

LAB 5 REPORT: MORPHING

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CZ2003 Computer Graphics and Visualization | Nanyang Technological University

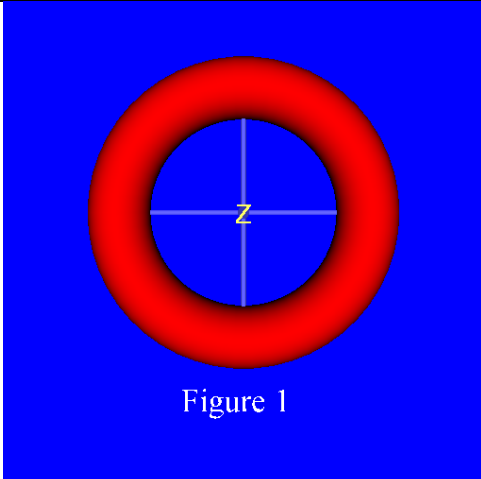
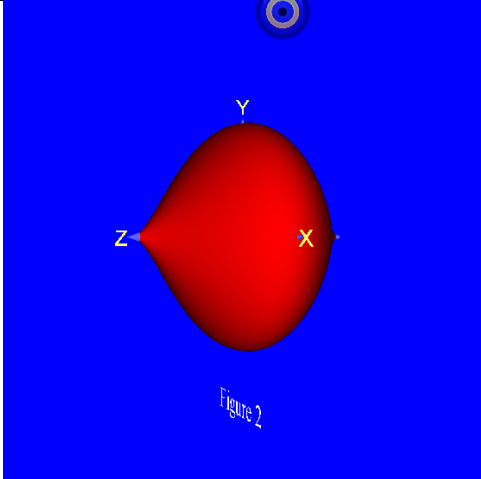
Displaying figures

Number in the attendance list = 6

Number of the group (SSR1) = 1

Figure1 = 6

Figure2 = Figure 1 + 1 = 7

Figure 1	
	<p>Figure 1</p> <ul style="list-style-type: none">• “figure1.wrl”• $x=(1+0.25*\cos(2*\pi*u))*\cos(2*v*\pi)$• $y=(1+0.25*\cos(2*\pi*u))*\sin(2*v*\pi)$• $z=0.25*\sin(2*\pi*u)$• Par. domain $[0, 1][0, 1]$• Sampling resolution 50
Figure 2	
	<p>Figure 2</p> <ul style="list-style-type: none">• “figure2.wrl”• $x=\cos(0.5*4*\pi*u)*(\sin(\pi*v))^3$• $y=\sin(0.5*4*\pi*u)*(\sin(\pi*v))^3$• $z=\cos(\pi*v)$• Par. domain $[0, 1][0, 1]$• Sampling resolution 50

Animated morphing from figure 1 to figure 2

