

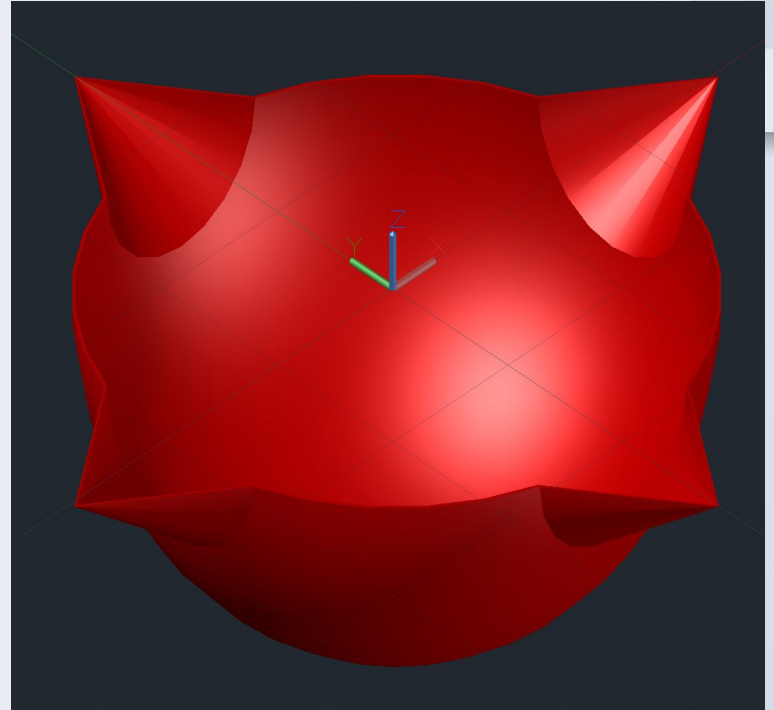
# Reto Mortero Valenciano

**William Andres Baquero R**  
**Federico Torres Mojica**

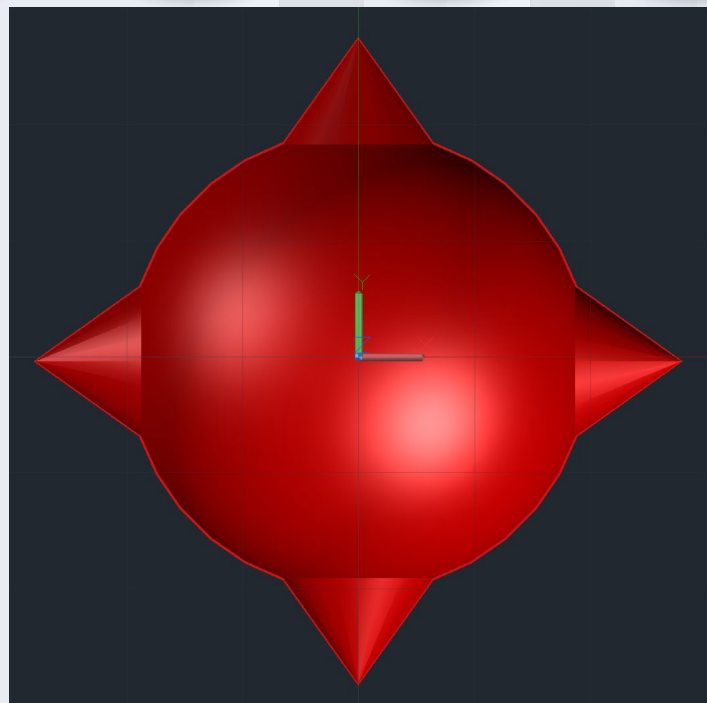
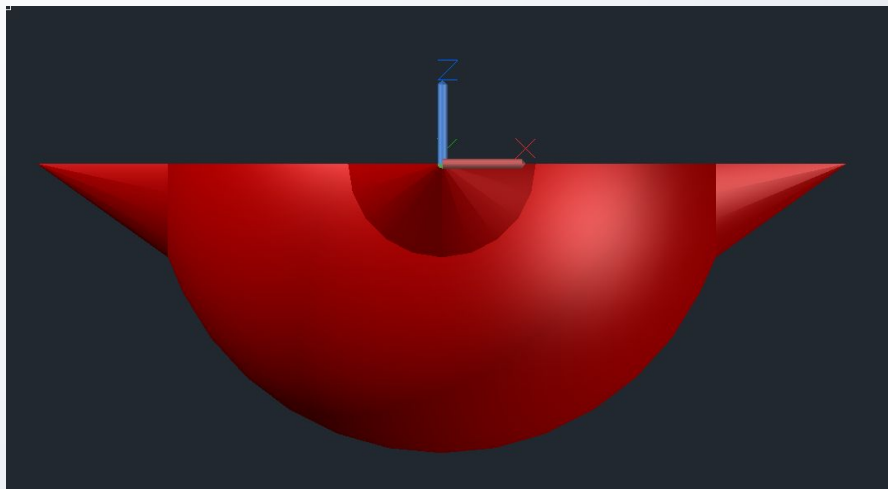
# Modelo de Referencia



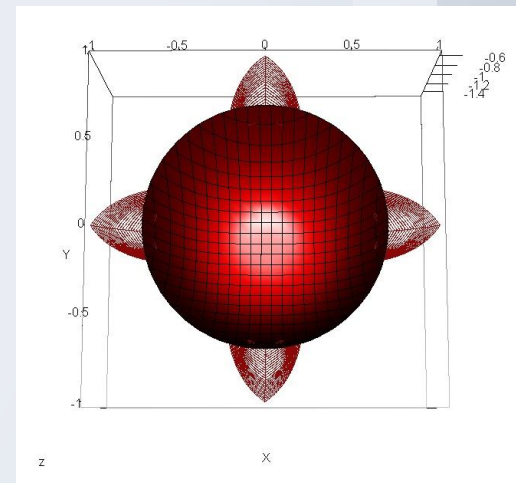
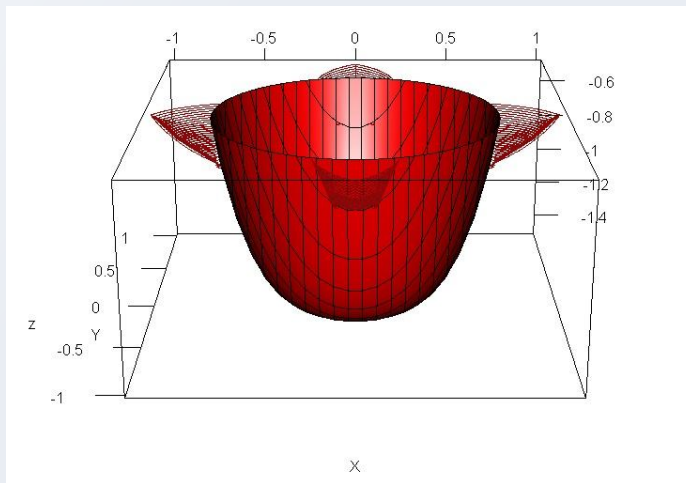
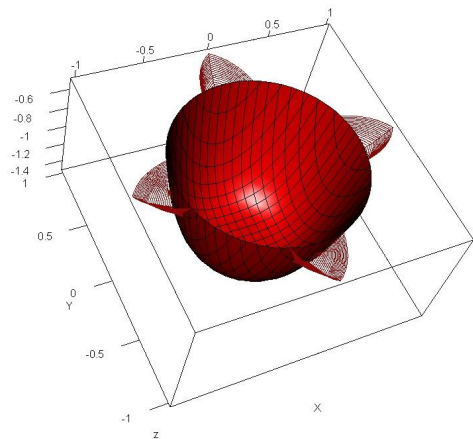
AUTODESK®  
AUTOCAD®



# Modelo de Referencia



# Modelo computacional en RStudio



# Área y Volumen

Calculado en R:

- ❑ Área del mortero = 6,8231
- ❑ Volumen del mortero =  $6.41 \times 10^{-2}$

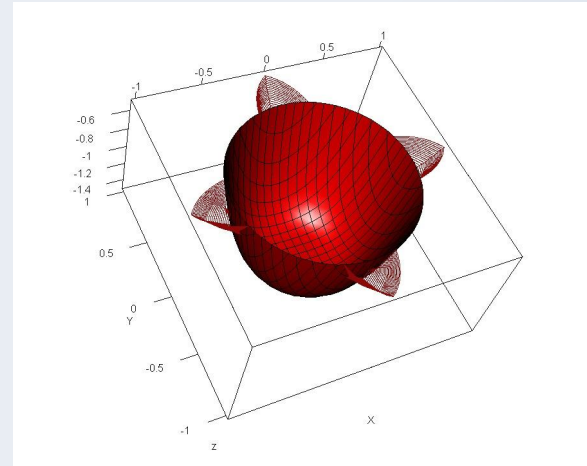
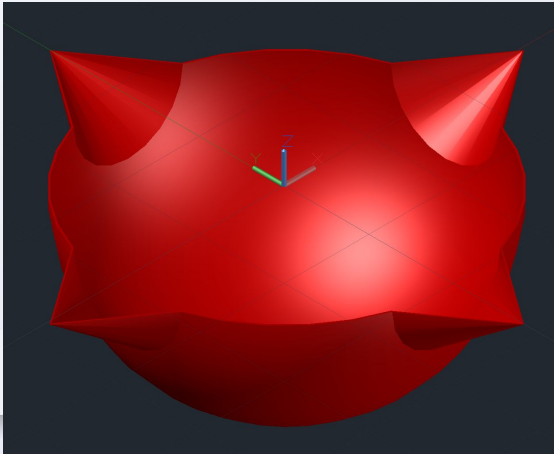
Calculado en Autocad:

- ❑ Volumen del mortero =  $6.32 \times 12^{-2}$

# Error Comparativo

ERROR RELATIVO:  $|6.32 \times 10^{-2} - 6.41 \times 10^{-2}| = 0.0009$  unidades

ERROR ABSOLUTO:  $(0.0009/6.32 \times 10^{-2}) \times 100 = 1.424\%$



The image features a light blue background with decorative pixelated patterns in the top right and bottom left corners. The word "Gracias" is centered in a dark blue, serif font.

# Gracias