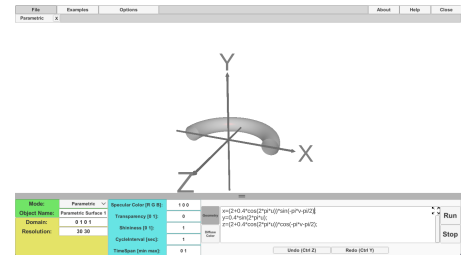


Q1. Curve defined:

$$\begin{cases} x = 0.4 \cos \alpha + 2 \\ y = 0.4 \sin \alpha \end{cases}$$

the rotation is XY about Y , clockwise

$$\begin{cases} x = (0.4 \cos(2\pi u) + 2) \cdot \sin(-\pi v - \frac{\pi}{2}) \\ y = 0.4 \sin(2\pi u) \\ z = (0.4 \cos(2\pi u) + 2) \cdot \cos(-\pi v - \frac{\pi}{2}) \end{cases}$$



Q2 Curve defined

$$\begin{cases} y = 0.5 \sin(4\alpha) \cos(\alpha) + 1 \\ z = 0.5 \sin(4\alpha) \sin(\alpha) + 1 \end{cases}$$

the rotation is ZY through Y for $\frac{3}{2}\pi$ clockwise
 the sweeping along Y from 1 to -1

$$\begin{cases} x = (0.5 \sin(2\pi \cdot 4u) \cdot \sin(2\pi u) + 1) \cdot \sin(-\frac{3}{2}\pi v) \\ y = (0.5 \sin(2\pi \cdot 4u) \cdot \cos(2\pi u) + 1) + v(-1-1) \\ z = (0.5 \sin(2\pi \cdot 4u) \cdot \sin(2\pi u) + 1) \cdot \cos(-\frac{3}{2}\pi v) \end{cases}$$

