

# Modelação e Visualização Tridimensional em Arquitectura



UNIVERSIDADE  
DE LISBOA



FACULDADE DE ARQUITETURA  
UNIVERSIDADE DE LISBOA

Mestrado Integrado em Arquitectura  
Ano Lectivo 2022-2023 2º Semestre  
Docente - Nuno Alão 3º Ano

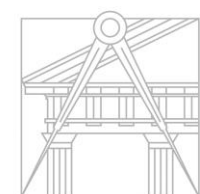
# 20201331



## SAMINAH ESMAIL RAJABALI MONTEIRO

**U LISBOA**

UNIVERSIDADE  
DE LISBOA



FACULDADE DE ARQUITETURA  
UNIVERSIDADE DE LISBOA

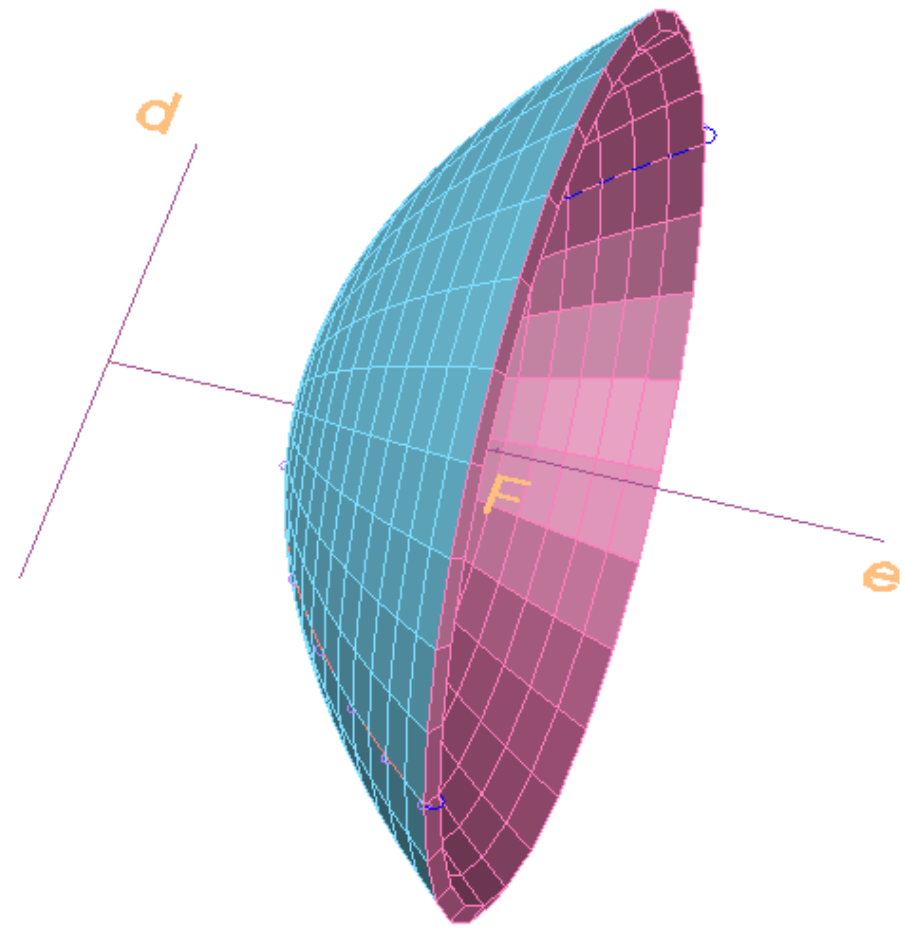
# MVTA

Mestrado Integrado em Arquitectura  
Ano Lectivo 2022-2023 2º Semestre  
Docente - Nuno Alão 3º Ano

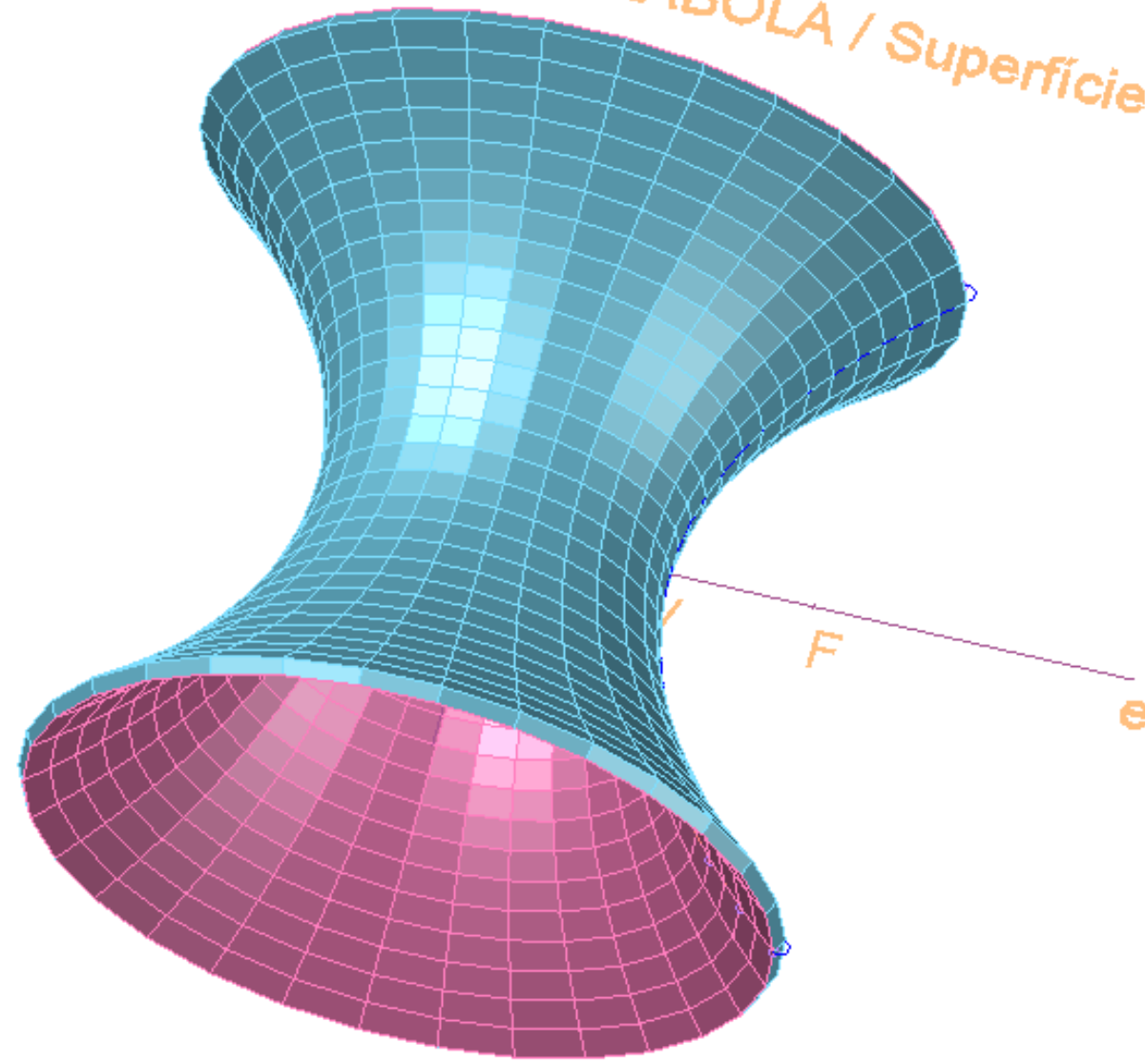
## ÍNDICE

|                                            |    |
|--------------------------------------------|----|
| Exerc. 1.1 – Superfícies Parabólicas ..... | 4  |
| Exerc. 2 – Poliedros Regulares             |    |
| 2.1 – Hexaedro (box e extrude) .....       | 5  |
| 2.2 – Tetraedro .....                      | 6  |
| 2.3 – Hexaedro (3drotate) .....            | 7  |
| 2.4 – Octaedro .....                       | 8  |
| 2.5 – Dodecaedro .....                     | 9  |
| 2.6 – Icosaedro .....                      | 10 |

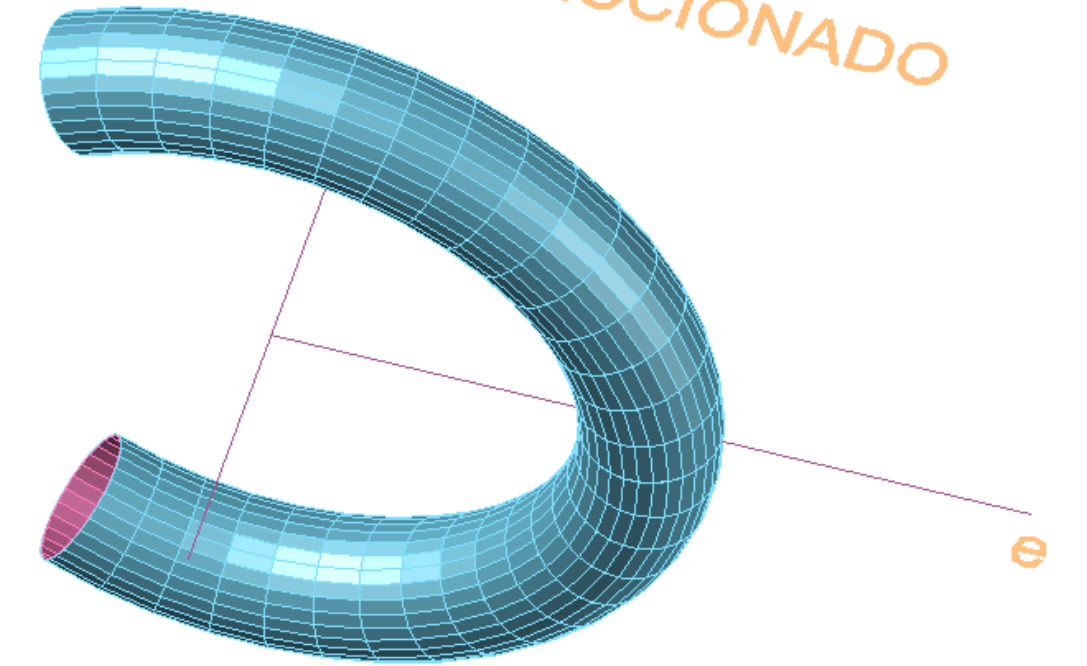
PARÁBOLA / Superfície Parabólica



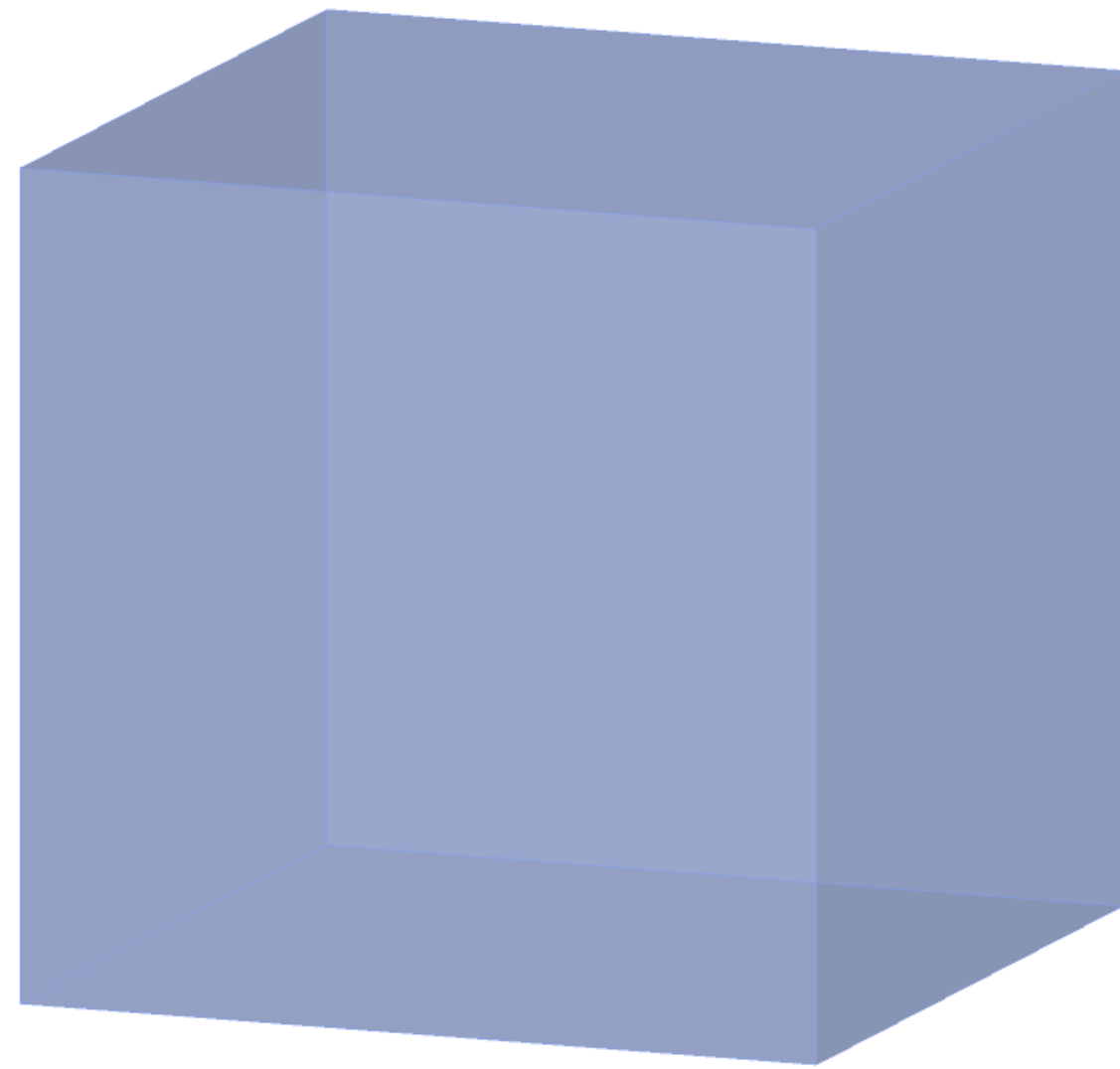
PARÁBOLA / Superfície Parabólica 2



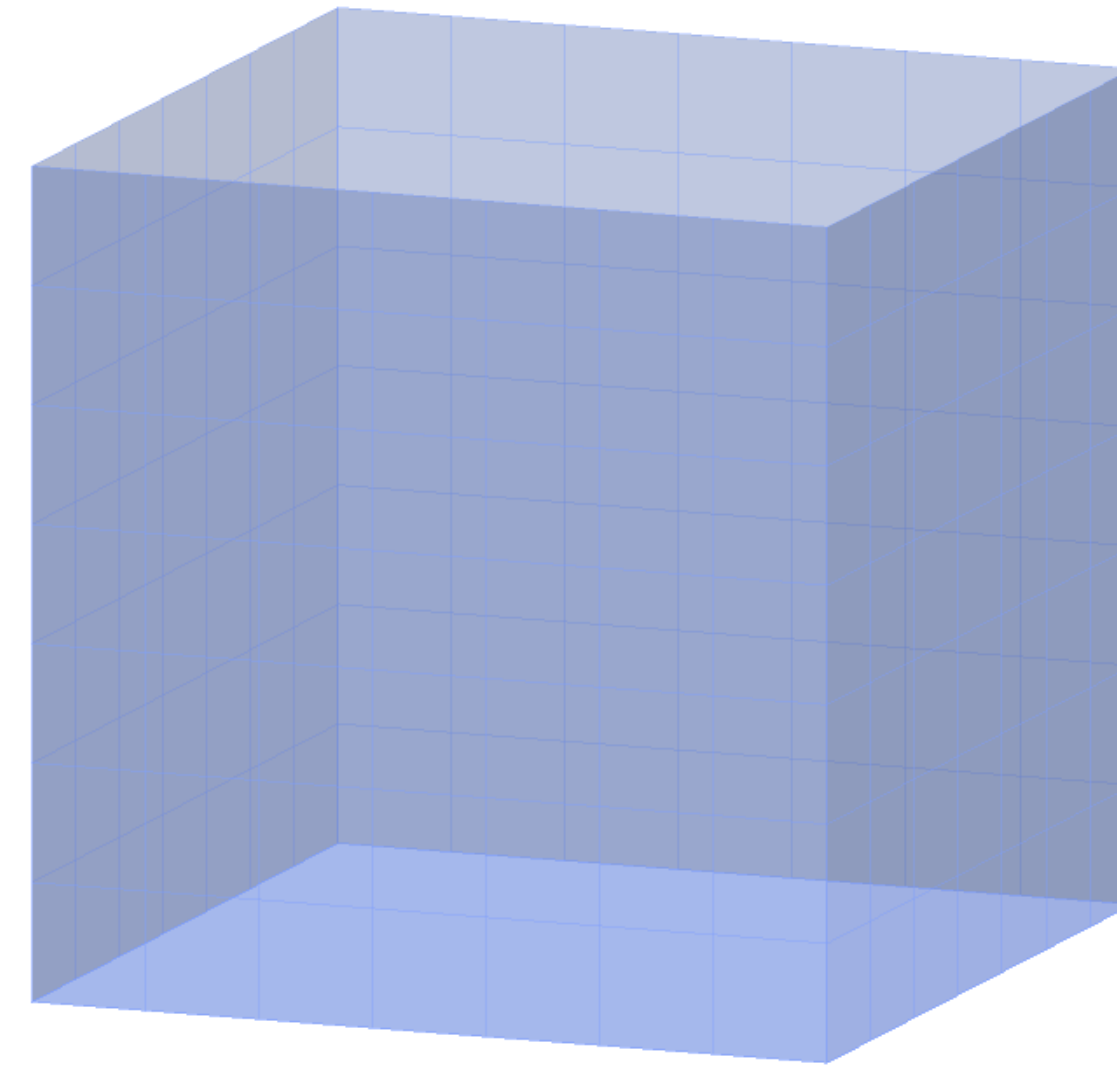
TORO SECCIONADO



# Exerc. 1.1 - Superfícies Parabólicas

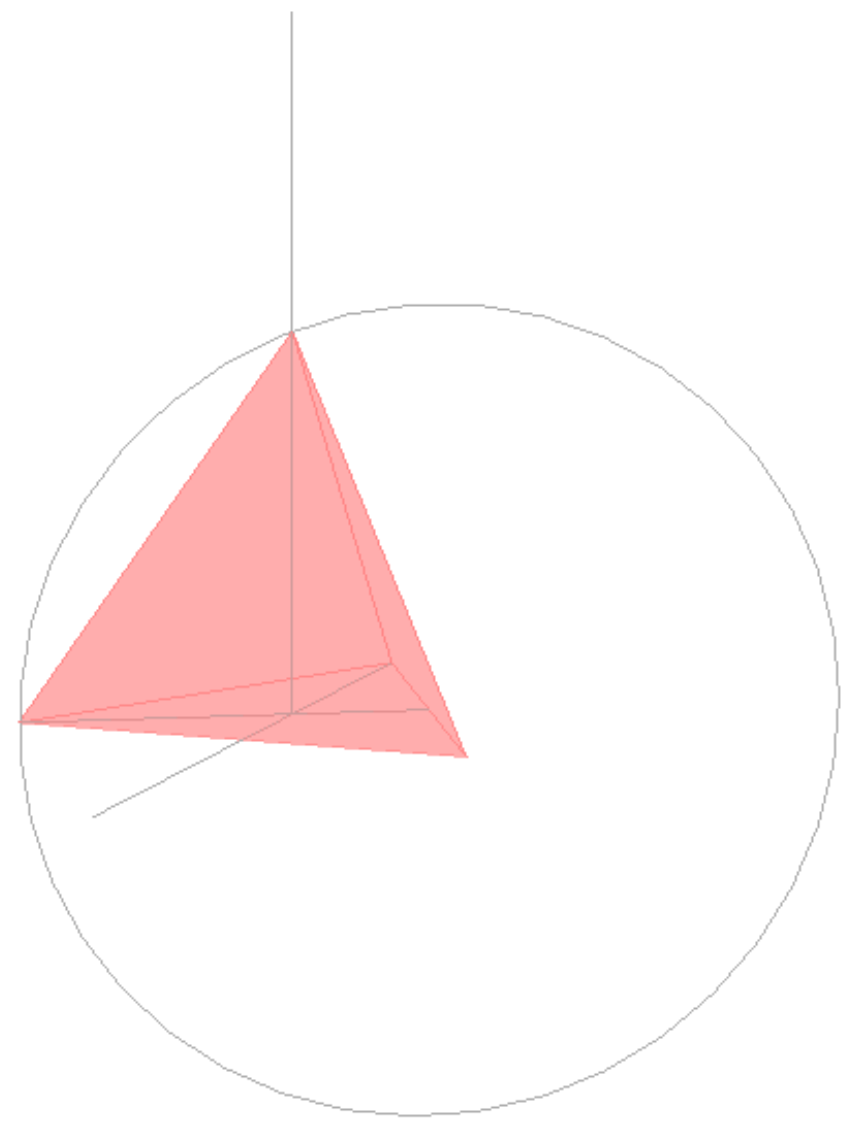


BOX

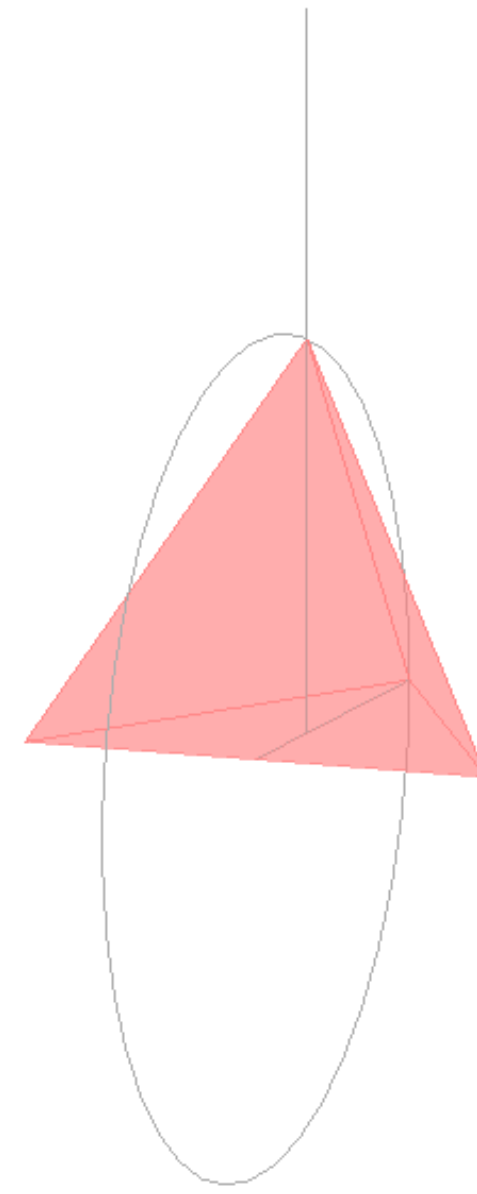
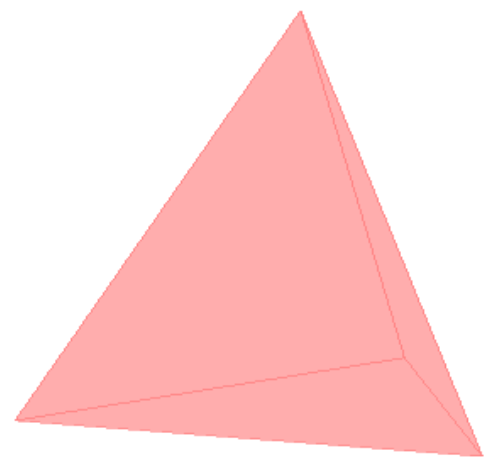


EXTRUDE

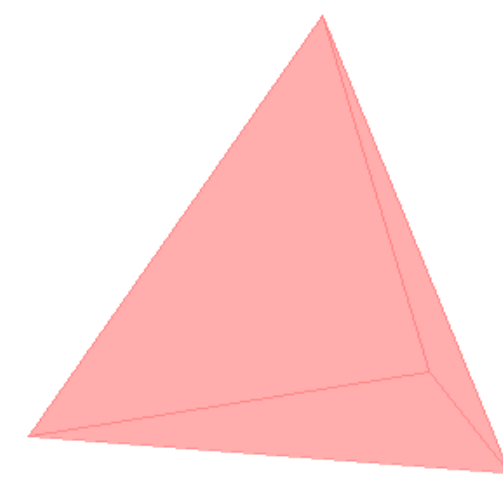
# Exerc. 2.1 – Hexaedro



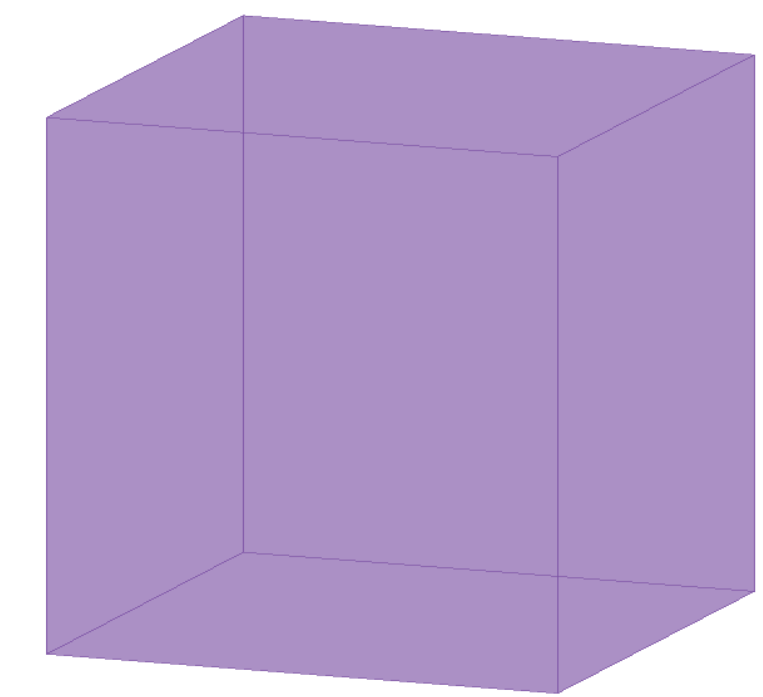
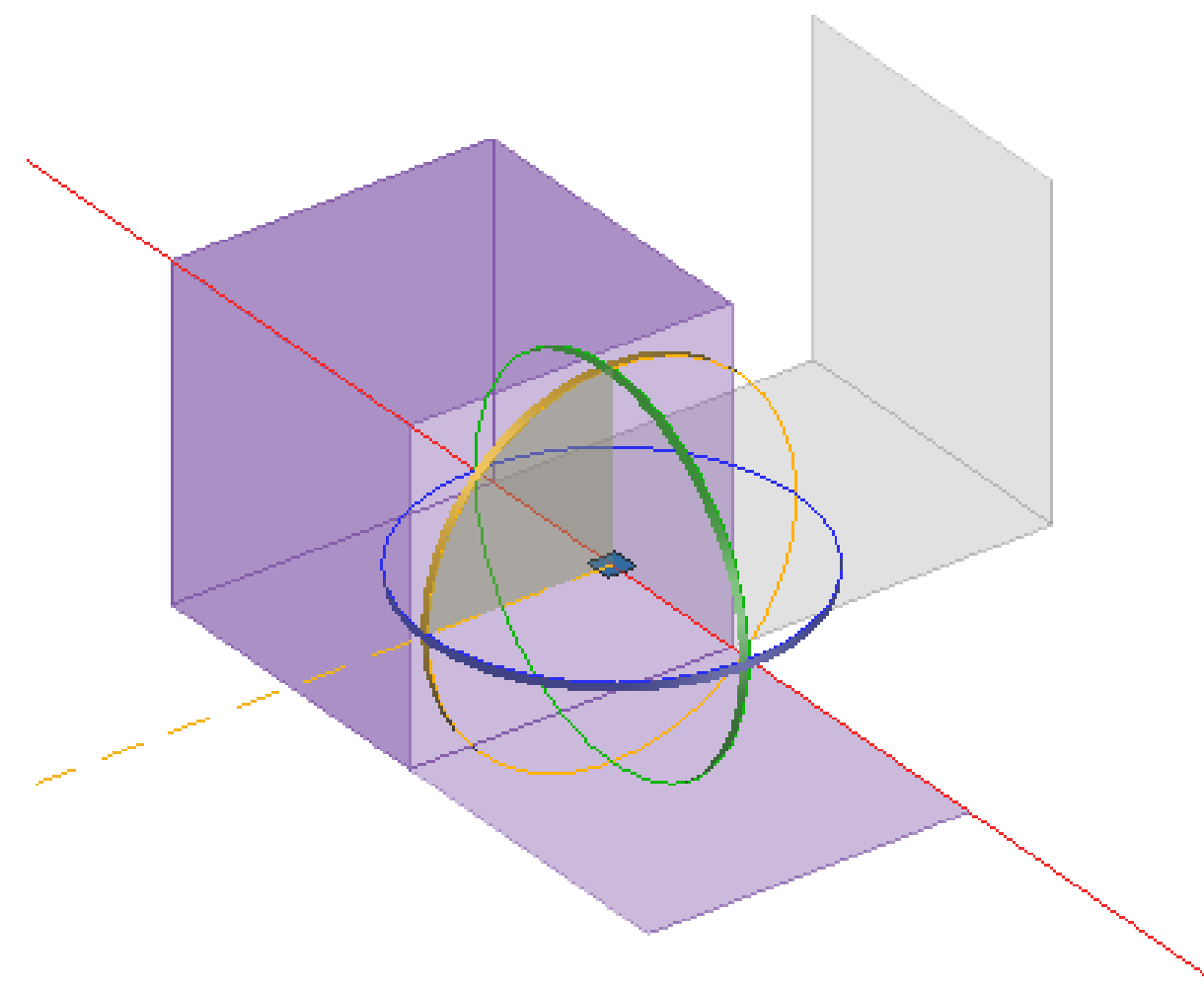
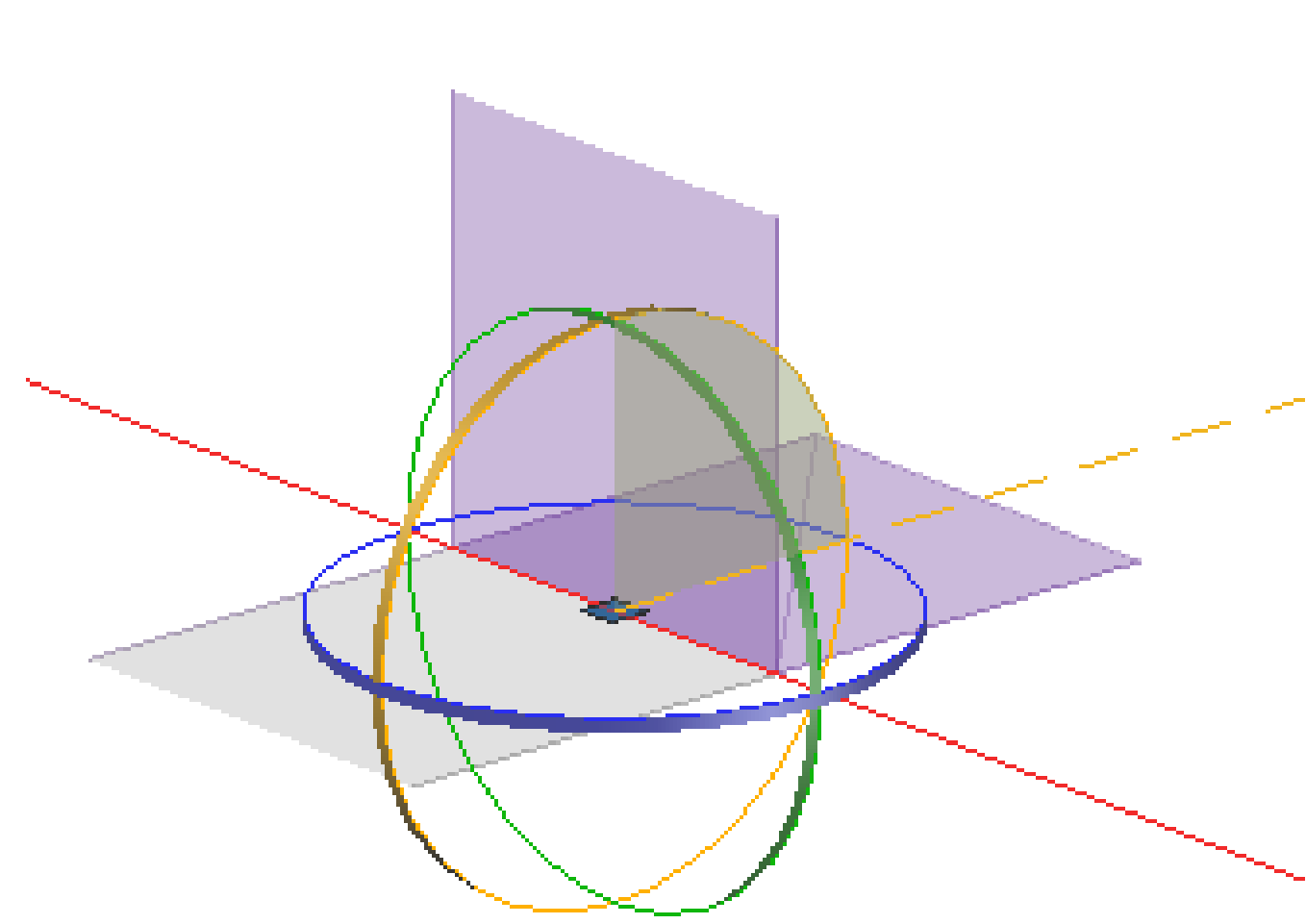
3D ROTATE



ARRAY

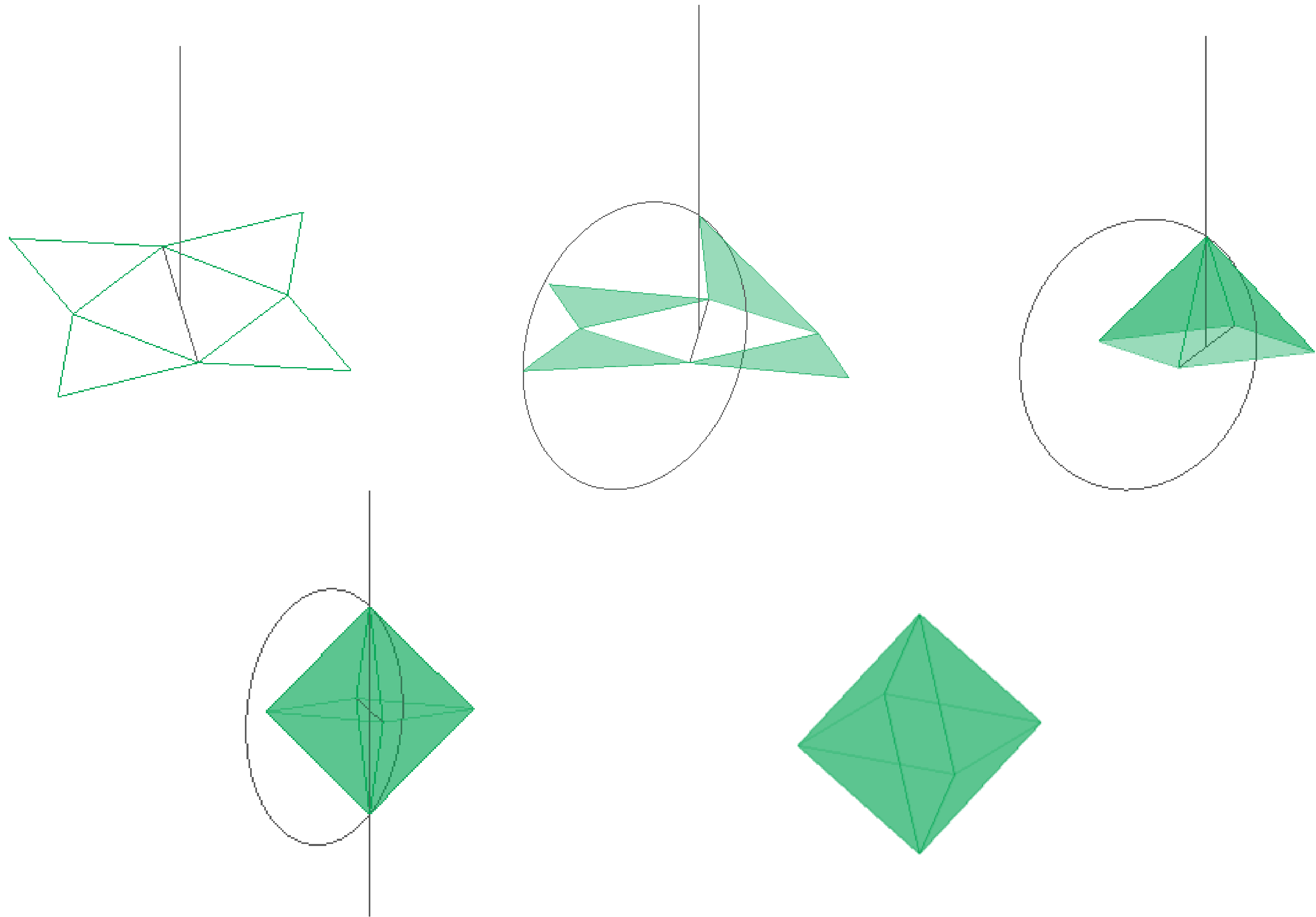


# Exerc. 2.2 - Tetraedro



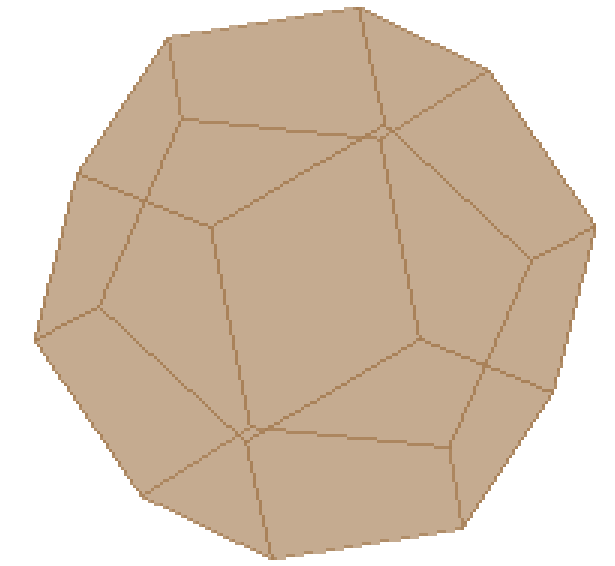
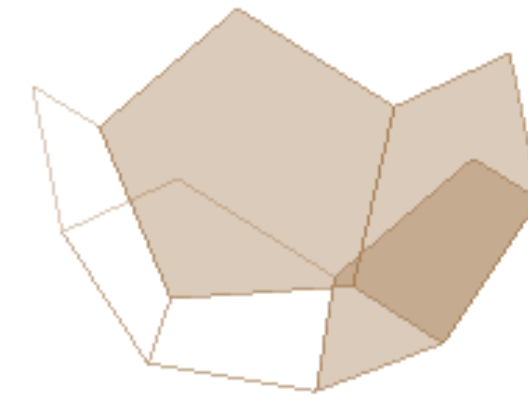
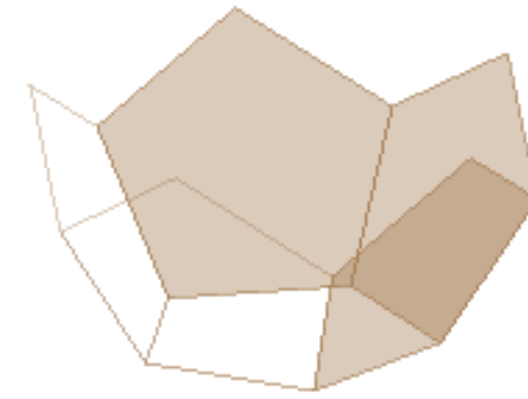
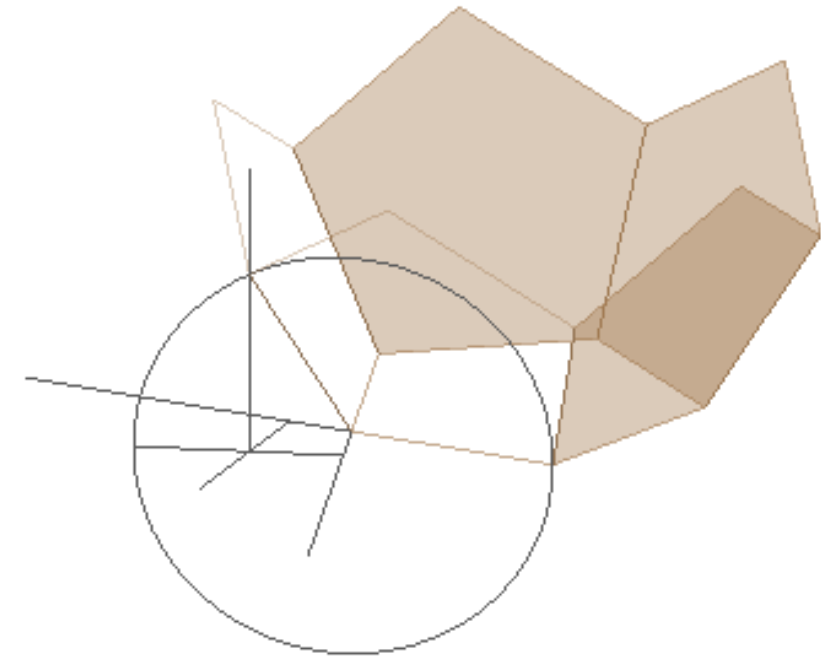
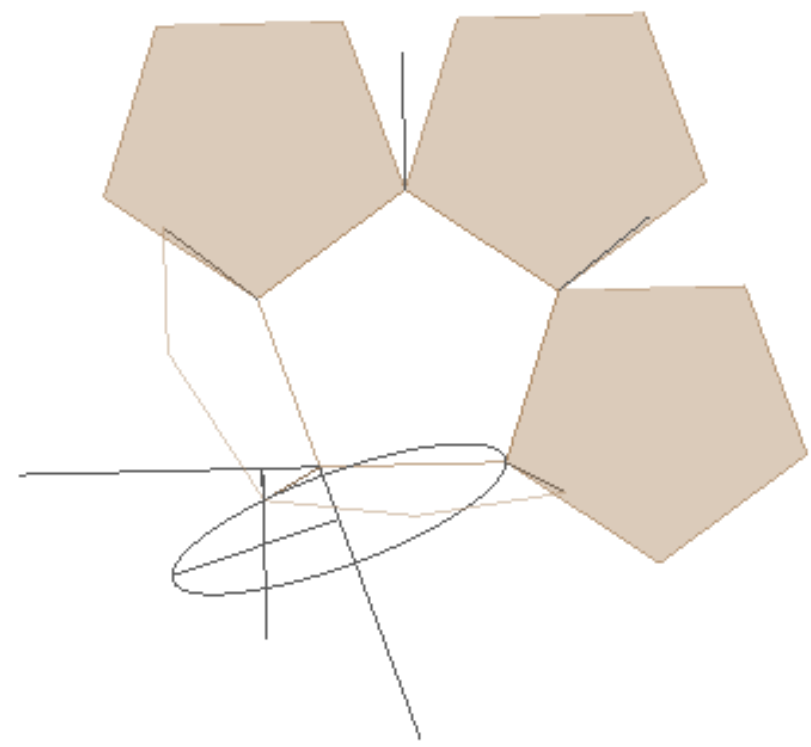
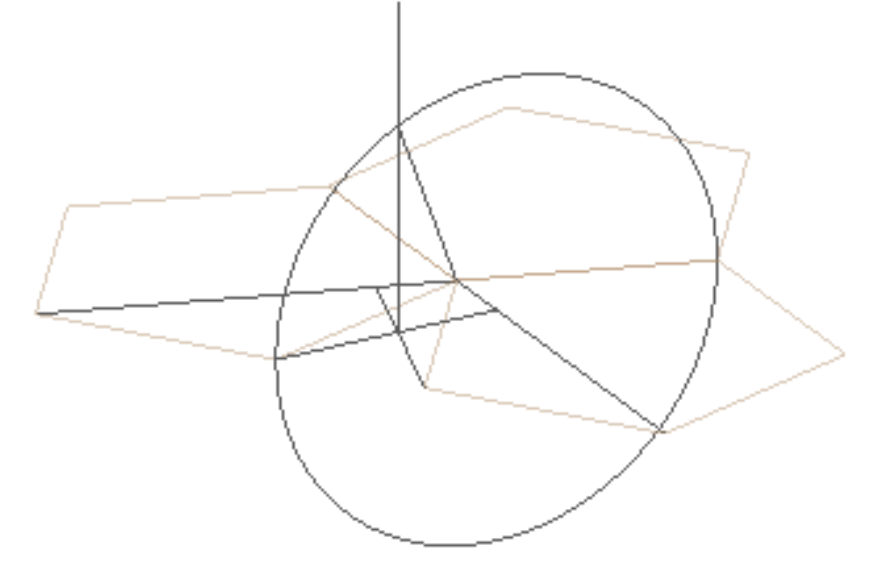
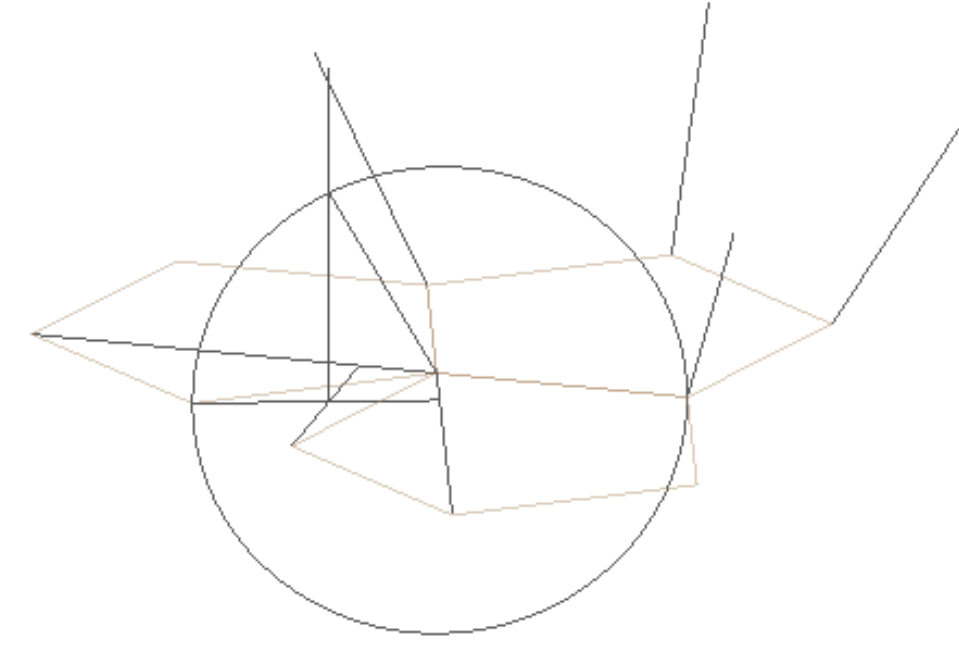
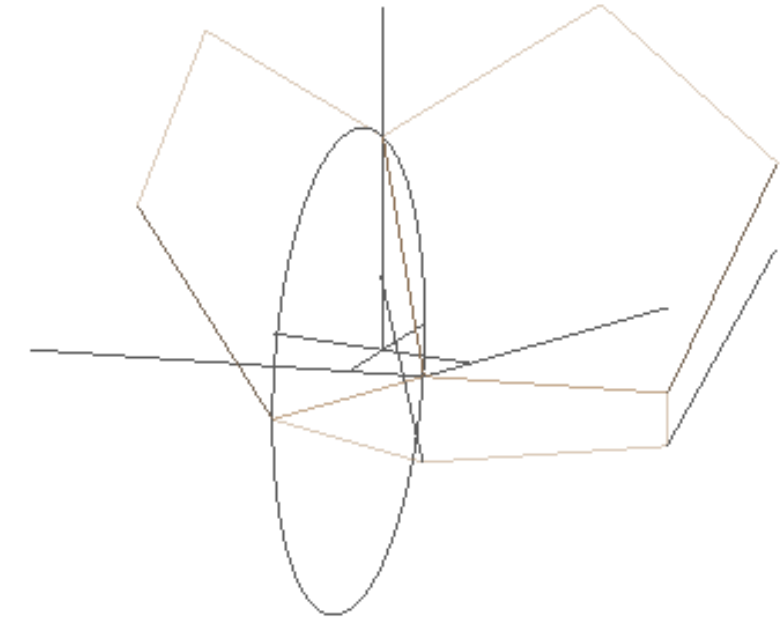
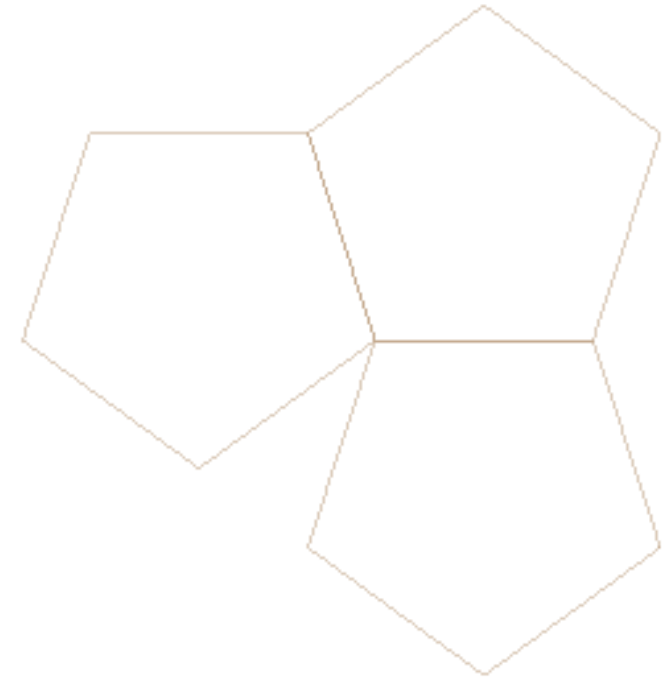
Exerc. 2.3 - Hexaedros



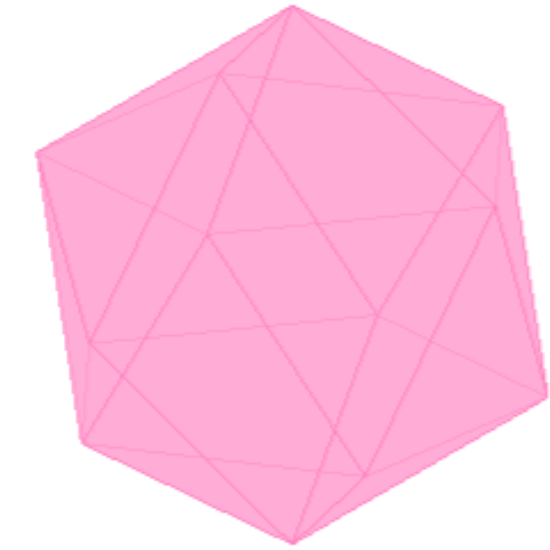
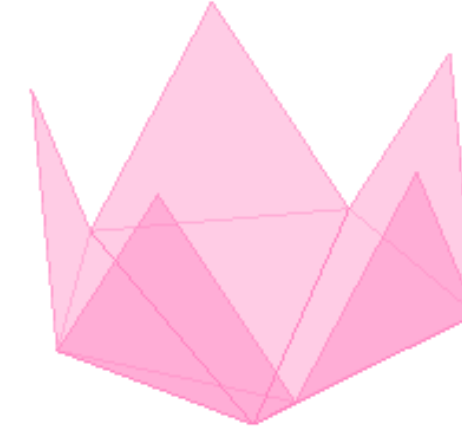
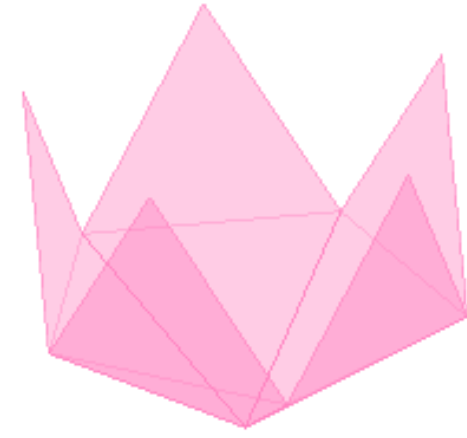
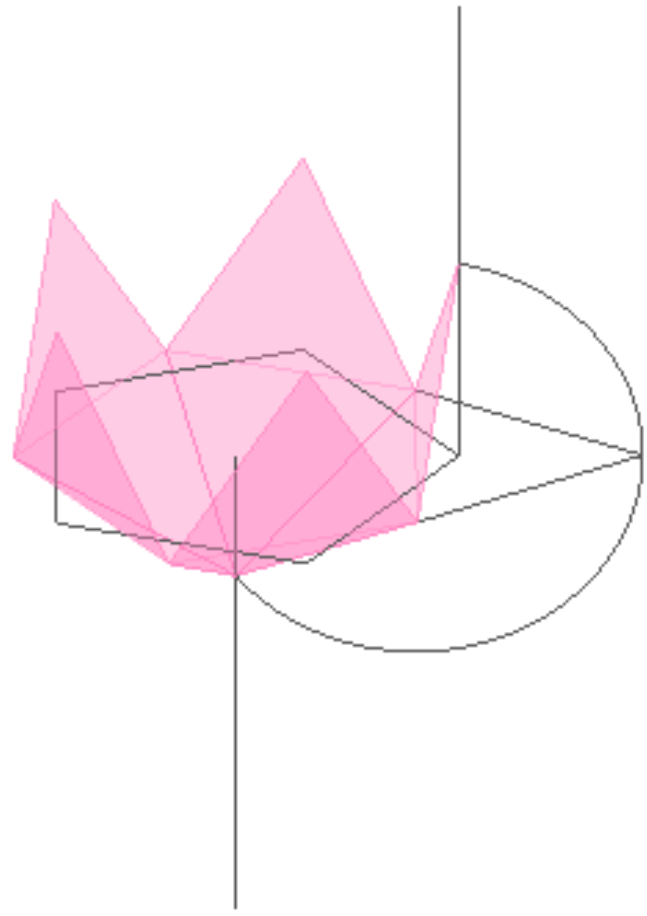
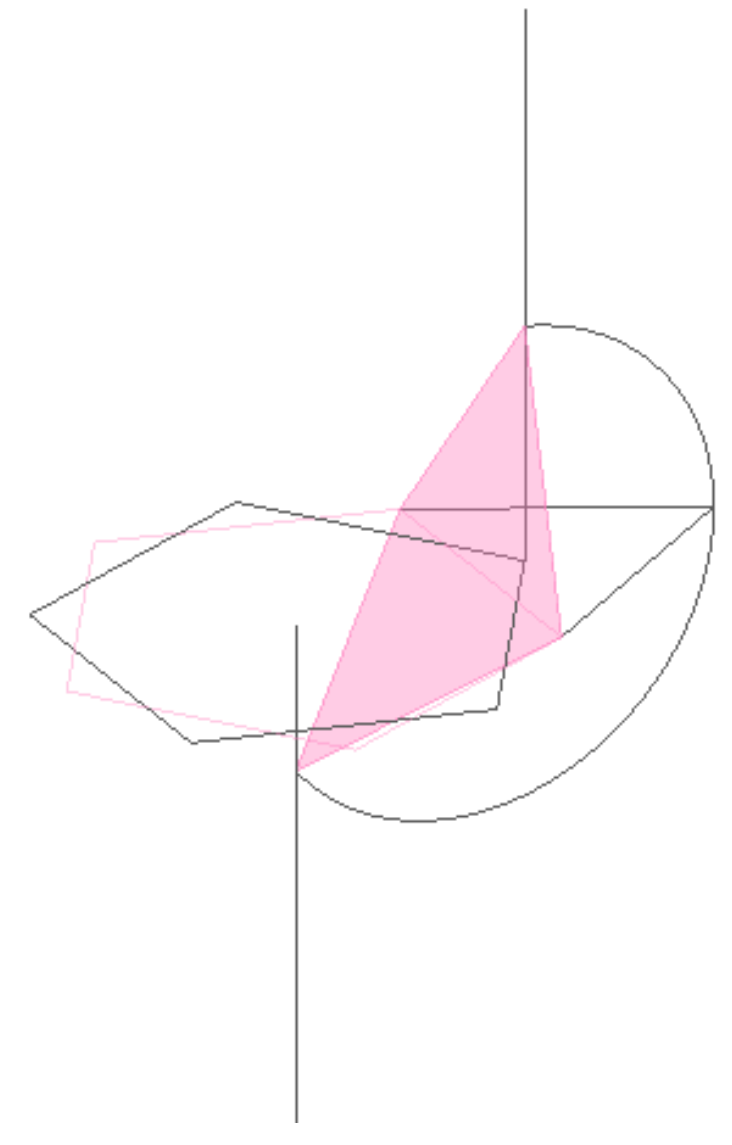
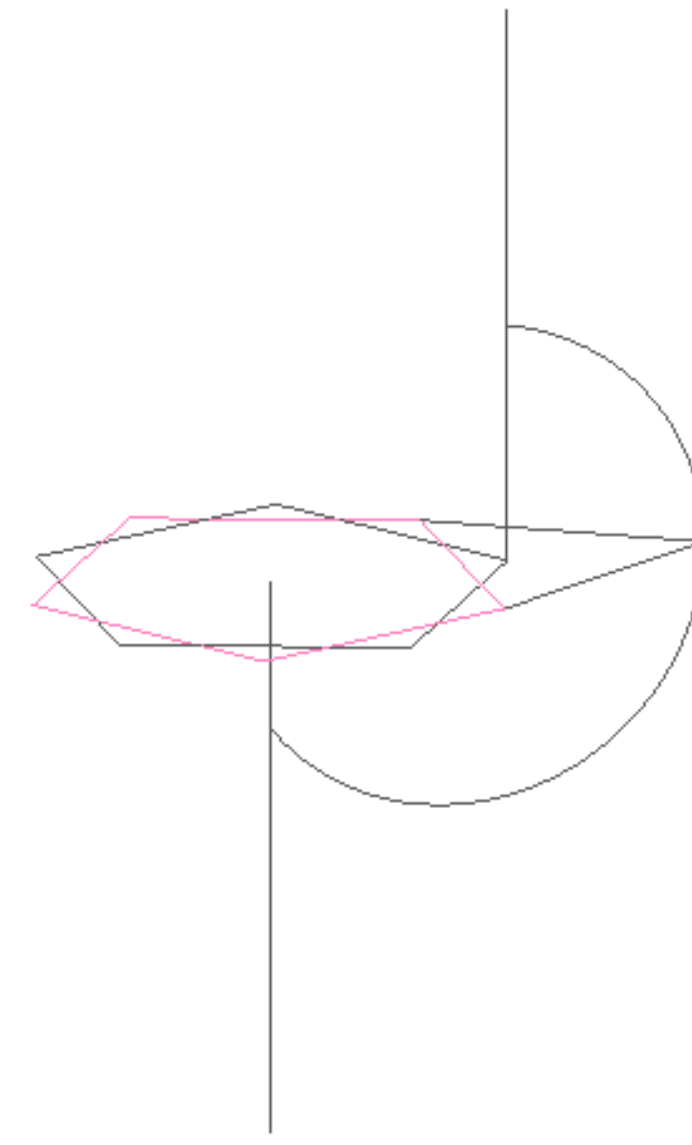
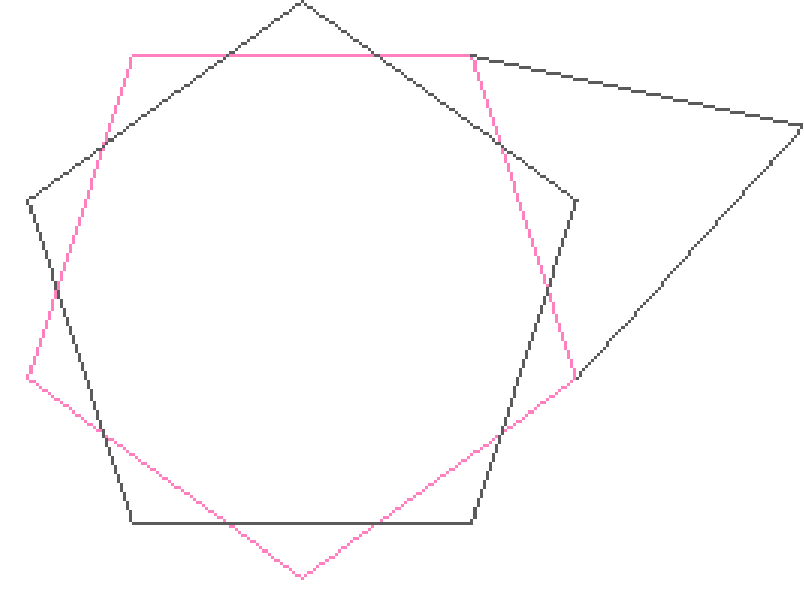
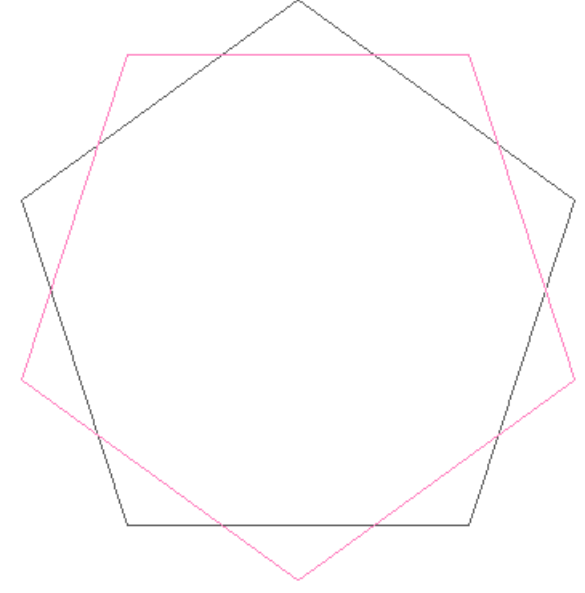


Exerc. 2.4 - Octaedro





Exerc. 2.5 - Dodecaedro



Exerc. 2.6 - Icosaedro