgba^fZUhgWbXfa^gZvX^Ta^XkT^ c_X^bybaX!6[bWX^6 ^f^aVbeeXVg^G[^f^V[bWX^ZvXfTa^XkT^ c_X^byT^fbaV^@XWgTgba^fZUhgWbXfa^gXkc_T^a^j [TgT^X^XWgTgbafTeX!6[bWX^7 ^f^aVbeeXVg^G[^f^V[bWX^WbXfa^gWXfVeUXj [TgT^fbaV^@XWgTgba^fZf!

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Fj Zhi ʔc°9V[- - X) , V

6hhZhbb Zci	I Zhi	9db Vʔc	H ʔaa	9^ Xj ʔn
H6l	GZWʔc\ ʔcYʔL gfʔc\	: neǰzhʔcʔd[°>ZVh	G] ZidgXVa Hnci] Zhʔh	

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6[bWXˊ4 ʔf ǰ XʔUXfgTafj XdʔG[ʔf V[bWXʔagbWʔhVXfʔJ baZTaW/ : ; Fʔa Ta TVgʔi XTaWʔcXVʔEVj TI ŽTf ʔYgbTa
ThVWXaVXʔhaYTˊ \Tej ǰ ǰ XʔfXeXf!<ǰTfbʔfXgʔhcǰ Xʔgˊ XTaWZXaeXʔbYǰ Xj XUʔfXeXfŽj [W[TeXʔhfXʔh_j TI f ǰb
ʔagbWʔhVXǰ XʔfXeXf ʔbYXi Xagʔ ʔa TʔaTeeTgʔi X!

6[bWXˊ5 ʔf ʔaVbeeXVgʔG[ʔf V[bWXʔfa ǰgfʔhǰXWʔbeUXZʔaaʔaZ TʔaTeeTgʔi X!ˊ4 aTeeTgʔi Xʔf Tʔfǰbd ǰ TgYb_bj f TʔfXdhXaVX
ʔbYXi Xagʔ TaWWeXTǰf ʔagXeXfgTaWʔhfʔcXafXʔbeǰ XʔeXTWXdʔG[ʔf V[bWXʔ]hˊ cf ǰbǰ XʔaVŽXkc_TʔaʔaZǰ XʔfhWXff ʔbY
/ : ; Fj ǰ bhgXkc_TʔaʔaZj [Tgʔgʔf!ˊ6[bWXˊ6 ʔf ʔaVbeeXVgʔG[ʔf V[bWXʔfa ǰgfʔhǰXWʔbeUXZʔaaʔaZ TʔaTeeTgʔi X!<ǰ
VbXfa ǰgTVghT_ ʔagbWʔhVXǰ Xj XUʔfXeXf UI ʔaTˊ X!<ǰ]hfǰgʔ]hˊ cf ǰb_TǰXeʔa ǰ Xʔfǰbd j ǰ bhgʔfhYEVXagXkc_TaTgʔba!
6[bWXˊ7 ʔf ʔaVbeeXVgʔG[ʔf V[bWXʔf ʔbgi Xd ʔXYXVgʔi XʔbeUXZʔaaʔaZ TʔaTeeTgʔi X!<ǰVbXfa ǰgXkc_Tʔa j [Tg/ : ; FʔfŽTaW
ǰVbXfa ǰgˊ Xagʔba J baZ!

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Fj Zhi ʔc°ᵑ°[YY. V(+%

6hhZhbb Zci	I Zhi	9db Vʔ	H ʔaa	9^ Xj ʔn
H6l	GZWʔc\ ʔcyʔL gʔʔc\	: nēgʔhhʔcʔd[°ᵑZVh	G] ZidgXVa Hnci] Zhʔh	

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6[bWX'6 ʔf ʔᵍ XUXfgTafj XdʔG[ʔf V[bWXʔhfXf Tʔdhbgʔgba ʔᵍ Vbai XI ʔᵍ XThᵍ bef¹VeᵍWVʔ TaWW[T_XaZXʔᵍᵍ X j bbWʔj WXj XUᵍ Xbel ʔWhXᵍᵍTa TufXaVXʔbYXi WWA VX!

6[bWX'4 ʔf ʔaVbeeXVᵍᵍG[ʔf V[bWXWbXfa ʔᵍX c[TfʔnXTʔcbᵍXagʔT_cebU_X j ʔᵍᵍᵍ Xj bbWʔj WXj XUᵍ Xbel !ᵍghfXf T dhbgʔgba ʔᵍ ʔagbWhVXᵍᵍ Xᵍᵍ Xbel TaWᵍᵍ beZʔaTᵍᵍᵍᵍWbXfa ʔᵍ Xagba Tal ʔeᵍᵍWVʔ beV[T_XaZXʔᵍᵍᵍ Xᵍᵍ Xbel !

6[bWX'5 ʔf ʔaVbeeXVᵍᵍG[ʔf V[bWXʔhfXf Tʔdhbgʔgba ŽUhᵍᵍᵍWbXfa ʔᵍX c[TfʔnXTʔcbᵍXagʔT_cebU_X j ʔᵍᵍᵍ Xj bbWʔj WX j XUᵍ Xbel !ᵍghfXf T dhbgʔgba ʔᵍ WkfVeUXᵍᵍ XTccXT_TaWagXeXfgbYᵍᵍ Xᵍᵍ Xbel ŽUhᵍᵍᵍWbXfa ʔᵍ ʔaVWVTᵍᵍj [I ʔᵍ X Thᵍ bef TeXVbaVXeaXWbej [TᵍXi WWA VXᵍᵍ XI [Ti Xi! 6[bWX'7 ʔf ʔaVbeeXVᵍᵍG[ʔf V[bWXWbXfa ʔᵍhfXT dhbgʔgba TᵍT_! ᵍᵍcTeTc[eTfXf ʔᵍ X Tʔa WXTʔbYᵍᵍ X%#%ᵍᵍᵍᵍghW ŽUhᵍᵍᵍWbXfa ʔᵍ ʔaV_hWKTal ʔcXVÉVj beWʔ beʔc[eTfXf ʔeʔ ʔᵍ Xʔabᵍᵍf!ᵍᵍ T_fbWbXfa ʔᵍX c[TfʔnXTʔcbᵍXagʔT_cebU_X j ʔᵍᵍᵍ Xᵍᵍ Xbel ŽUhᵍᵍᵍᵍ Xeᵍᵍ cbch_Teᵍᵍ !

Fj Zhi ^dc°9°+' ' V(* &Y

6hhZhnb Zci	I Zhi	9db V'c	H' 'aa	9^ Xj an
H6l	GZY'c\ VcY'L gf'c\	: neZh'h'dc'd[°>ZVh	G] ZidgXVa Hnci] Zh'h	

The diagram shows a 3D coordinate system with three axes: x (horizontal), y (vertical), and z (diagonal). A point is marked with a dot in the 3D space. A line segment connects the origin to the point. The diagram illustrates the relationship between the axes and the point in 3D space.

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6[bWX7`f`g`XUXfgTafj`Xe`g`T^Xf`TZXaXeT_mTgba`q`g`XVba|`Wg[`TWT`_f`gaZ`\`cTVq||TaWg[`Xa`fhccbef`vj`v`
Xi`WkVaX`q`g`XTggXagba`TaWcebXVgbaf`j`XeX`exfh`g`bYg`XVba|`Wg`

6[bWX'4`f`f`aVbeeXVg`G[f`V[bWXWbXfa`g` T^X`T`ZXaXeT`nTgba`Tubhg`d`X`Vba| Wg`g`WkfVeUXf`T`f`cXV`E`V`Xi`Xag`Yeb`
d`X`Vba| Wg`6[bWX'5`f`f`aVbeeXVg`G[f`V[bWX` T^X`f`T`ZXaXeT`nTgba`Tubhg`d`X`4`g`Vba| Wg`Z`UhgWbXfa`g`f`hccbegV`
6[bWX'6`f`f`aVbeeXVg`G[f`V[bWX` T^X`f`T`f`g`g`X`agTubhg`d`X`T`Y`X`e`T`g`b`Y`d`X`Vba| Wg`Z`UhgWbXfa`g`f`hccbeg`d`G[X`
f`g`g`X`ag`f`T`f`b`T`g`g`X`g`b`b`f`cXV`E`V`g`b`UX`T`ZXaXeT`nTgba!

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