

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

20201264

FRANCISCO DIAS



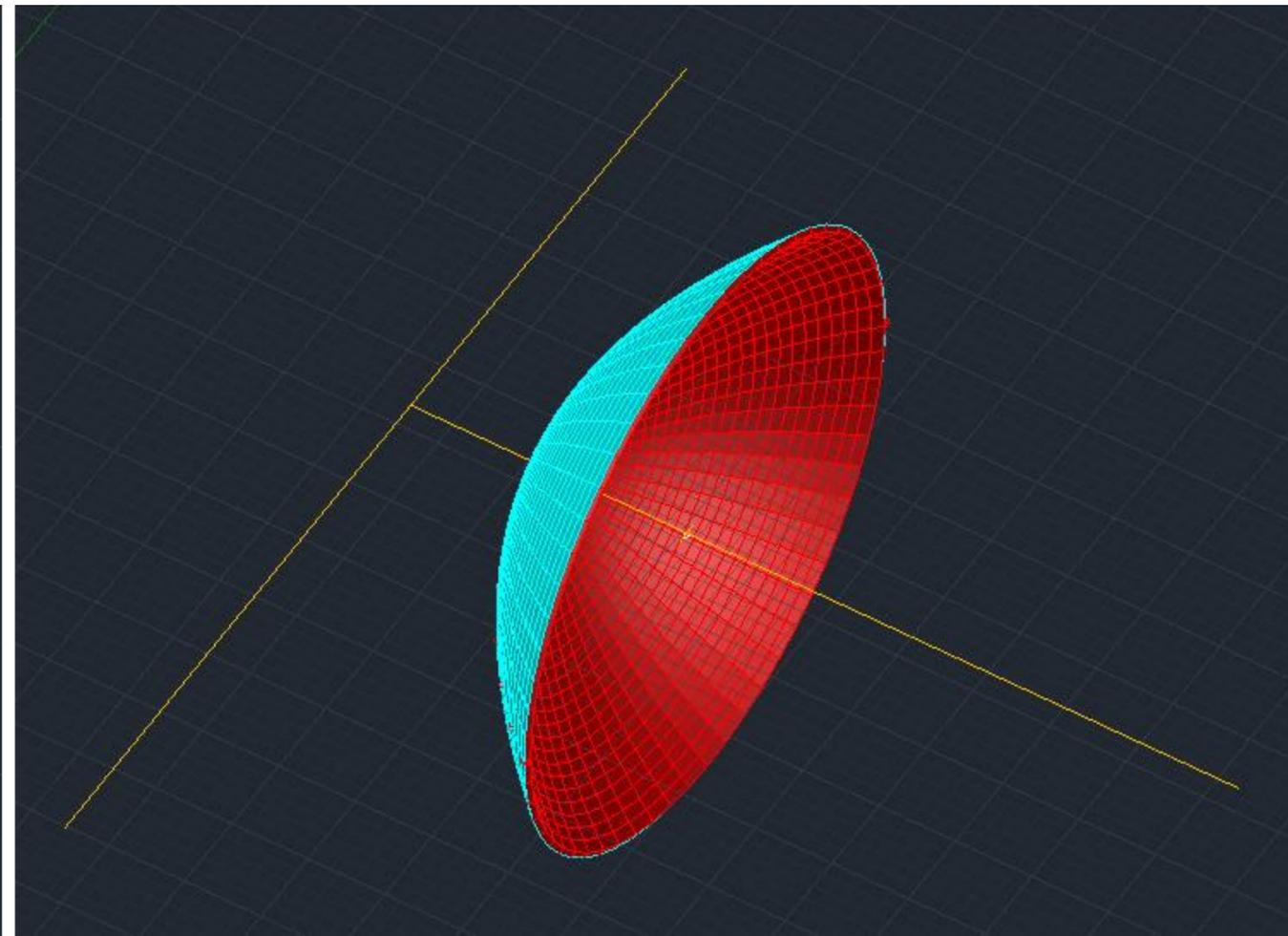
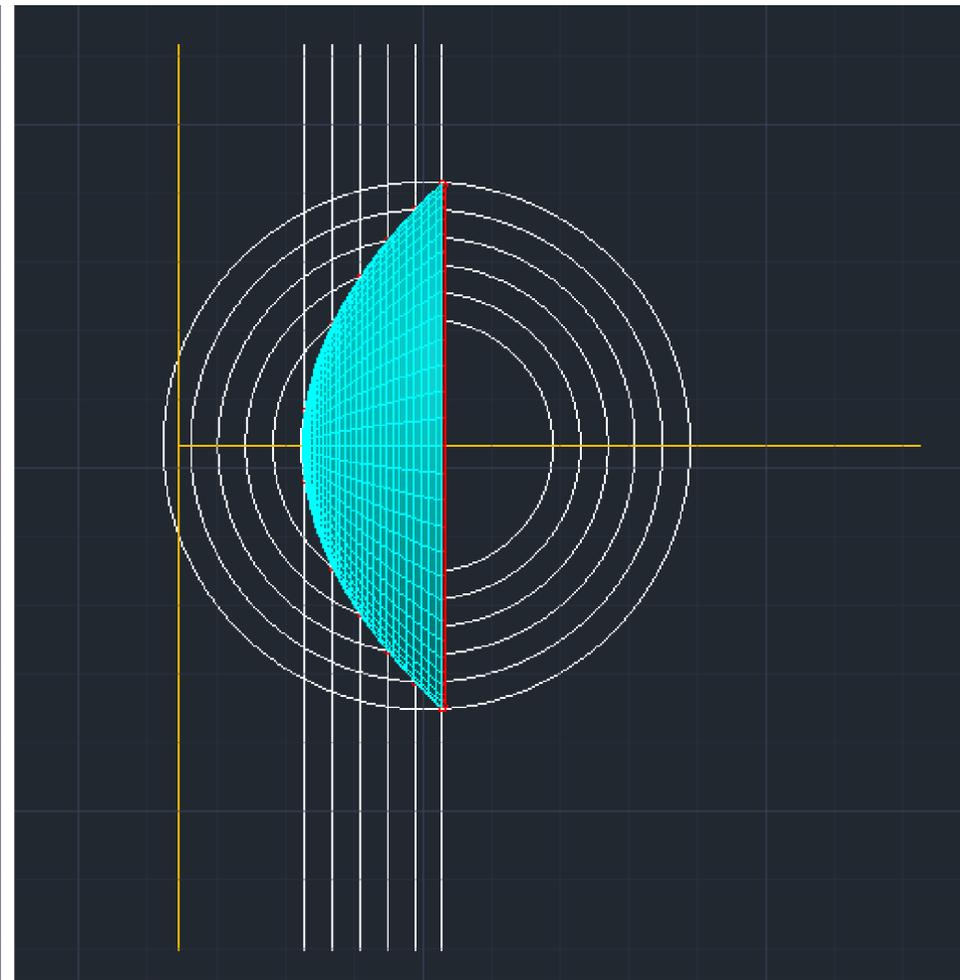
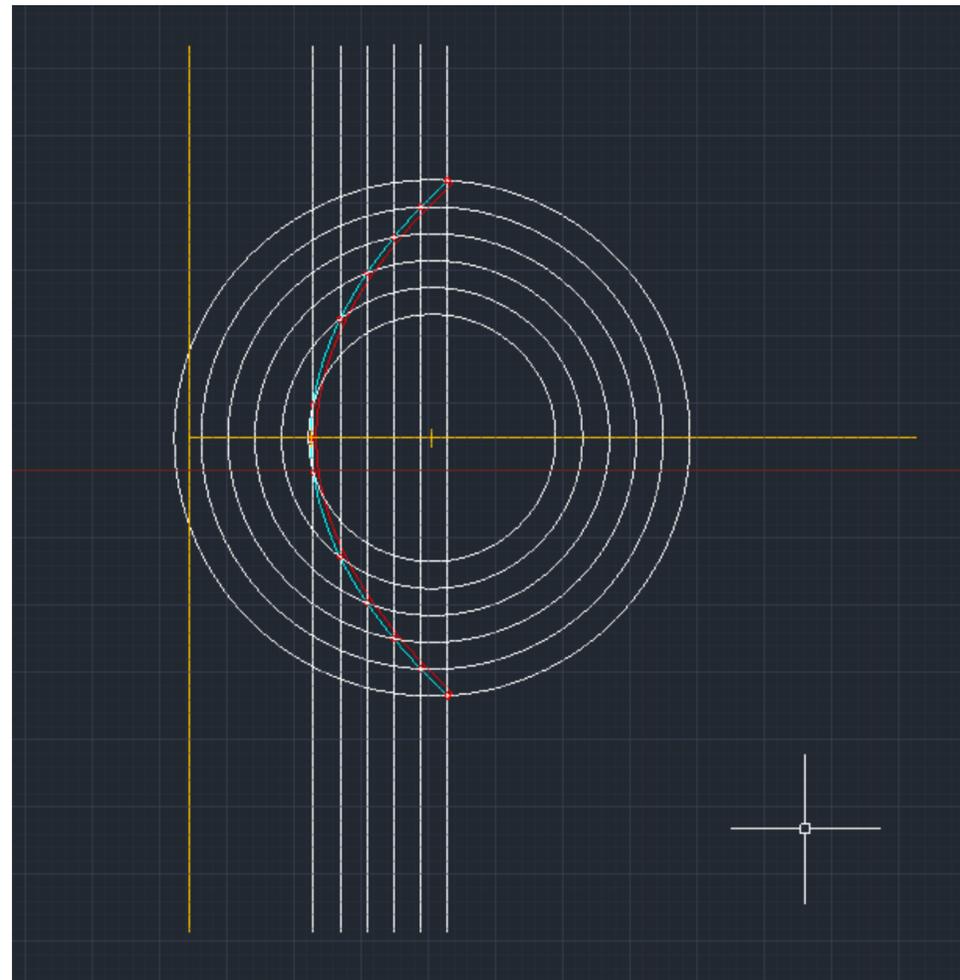
ÍNDICE

Aula 1:

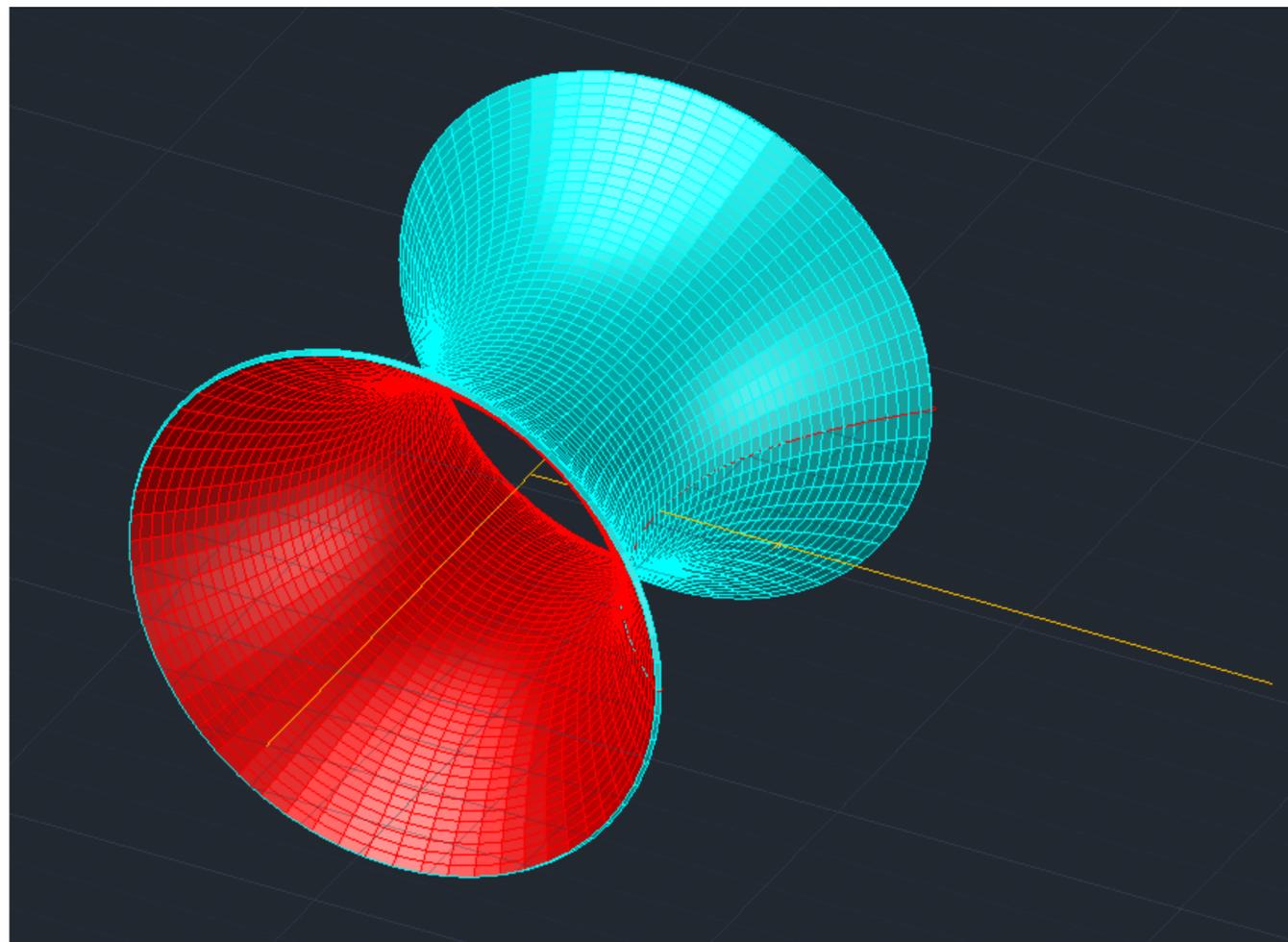
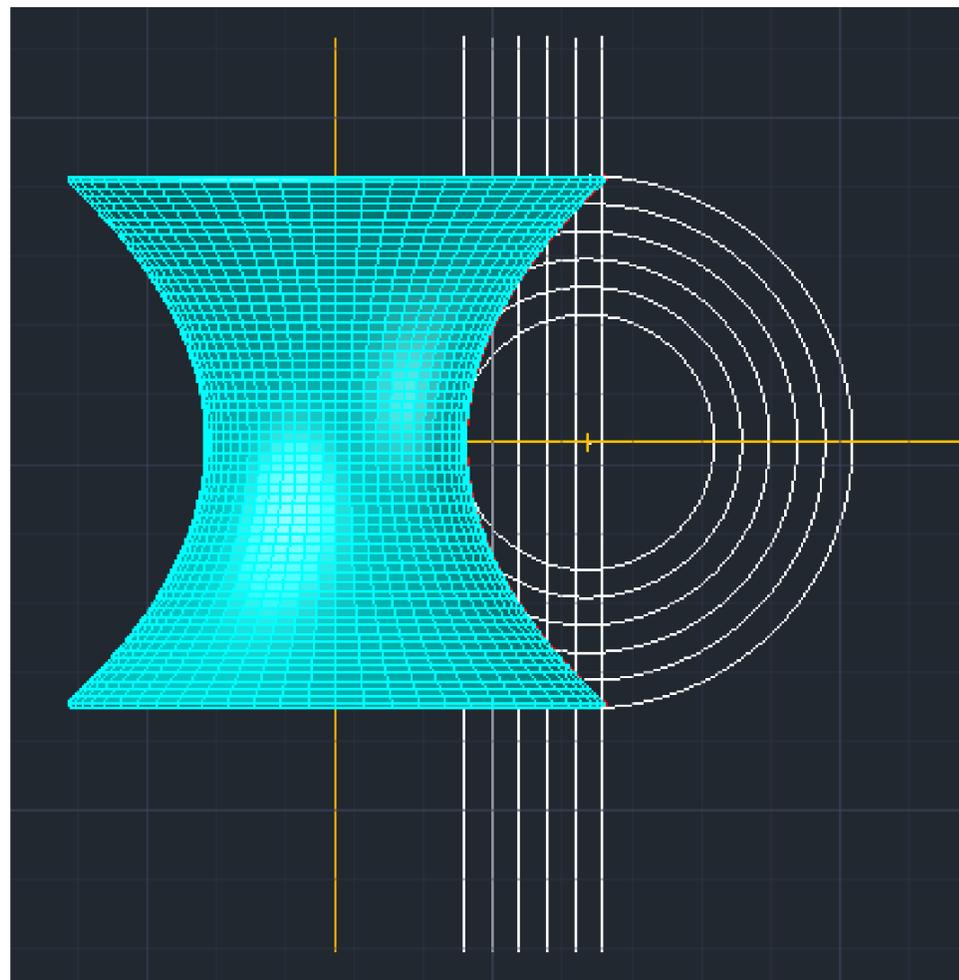
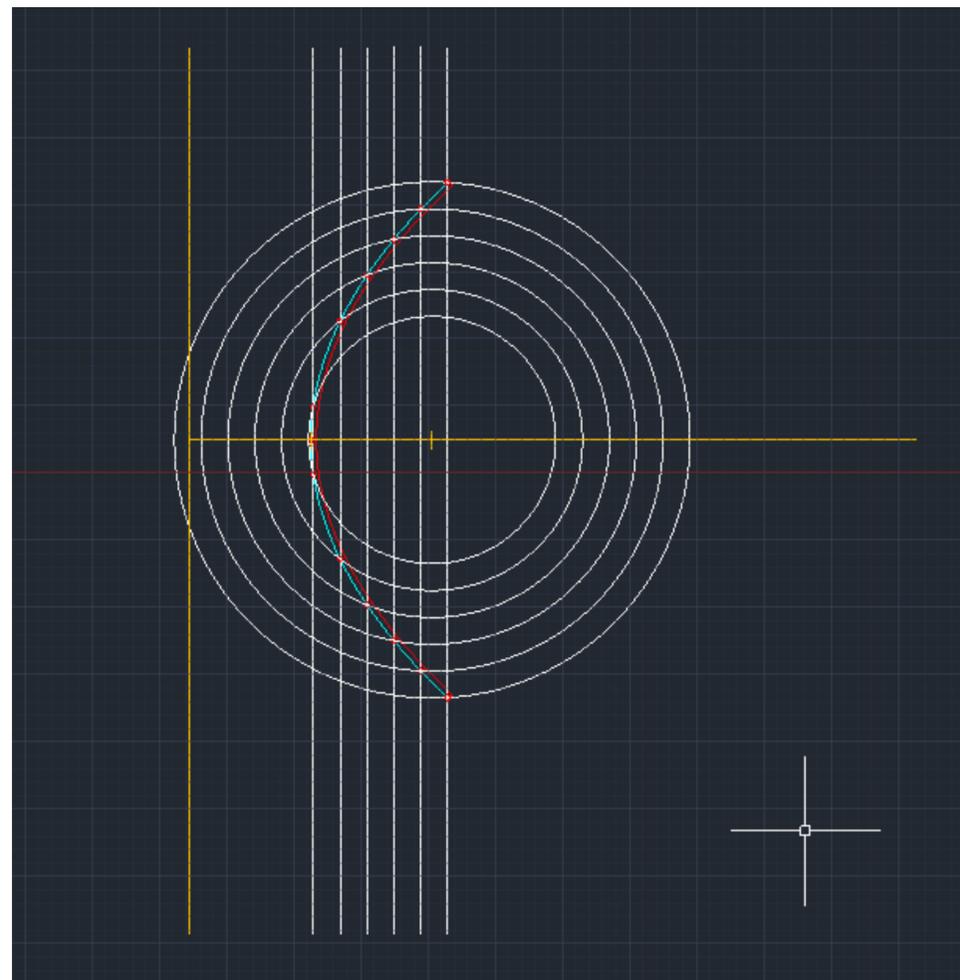
Parábola, Superfície Parabólica 1	----1.1
Parábola, Superfície Parabólica 2	----1.2
Toro Seccionado	----1.3

Aula 1:

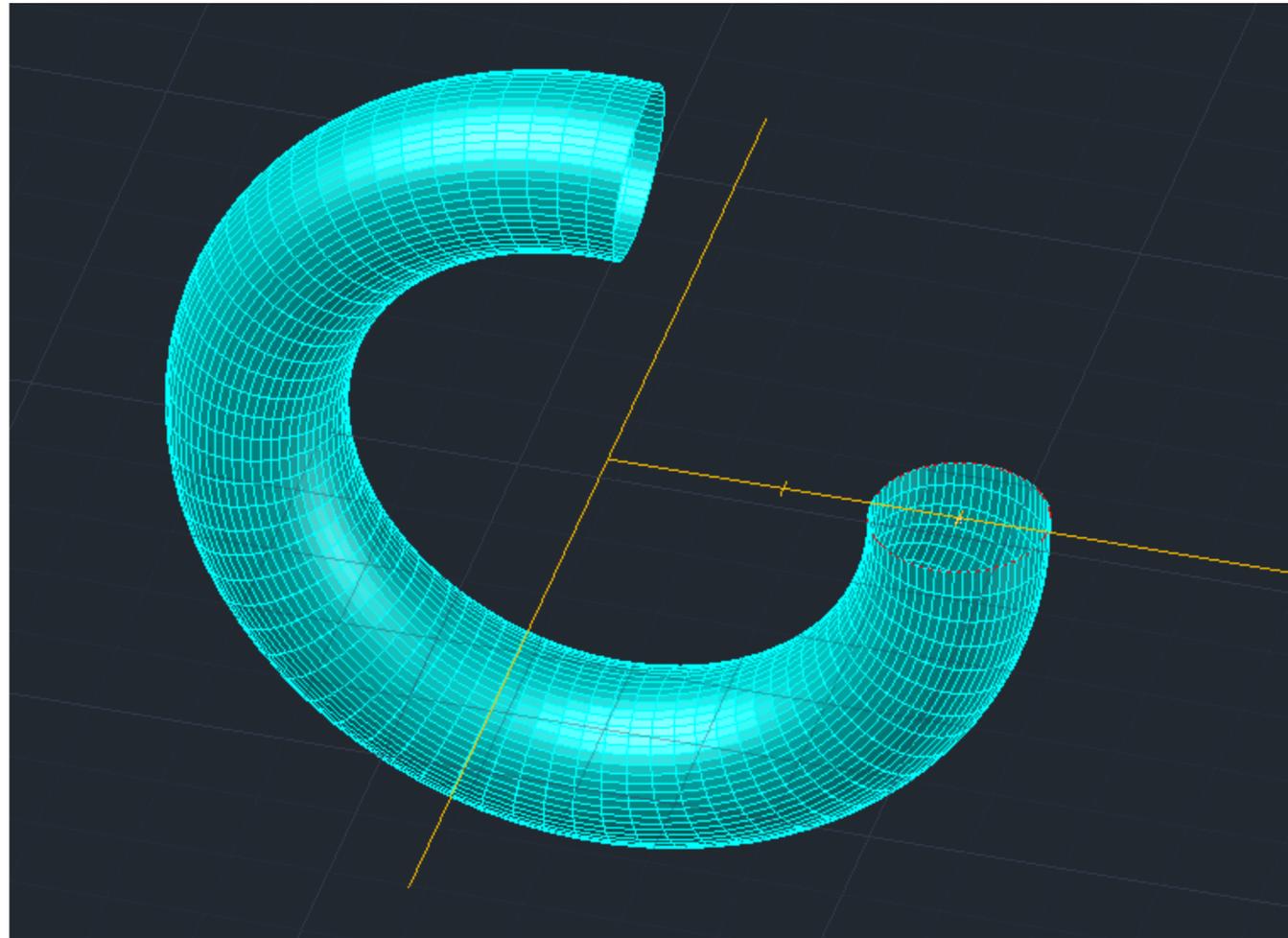
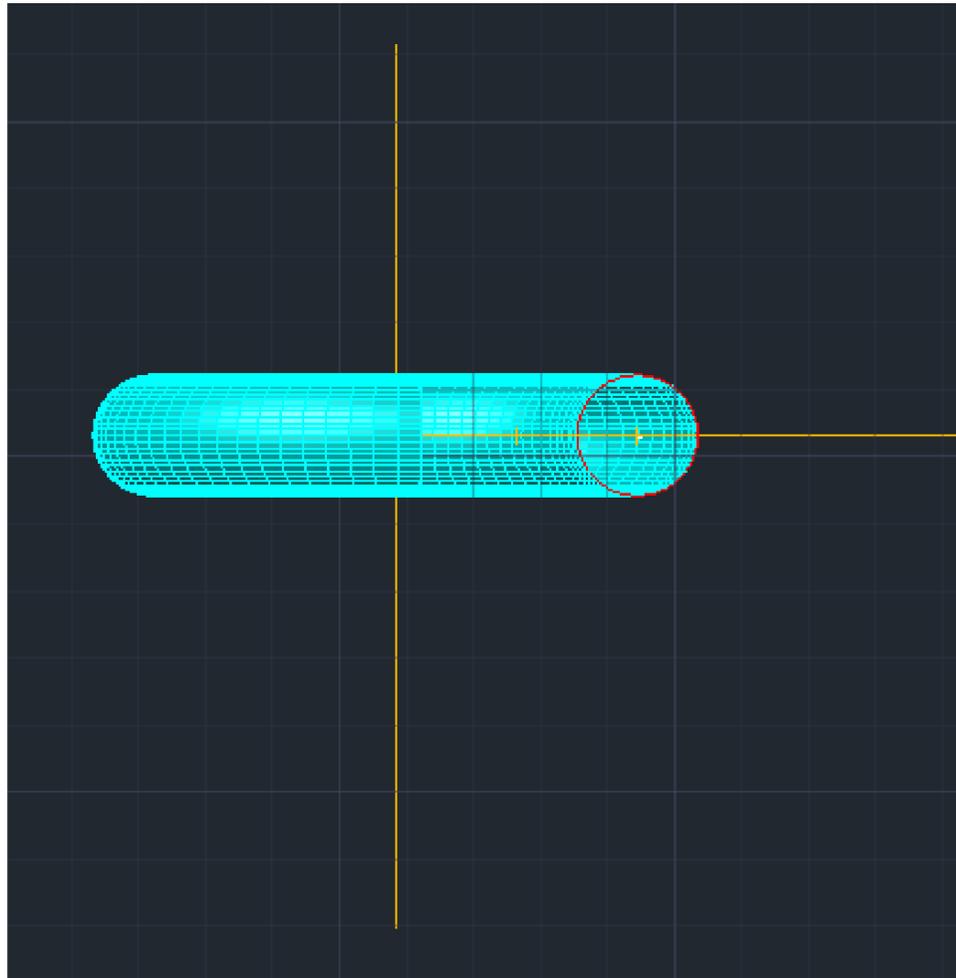
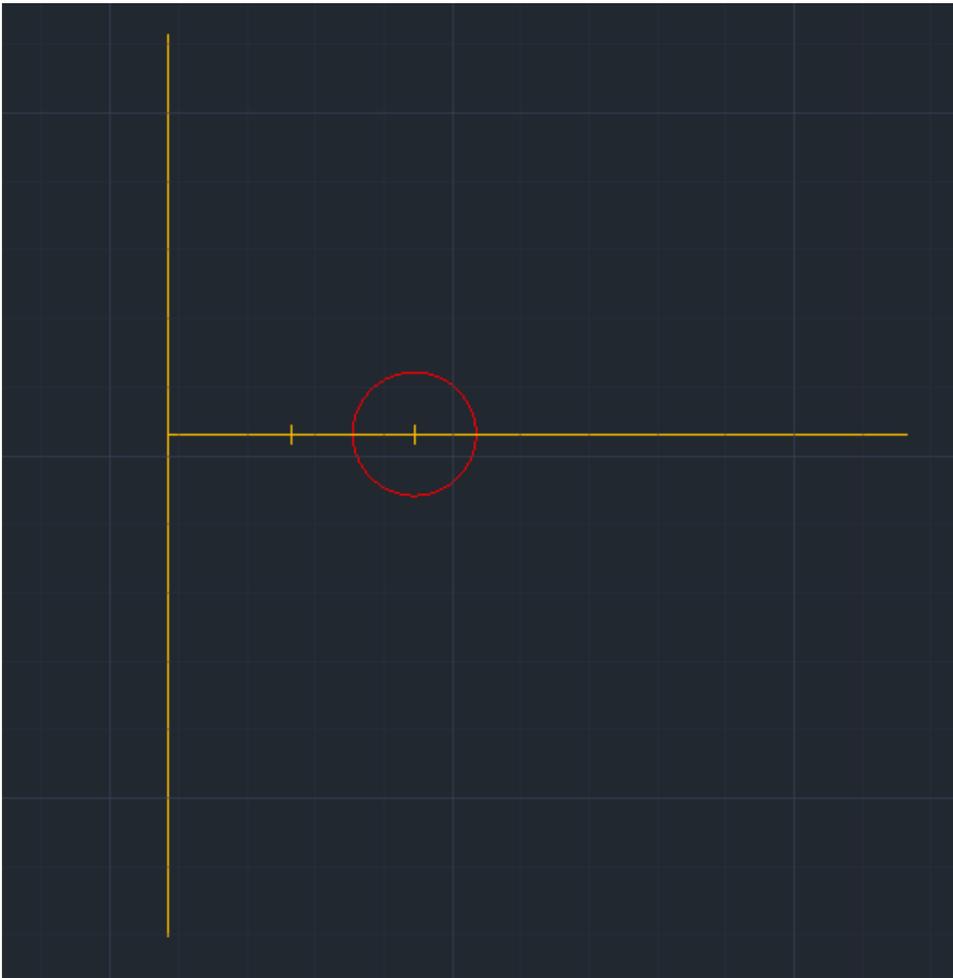
Boxes	----2.1
Tetraedros	----2,2
Hexaedros	----2.3
Dodecaedro	----2.4



Exerc. 1.1 - Superfície Parabólica

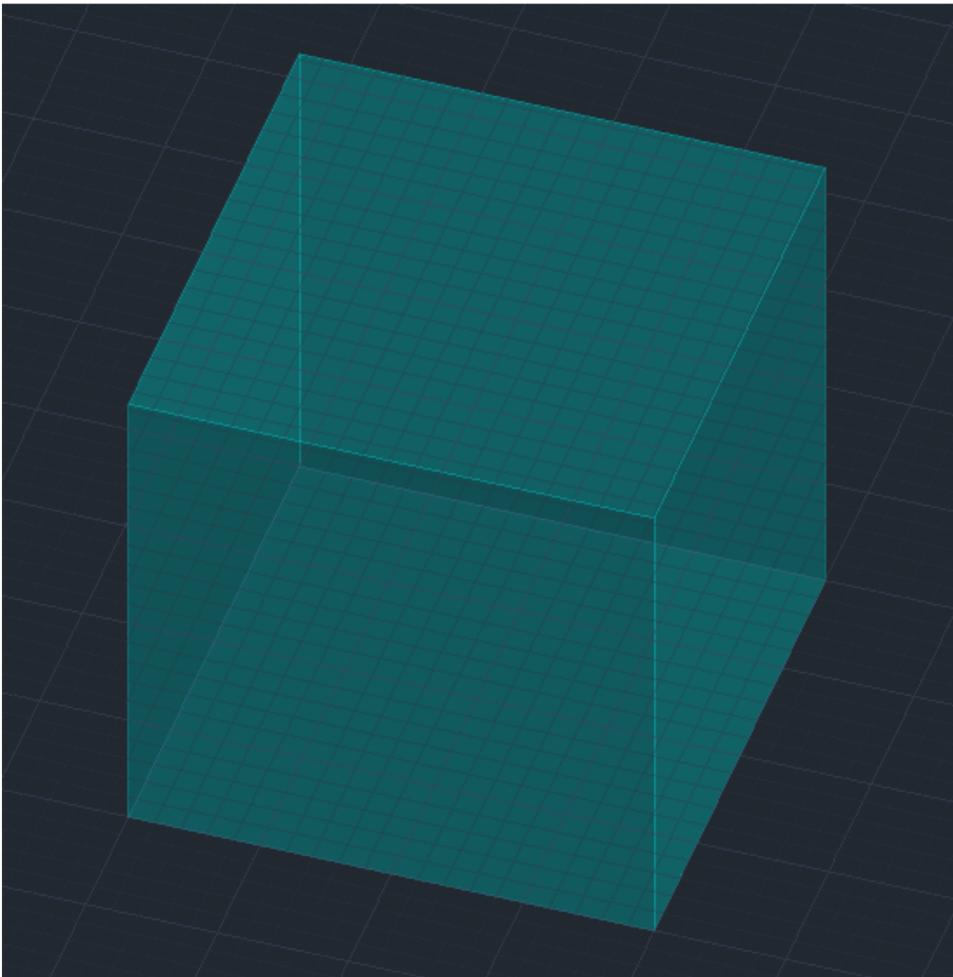


Exerc. 1.2 - Superfície Parabólica

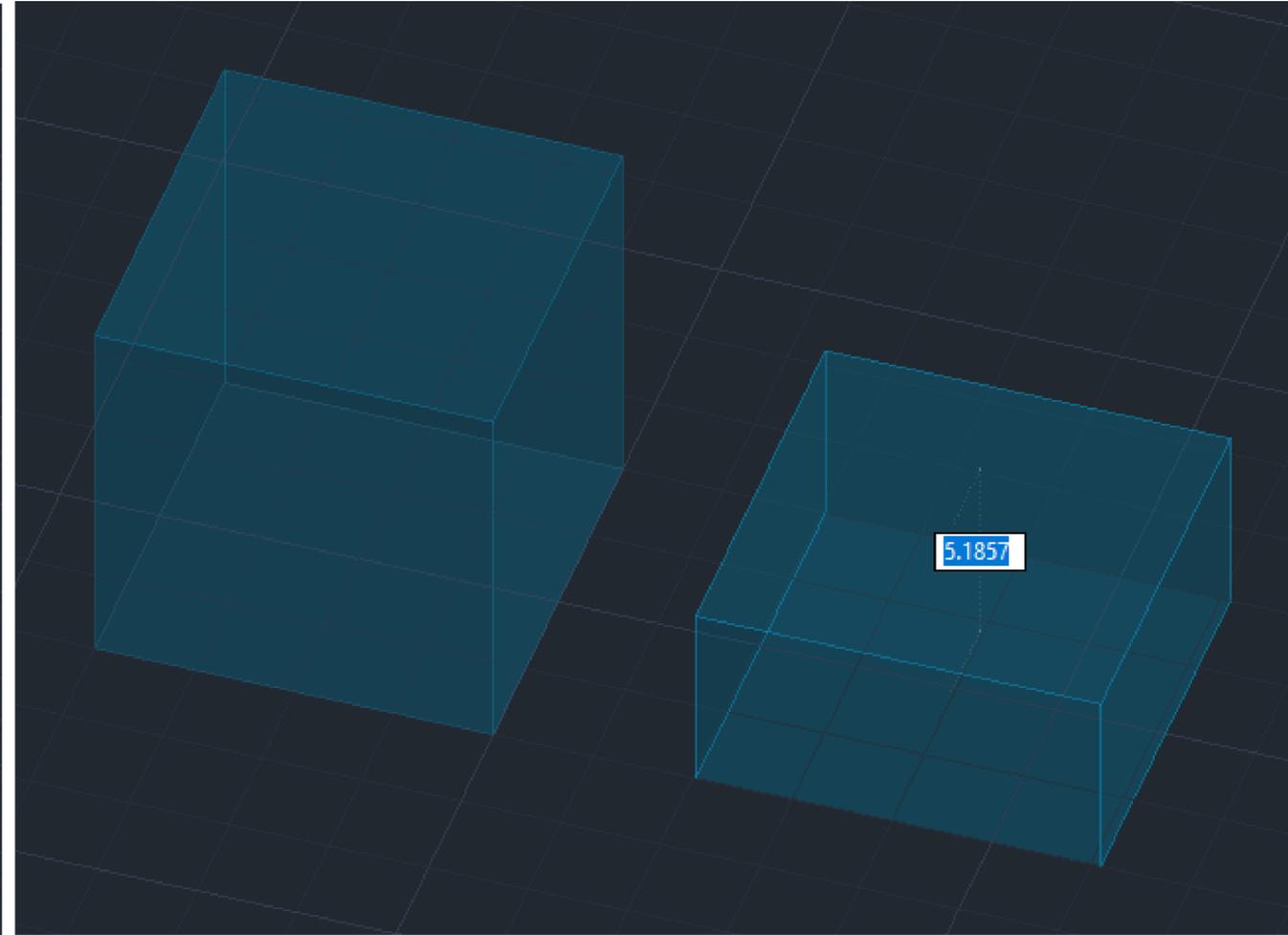
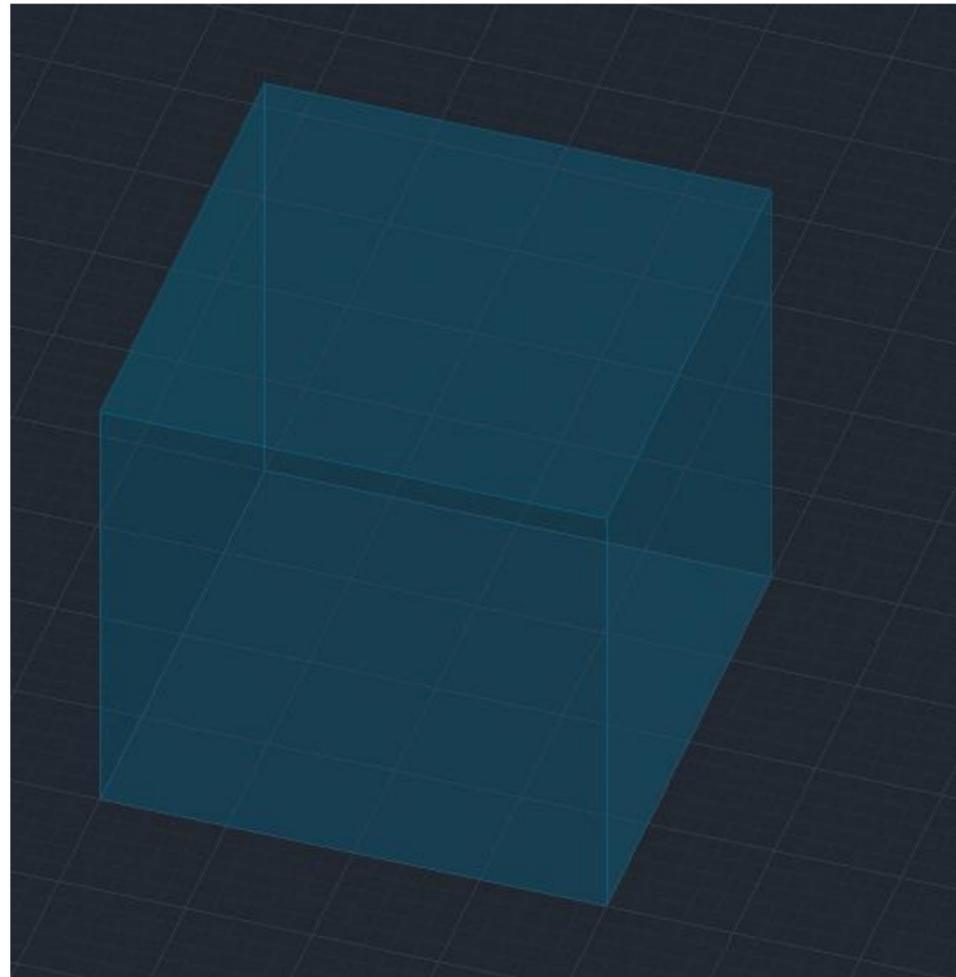


Toro

Exerc. 1.3 - Superfície Parabólica



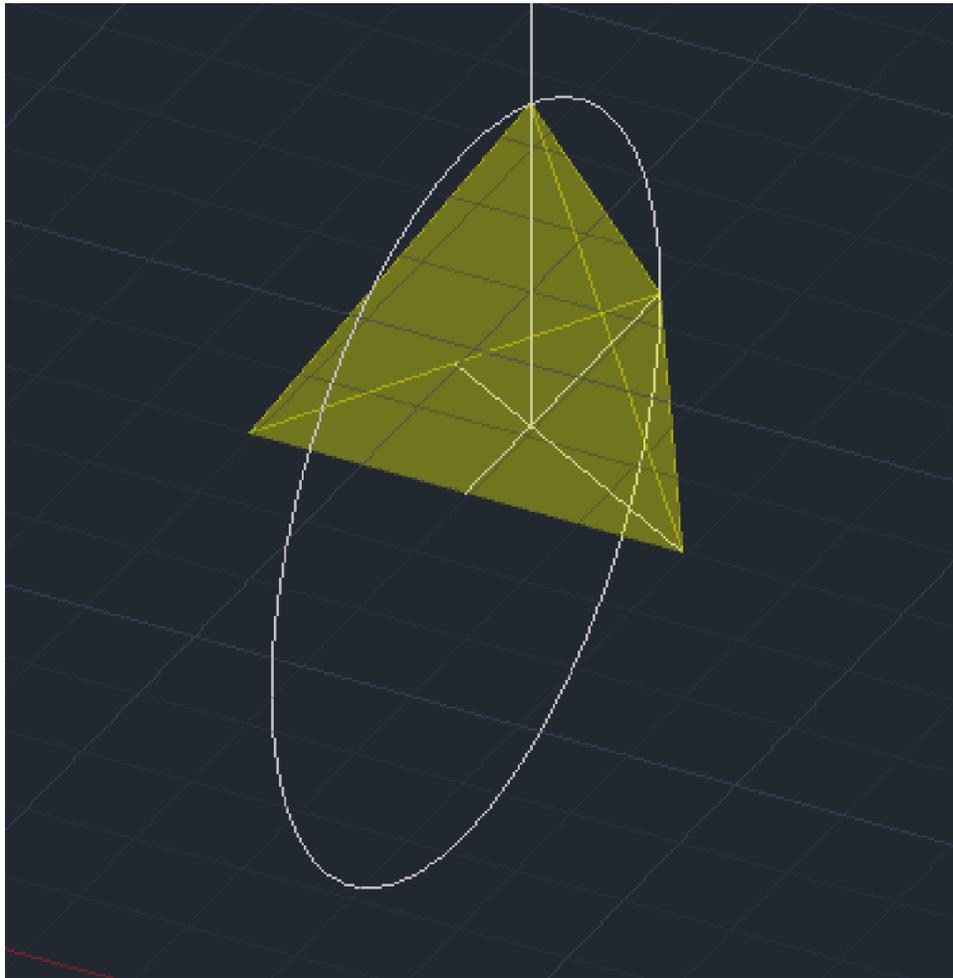
Comando box



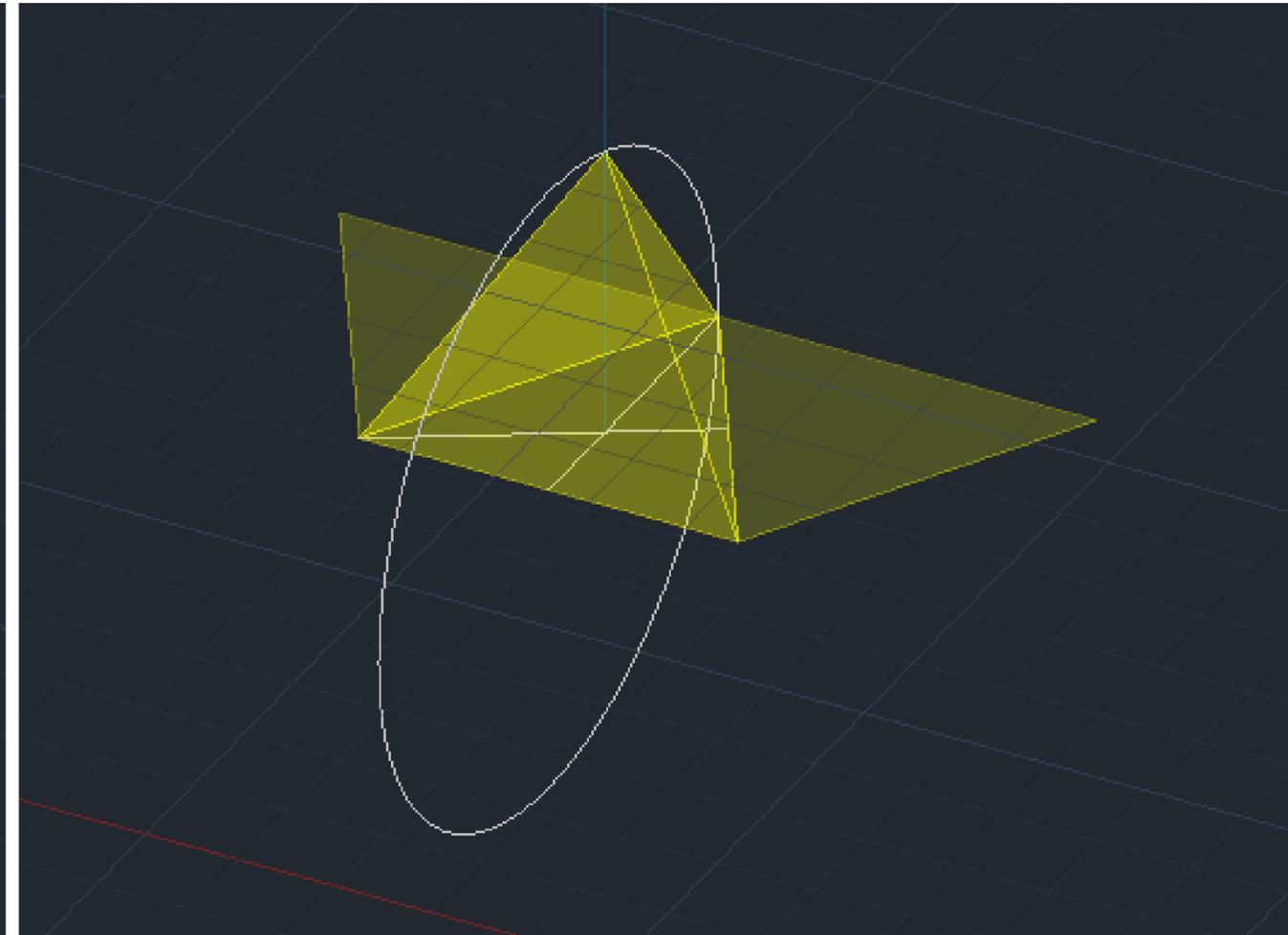
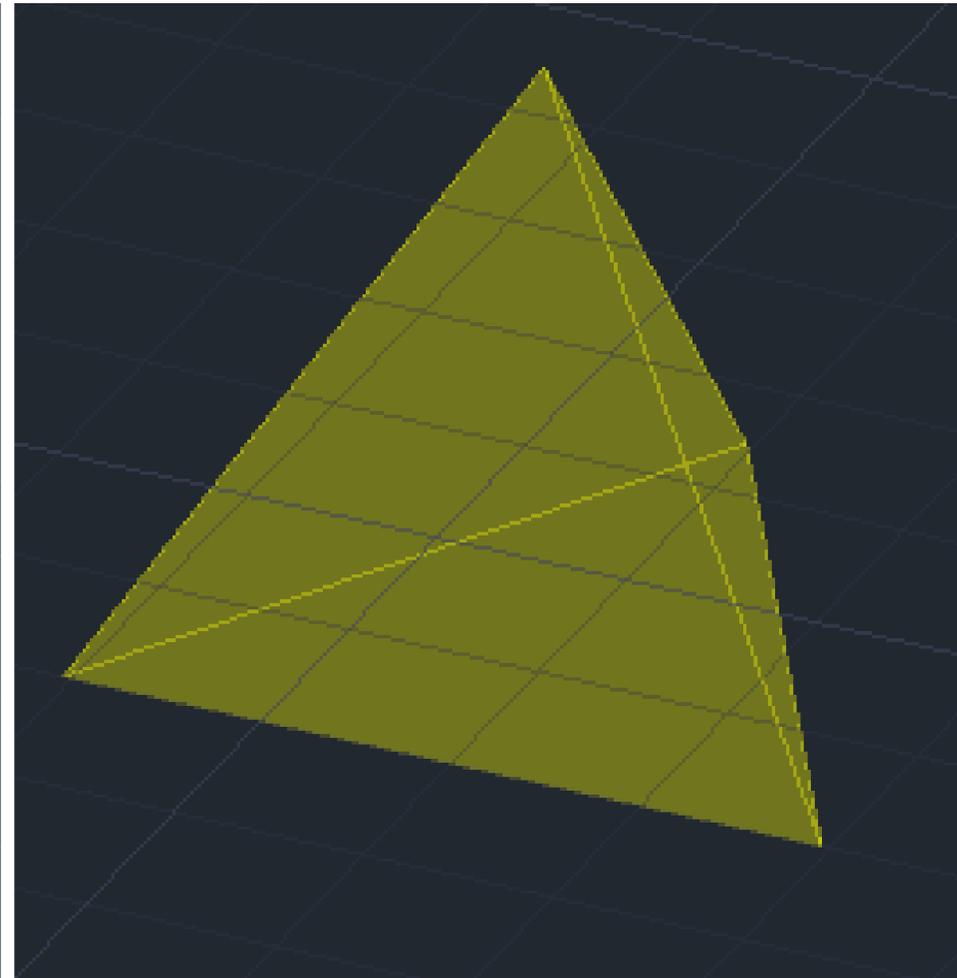
Comando extrude

Exerc. 2.1 - Boxes

Planificação rodada



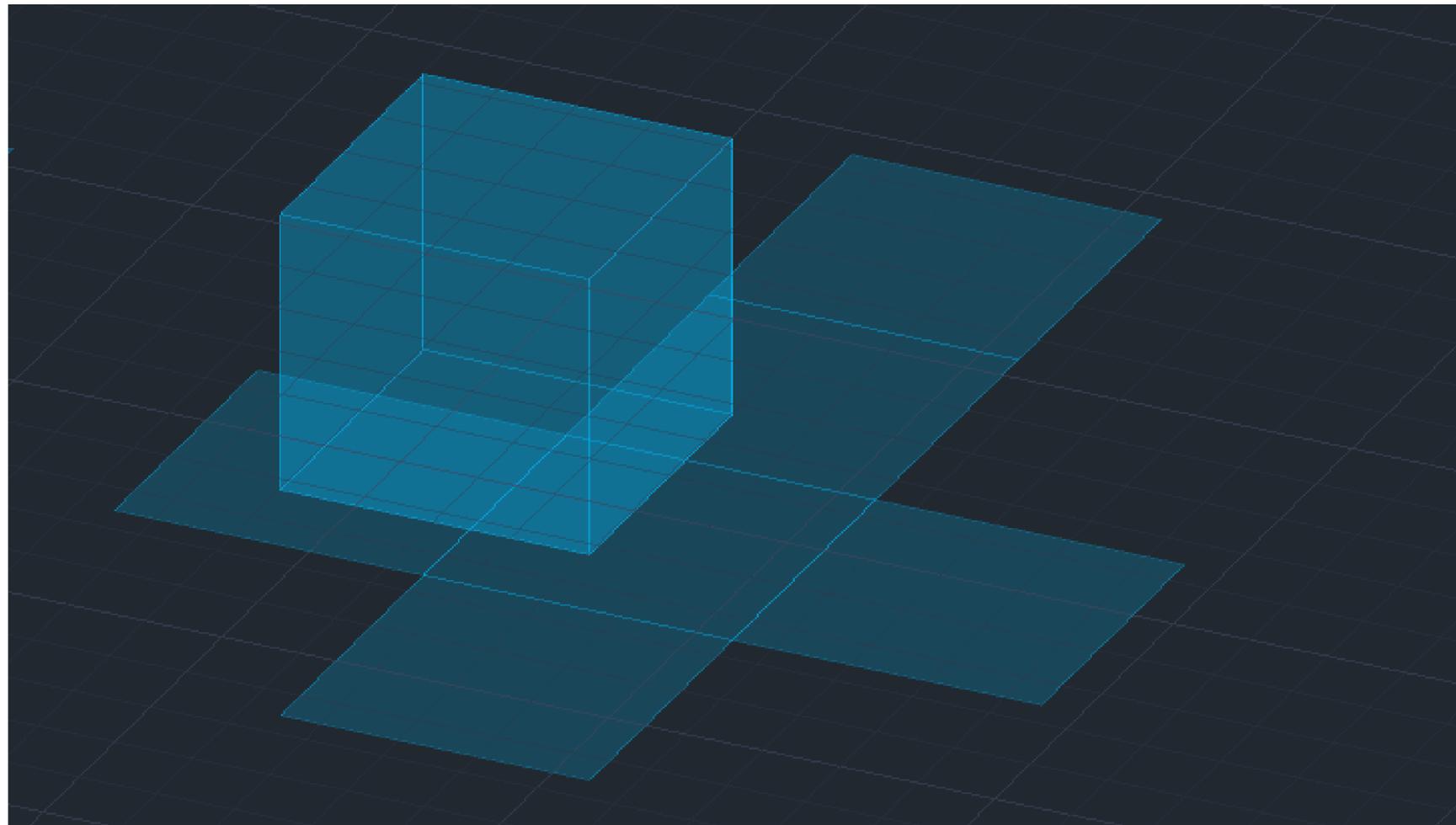
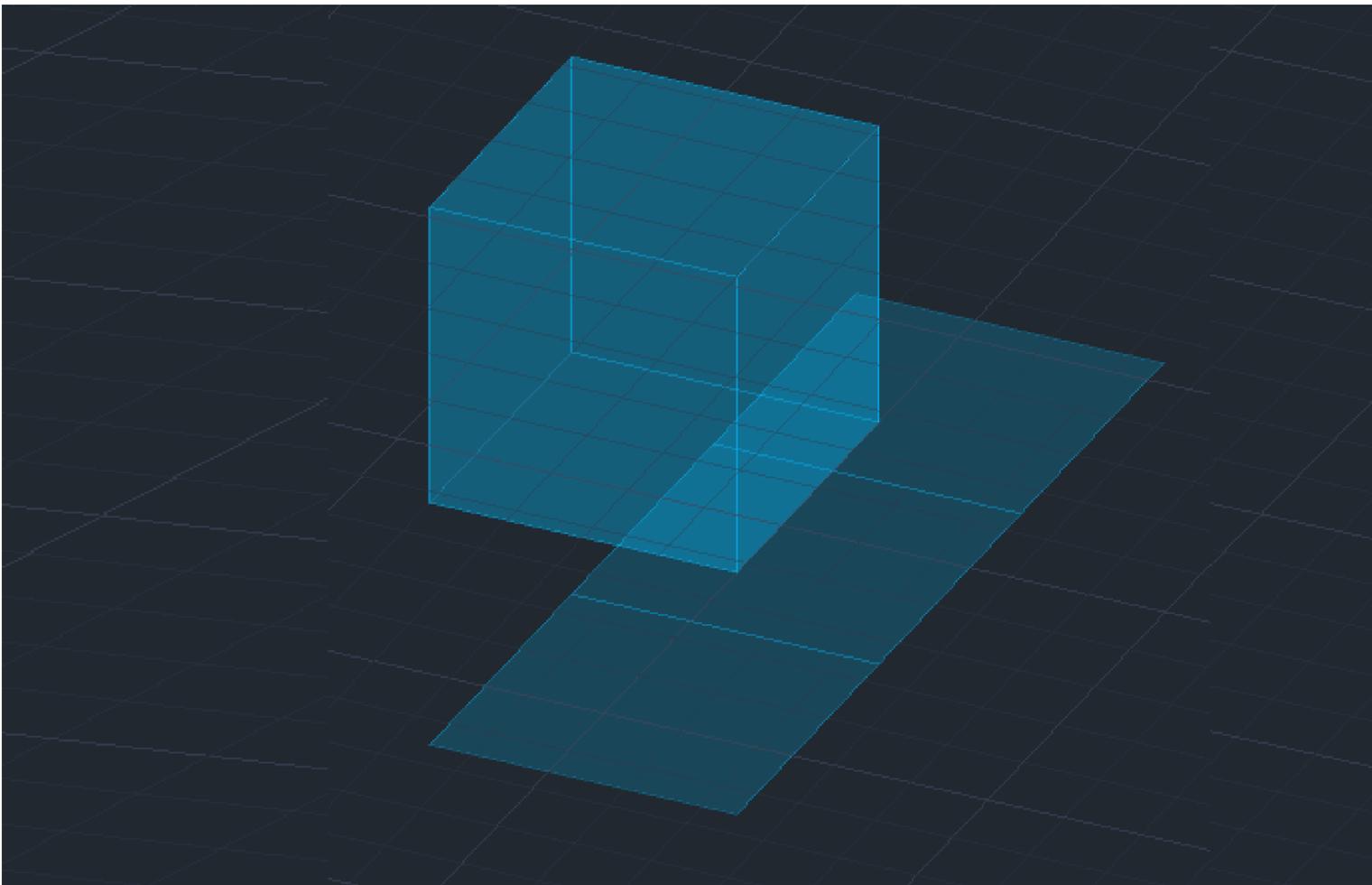
Rotação repetida



Comando 3drotate

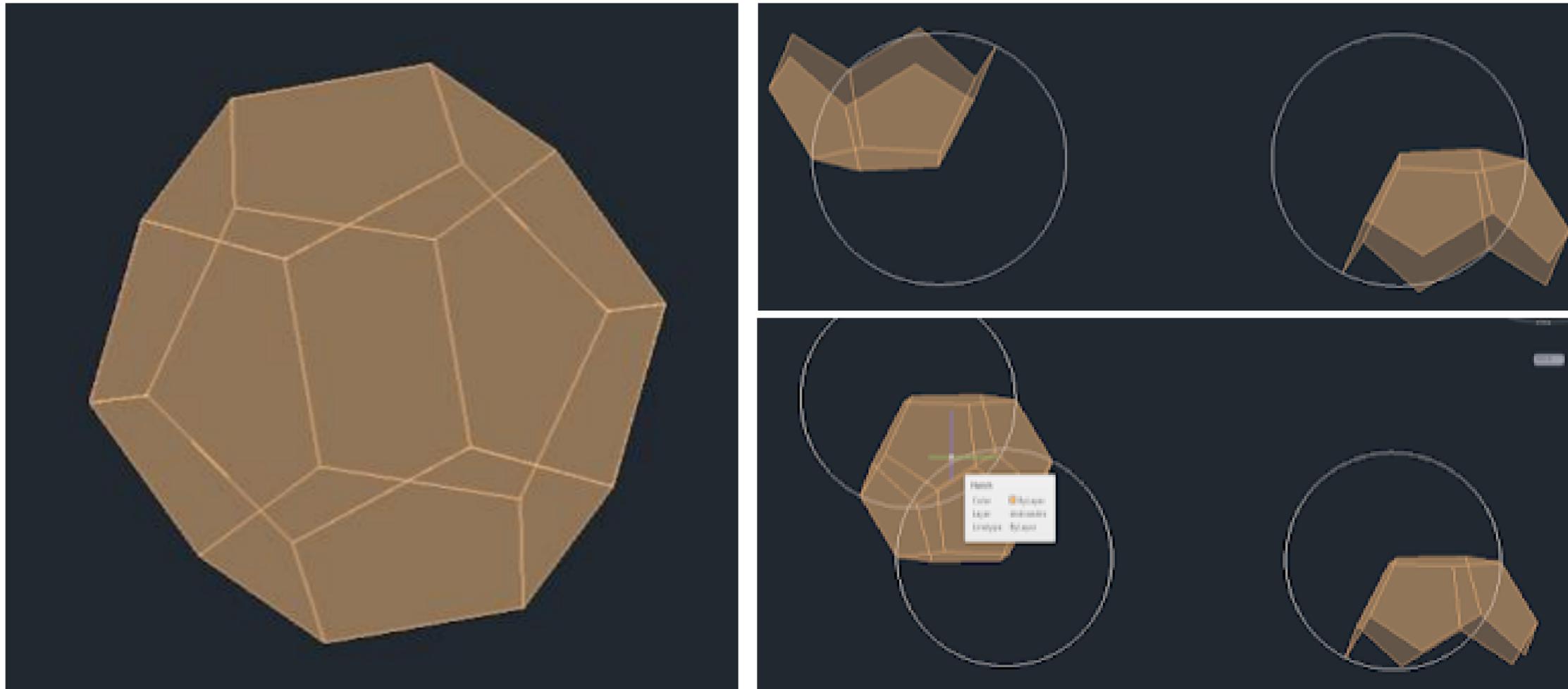
Comando 3darray -polar

Exerc. 2.2 - Tetraedros



Comando 3drotate – obtenção por rotação de faces planificadas

Exerc. 3.3 - Hexaedros



Dodecaedro – polararray3d, 3drotate e 3dmirror

Exerc. 3.4 - Dodecaedro