



































































Image Window Options					
Options <u>View Control</u> <u>Mode</u> <u>Unito</u> Retio Reset	Ctrl+V Ctrl+Z Ctrl+Z Ctrl+F	The <i>View Control</i> option lets you set various aspects of how the scene will appear.			
AutoAves Set Background Color Display Rotation Globe Rendering Options Image Depth Throttle Change Image Name Control Panel Access	⊳ [№] View Con	trol Xahara (Srba)	Sama aa kha Mada antian		
	Mode: Set View: Projection: View Angle:	Rotate	Set a pre-defined view Specify Perspective or Orthographic 3D projection		
Oregon State University	Close	Reset Ctrl+F	If using Perspective, this specifies the field-of-view angle. The larger this number, the more severe the perspective will be. mjb – November 27, 2006		





Printing to a File ("logging")				
	Checkbox to turn logging on/off			
🖾 Message Window				
Fil Edit Execute Commands Options Help				
Log				
001 1.603 1.623 1.554 Close Ctrl+W	Specify the file to write to			
String "positions" Component number 1, name "positions": Product Array 2 terms Product Term (1: Remular Array 2011 items finat real 2-vector				
start value [0, 0], deta [1, 0], for 201 repetitions Product term 1: Regular Array. 105 items, float, real, 2-vector start value [0, 0], deta [0, -1], for 105 repetitions Attribute. Name "deta [0, -				
String, "positions" Component number 2, name "connections": Mesh Array, 2 terms. Mesh Order 0, 0				
Mesh term 0: Path Array. connects 201 litems Mesh term 1: Path Array. connects 105 litems Attribute. Name element type: Strino. "musde"				
Attribute Name dep's String "connections" Attribute Name 'ref:				
Component number 3, name "box": Generic Array 4 items float real 2-vector				
data values: 0 -104				
0 0 200 -104				
200 0				
Attribute. Name der: String. "positions"				
String, "field0"				
University	mjb – November 27, 2006			

























































Converting a MIFF Animation File into an Animated GIF File using the ImageMagick Package				
Type: convert anim.miff anim.gif (where anim is the name of your MIFF animation file written from the <i>Image</i> module)				
🔤 Command Prompt	- x			
-unsharp geometry sharpen the image -verbose print detailed information about the image print version information -view FlashPix viewing transforms -vignette geometry soften the edges of the image in vignette style -virtual-pixel method -wave geometry alter an image along a sine wave -weight type render text with this font weight -white-point point chromaticity white point -white-threshold value forces all pixels above the threshold into white -write filename write images to this file By default, the image format of 'file' is determined by its magic number. To specify a particular image format, precede the filename with an image format and a colon (i.e. psiimage) or specify the image type as the filename suffix (i.e. image.ps). Specify 'file' as '-' for standard input or output. Z:\CS419h Z:\CS419h>_ Mttp://www.imagemagick.org				
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	Ganging Inte	ractors	
🕅 Control Panel			
File Edit Execute Panels Options	Help		
Contour Elevation: Hel	ight Exagerration:		
You can place all Interactors in a single w	vindow by using		
the middle mouse button to drag them of	over. This copies	8 Control Pagel	
in its original window and Edit-Delete it	original interactor	File Edit Execute Panels	Options <u>H</u> elp
		Set Style Set Dynensionality Set Layout Set Attributes Set Label. Delate Add Element	Ctri+Backspace
		Show Selected Interactor(s)	•)
		Show Selected Tool Comment	Manipu
			mjb – November 27, 2006





















aquamarine	darkturquoise	lightgrey	midnightblue	springgreen
black	dimgray	lightsteelblue	navy	steelblue
blue	dimgrey	limegreen	navyblue	tan
blueviolet	firebrick	magenta	orange	thistle
brown	forestgreen	maroon	orangered	turquoise
cadetblue	gold	mediumaquamarine	orchid	violet
coral	goldenrod	mediumblue	palegreen	violetred
cornflowerblue	gray	mediumforestgreen	pink	wheat
cyan	green	mediumgoldenrod	plum	white
darkgreen	greenyellow	mediumorchid	red	yellow
darkoliveggreen	grey	mediumseagreen	salmon	yellowgreen
darkorchid	indianred	mediumslateblue	seagreen	
darkslateblue	khaki	mediumspringgreen	sienna	
darkslategray	lightblue	mediumturquoise	skyblue	
darkslategrey	lightgray	mediumvioletred	slateblue	





























Vi	sualizing P (e.g., Digi	oints on a tal Elevatio	Scattered n Mapping	Grid J)
	West→East	South→North	Elevation	
	-360.78 -360.75	128.438 128.428	2.25 2.31	
	-360.80 -360.81	128.405 128.370	2.20 1.99	
	-360.91 -361.00	128.369 128.359	1.75 1.65	
	-361.16 -361.21	128.354 128.344	1.77 1.70	
	-361.25	128.344	1.76	
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