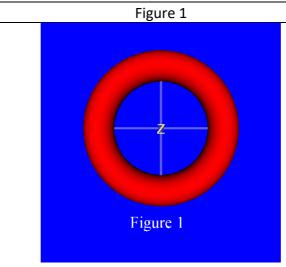
LAB 5 REPORT: MORPHING

Escobero Hernández Guillermo (N1804693E) (SSR 1)

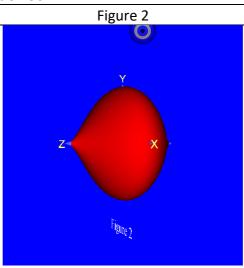
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Displaying figures

Number in the attendance list = 6 Number of the group (SSR1) = 1 Figure1 = 6 Figure2 = Figure 1 + 1 = 7

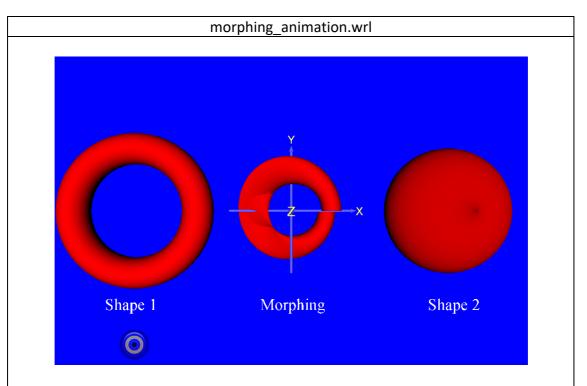


- "figure1.wrl"
- x=(1+0.25*cos(2*pi*u))*cos(2*v*pi)
 y=(1+0.25*cos(2*pi*u))*cos(2*v*pi)
 z=0.25*sin(2*pi*u)
- Par. domain [0, 1][0, 1]
- Sampling resolution 50



- "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



The sampling resolution value is adjusted to the minimum possible. 35 was the value chosen. With this value we get decent graphics for this case.