*Escobero Hernández Guillermo (N1804693E) (SSR 1)*

*CZ2003 Computer Graphics and Visualization | Nanyang Technological University*

*Lab 5 report: Morphing*

*[Subtítulo del documento]*

# Displaying figures

Number in the attendance list = 6

Number of the group (SSR1) = 1

Figure1 = 6

Figure2 = Figure 1 + 1 = 7

|  |
| --- |
| Figure 1 |
| * “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 |
| Figure 2 |
| * “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

|  |
| --- |
| morphing\_animation.wrl |
| 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. |