

Modelação e Visualização Tridimensional em Arquitectura



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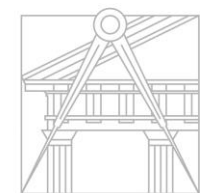
Mestrado Integrado em Arquitectura
Ano Lectivo 2022-2023 2º Semestre
Docente - Nuno Alão 3º Ano

20201264

FRANCISCO DIAS



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MVTA

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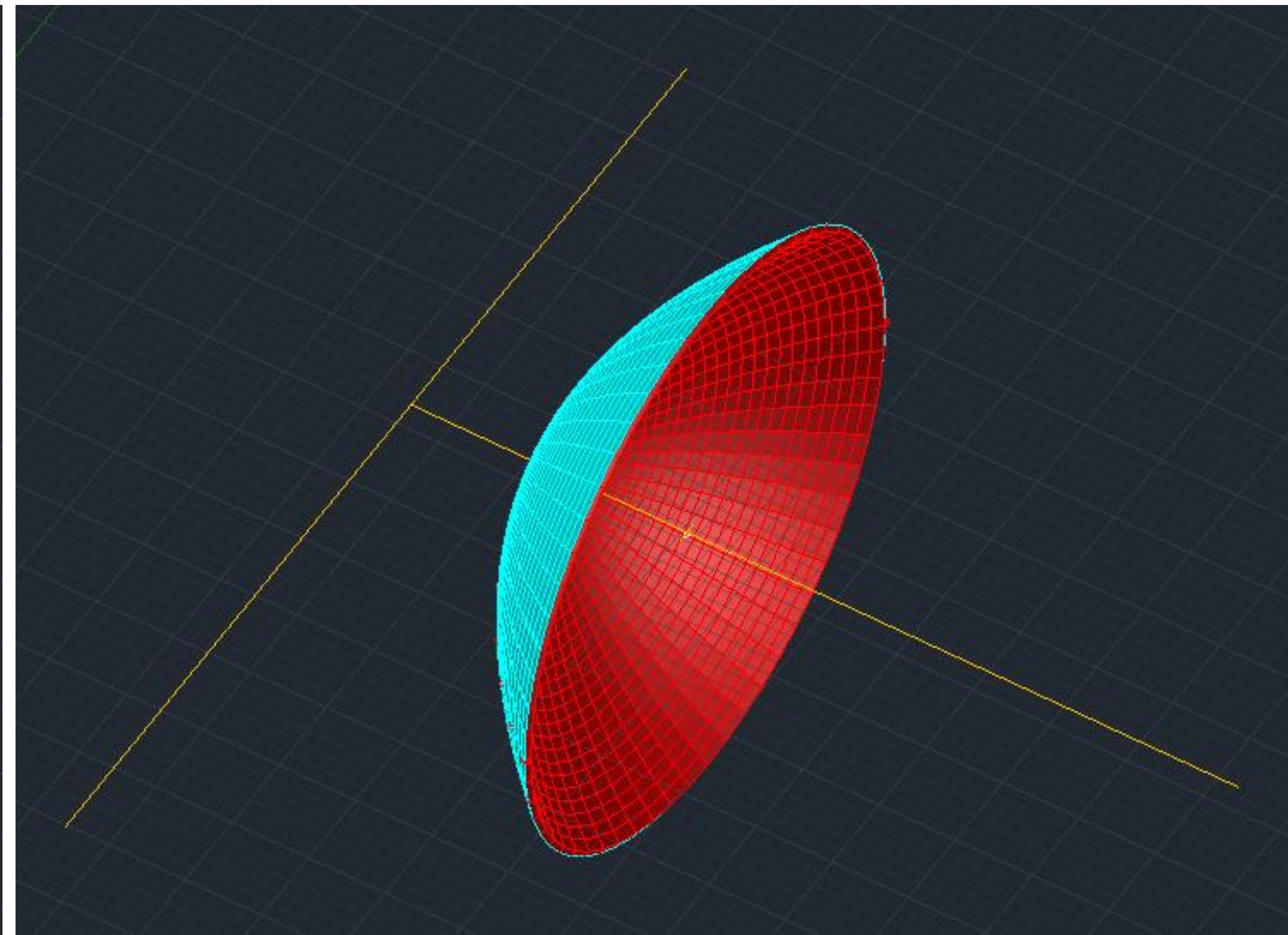
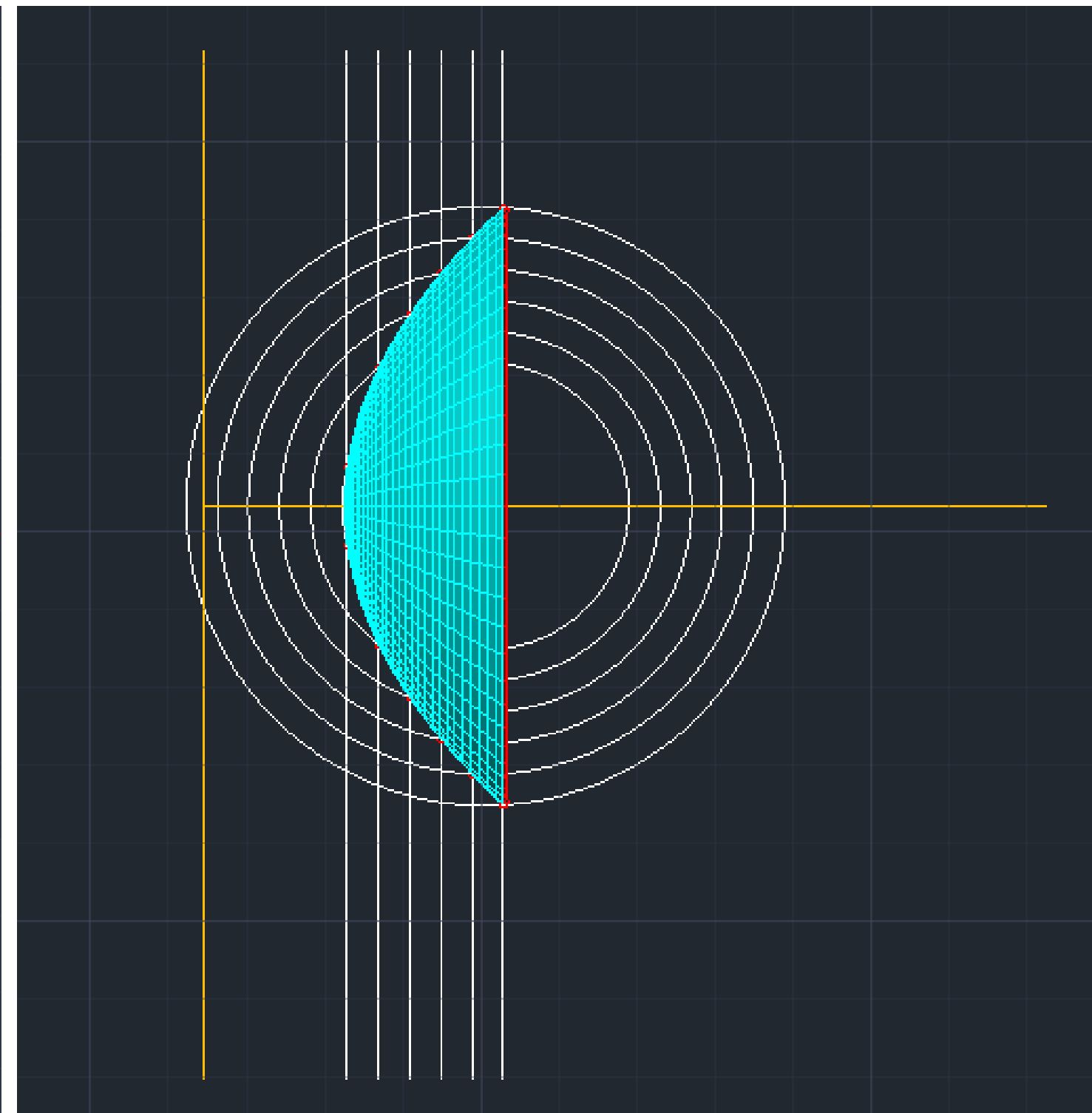
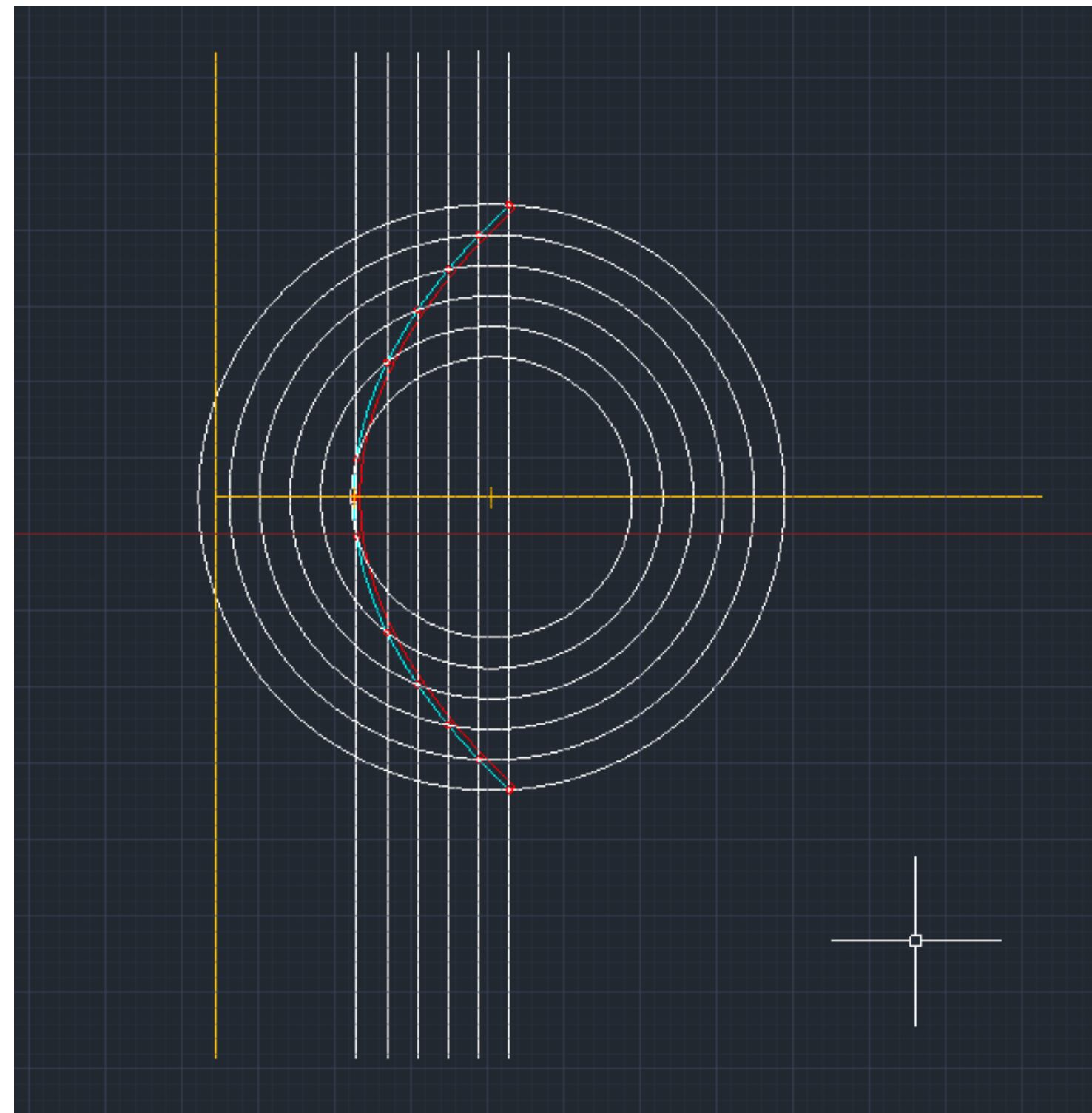
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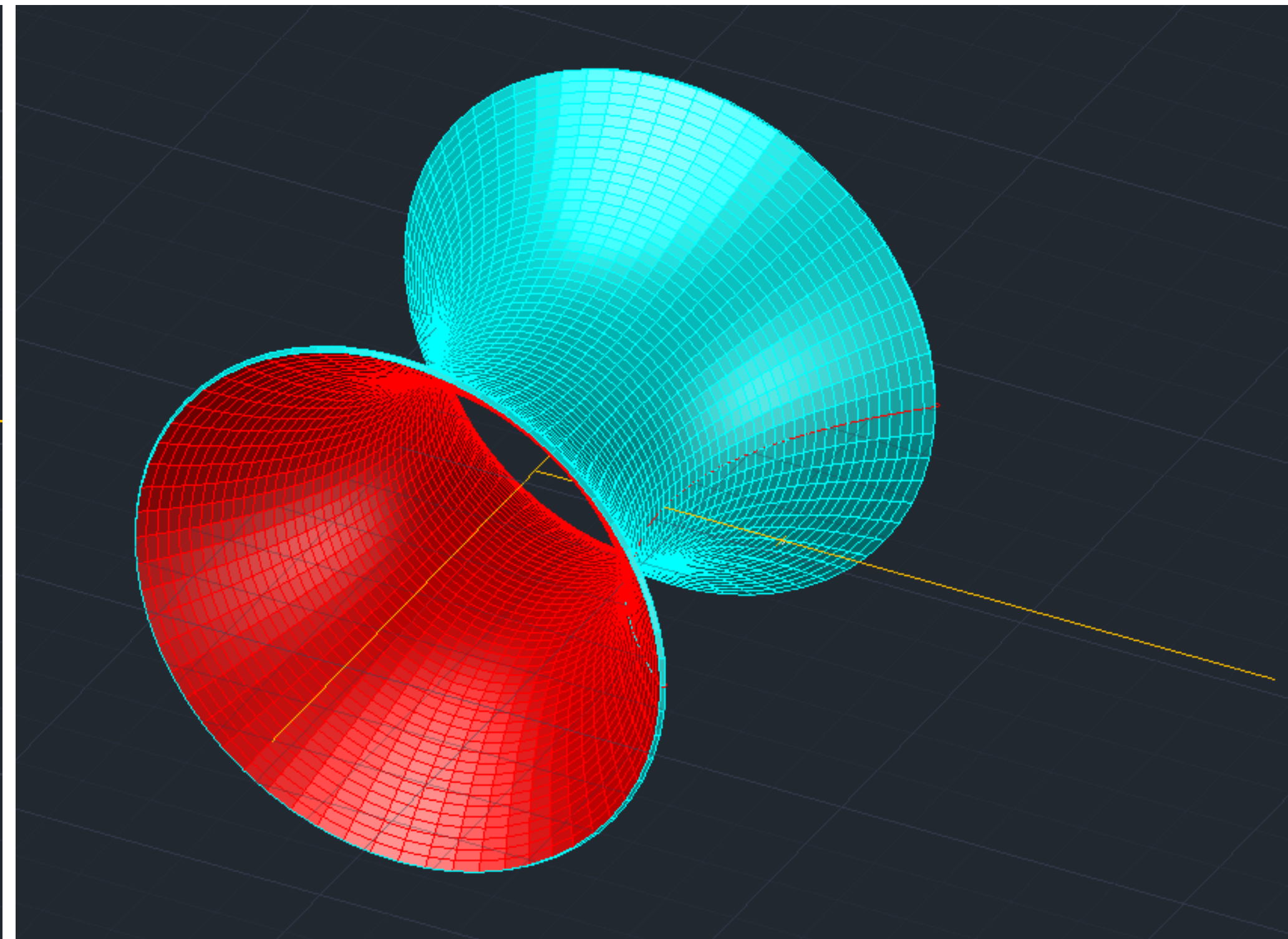
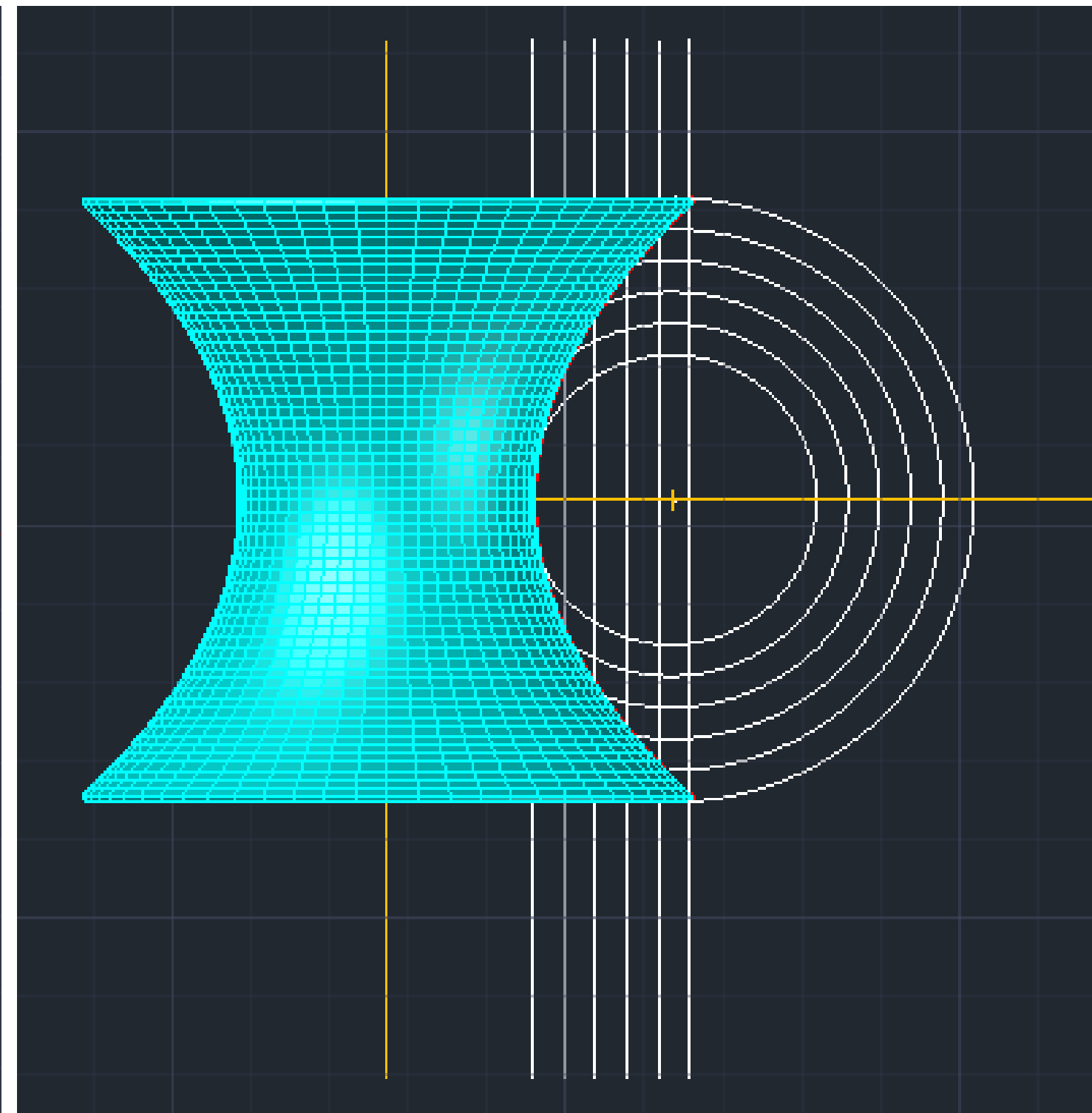
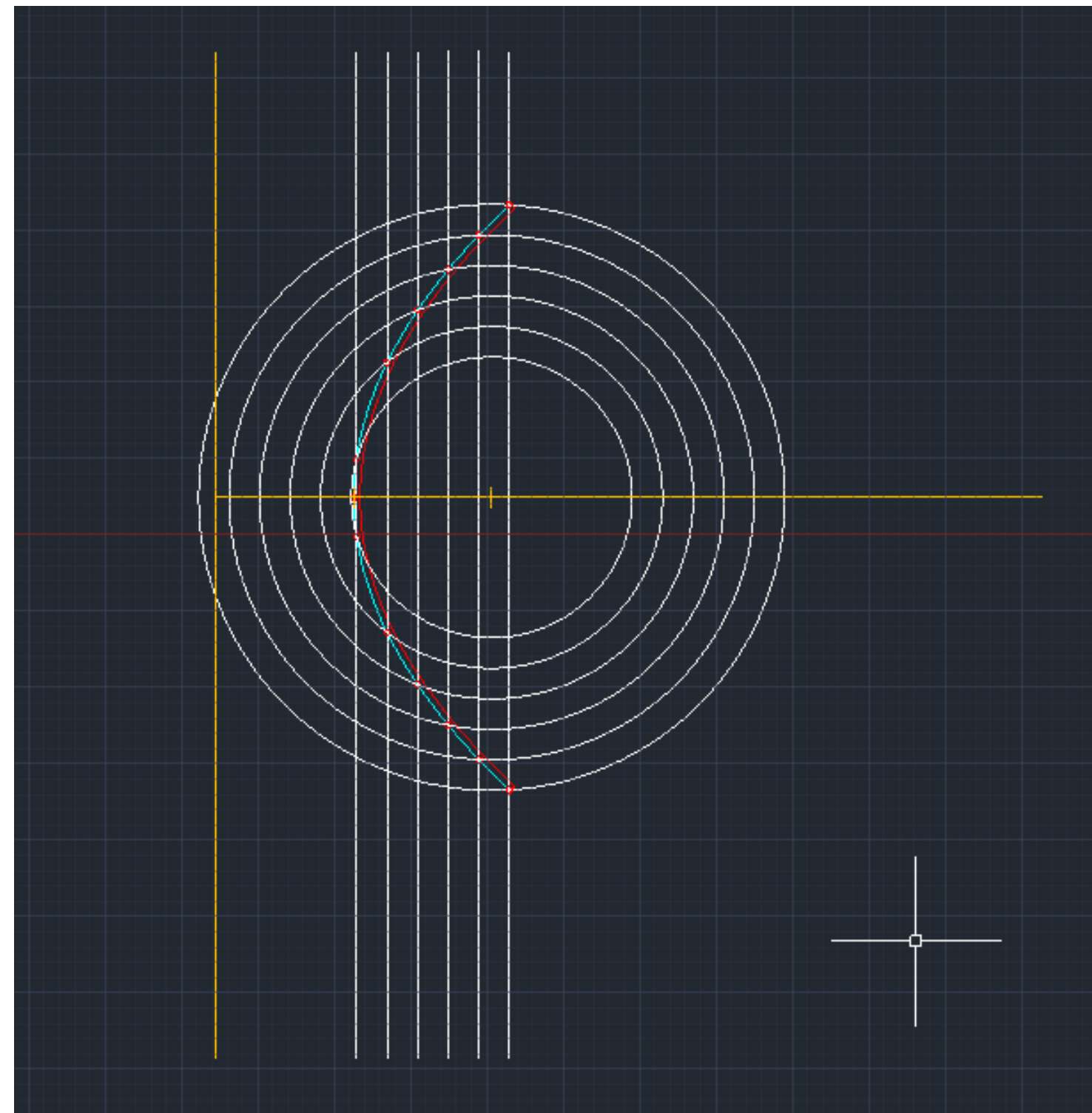
Parábola, Superfície Parabólica 1	----1.1
Parábola, Superfície Parabólica 2	----1.2
Toro Seccionado	----1.3

Aula 1:

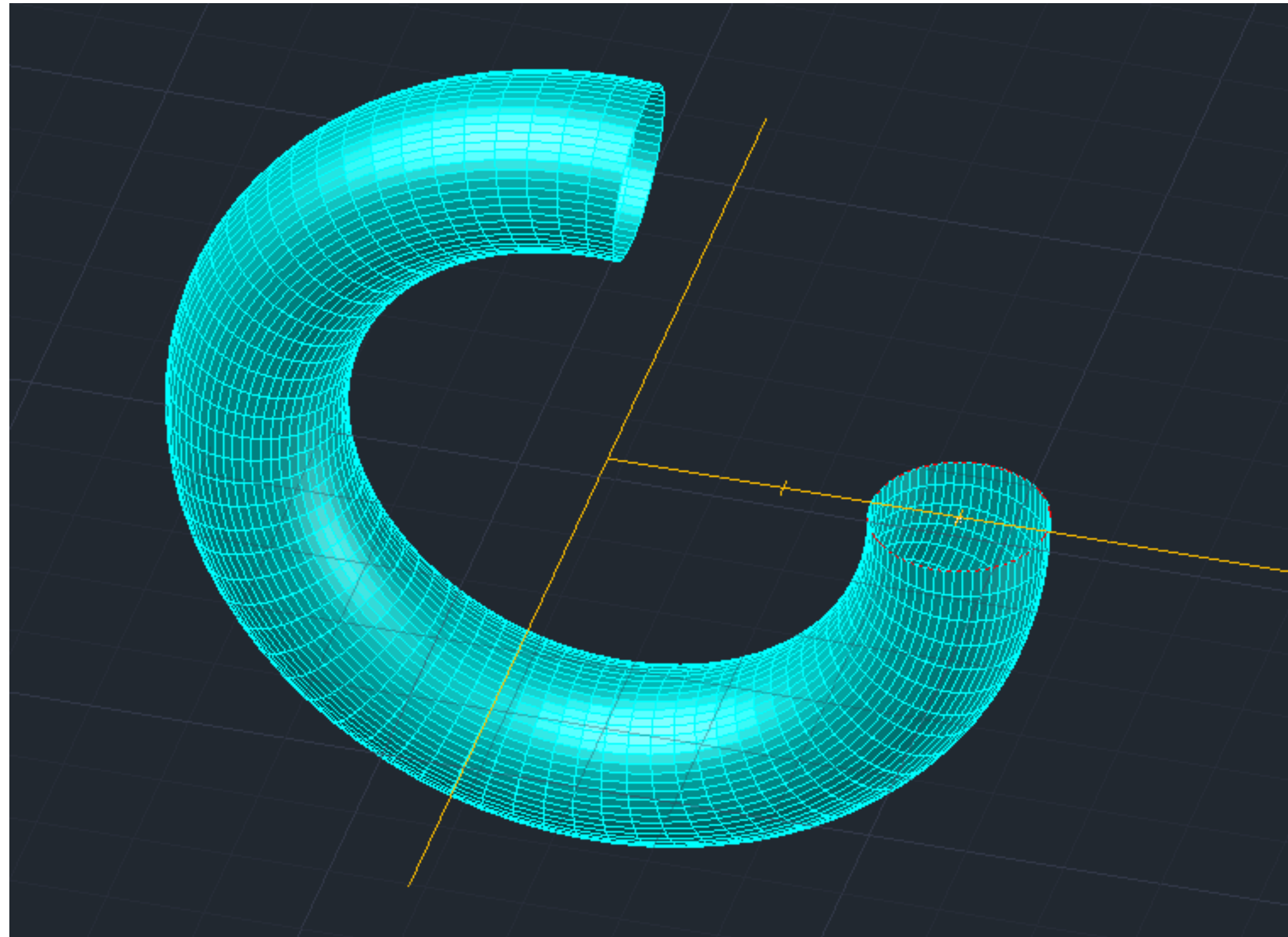
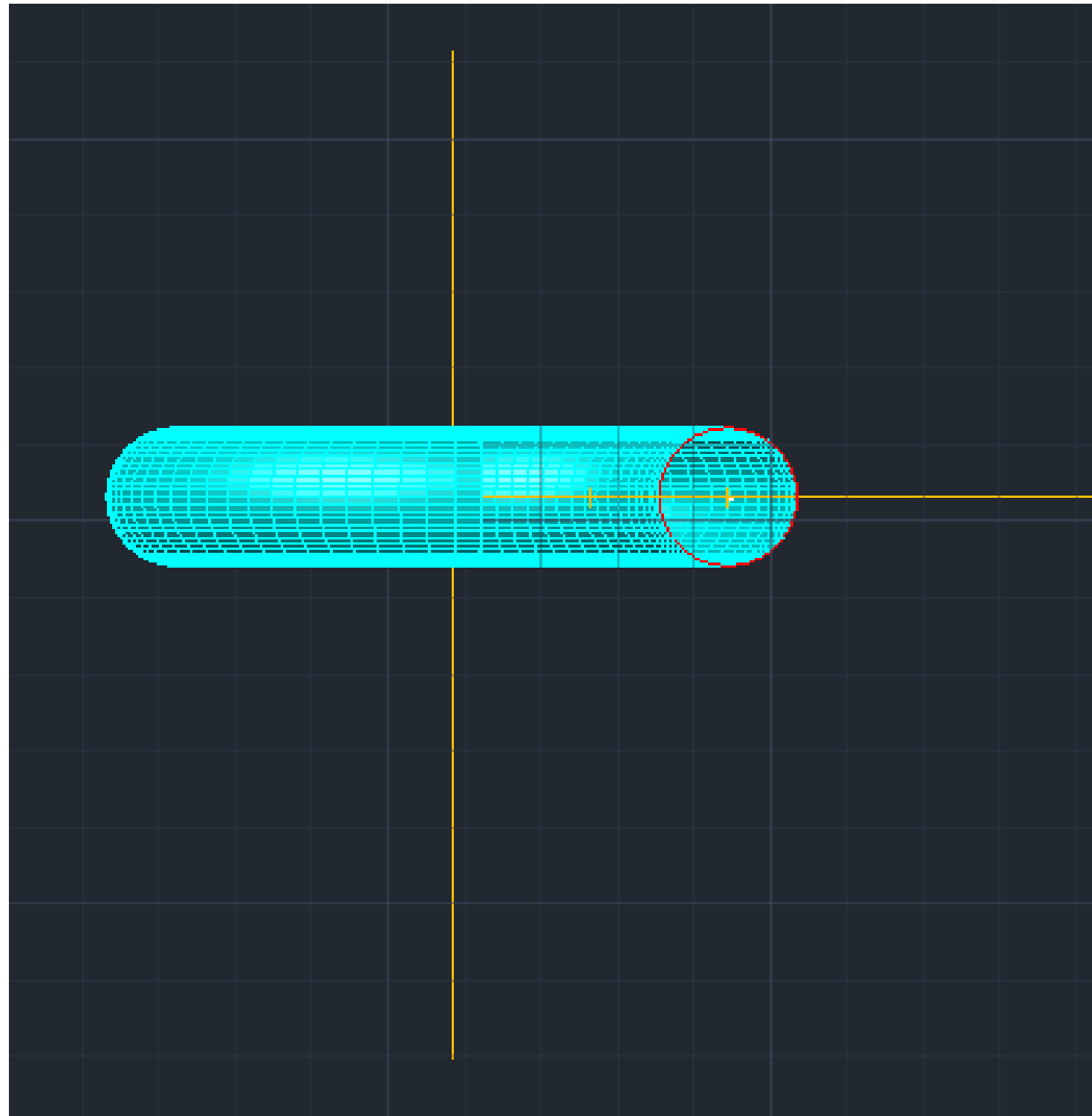
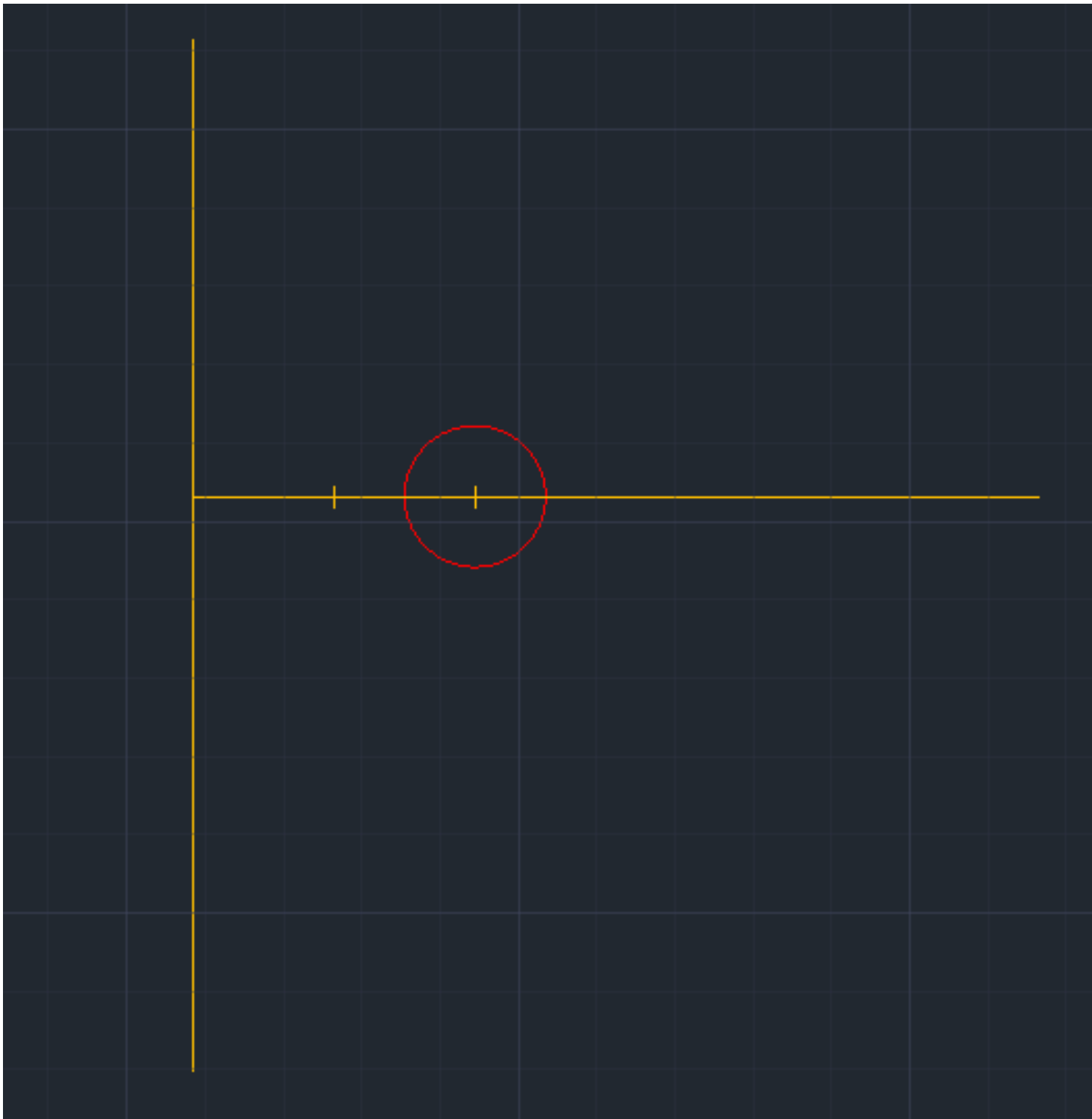
Boxes	----2.1
Tetraedros	----2,2
Hexaedros	----2.3
Dodecaedro	----2.4



Exerc. 1.1 - Superfície Parabólica

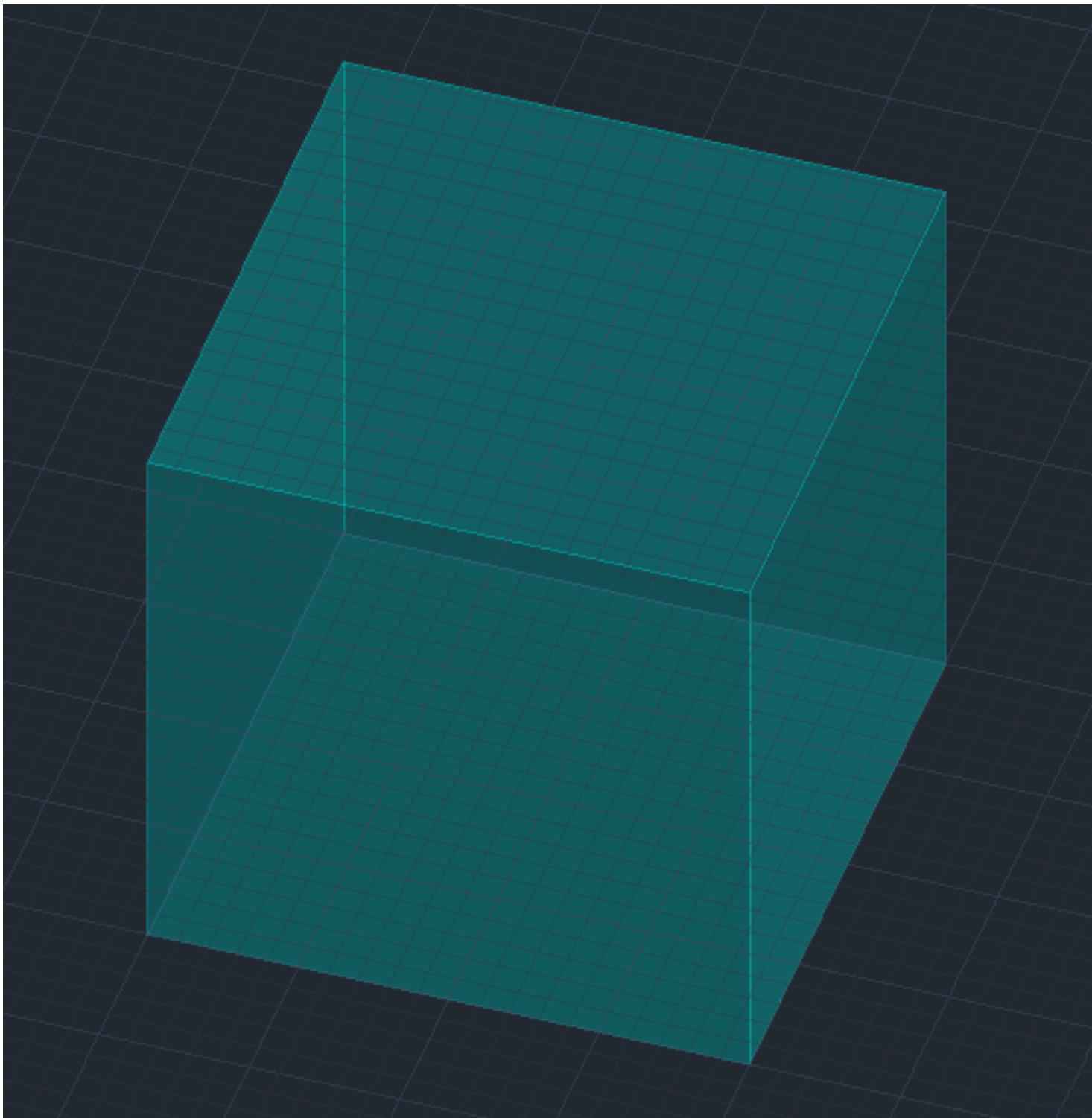


Exerc. 1.2 - Superfície Parabólica

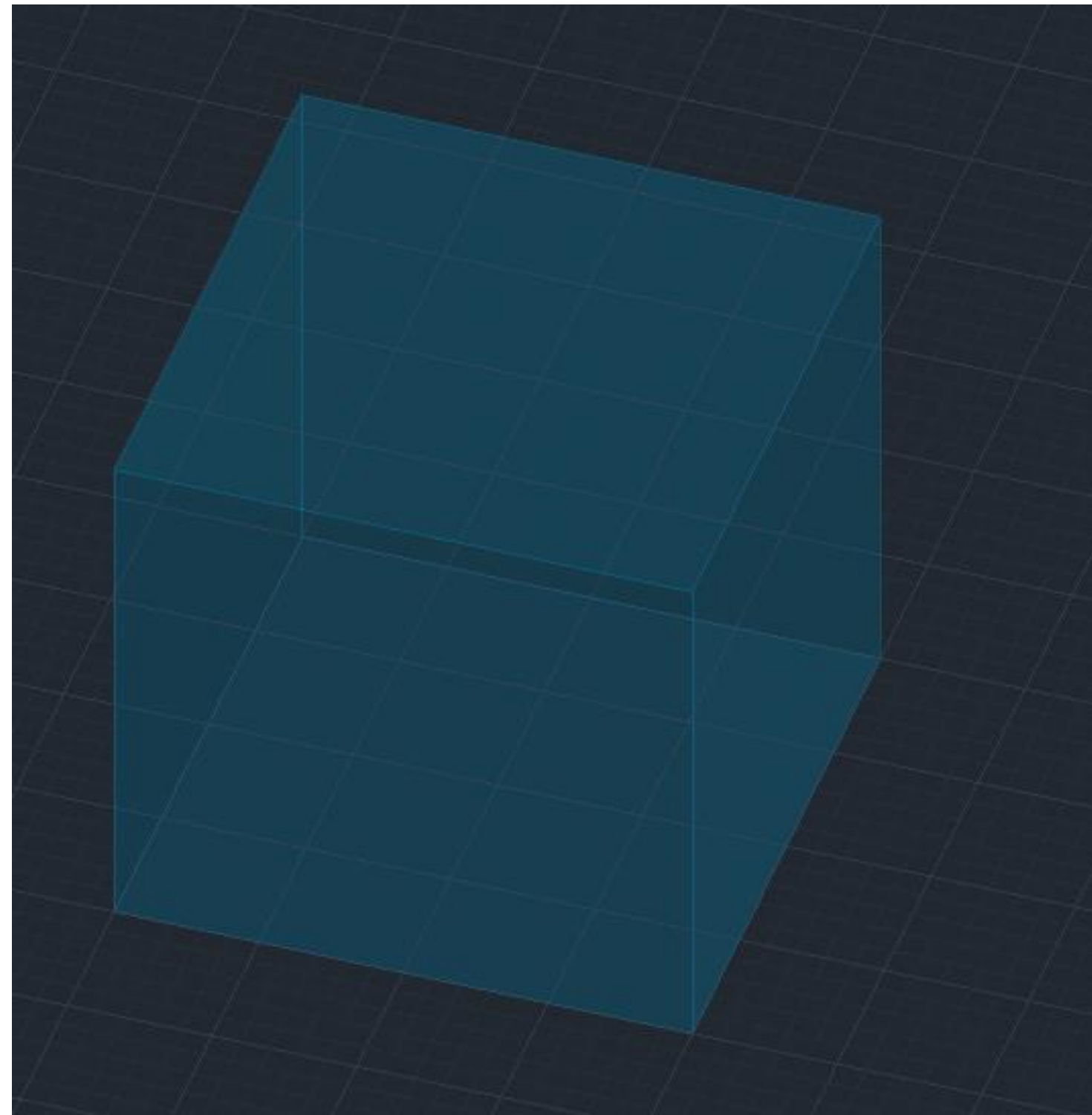


Toro

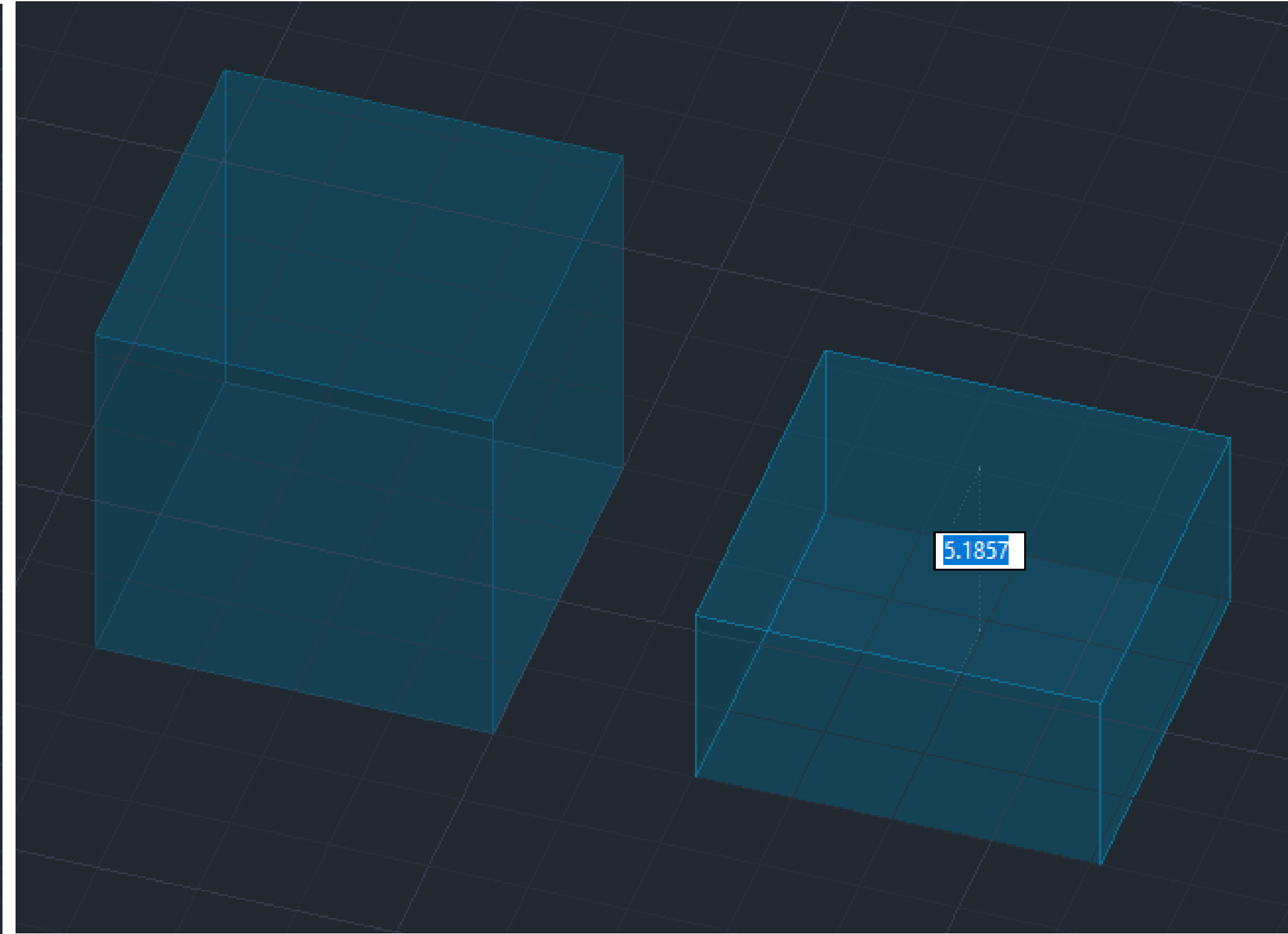
Exerc. 1.3 - Superfície Parabólica



Comando box

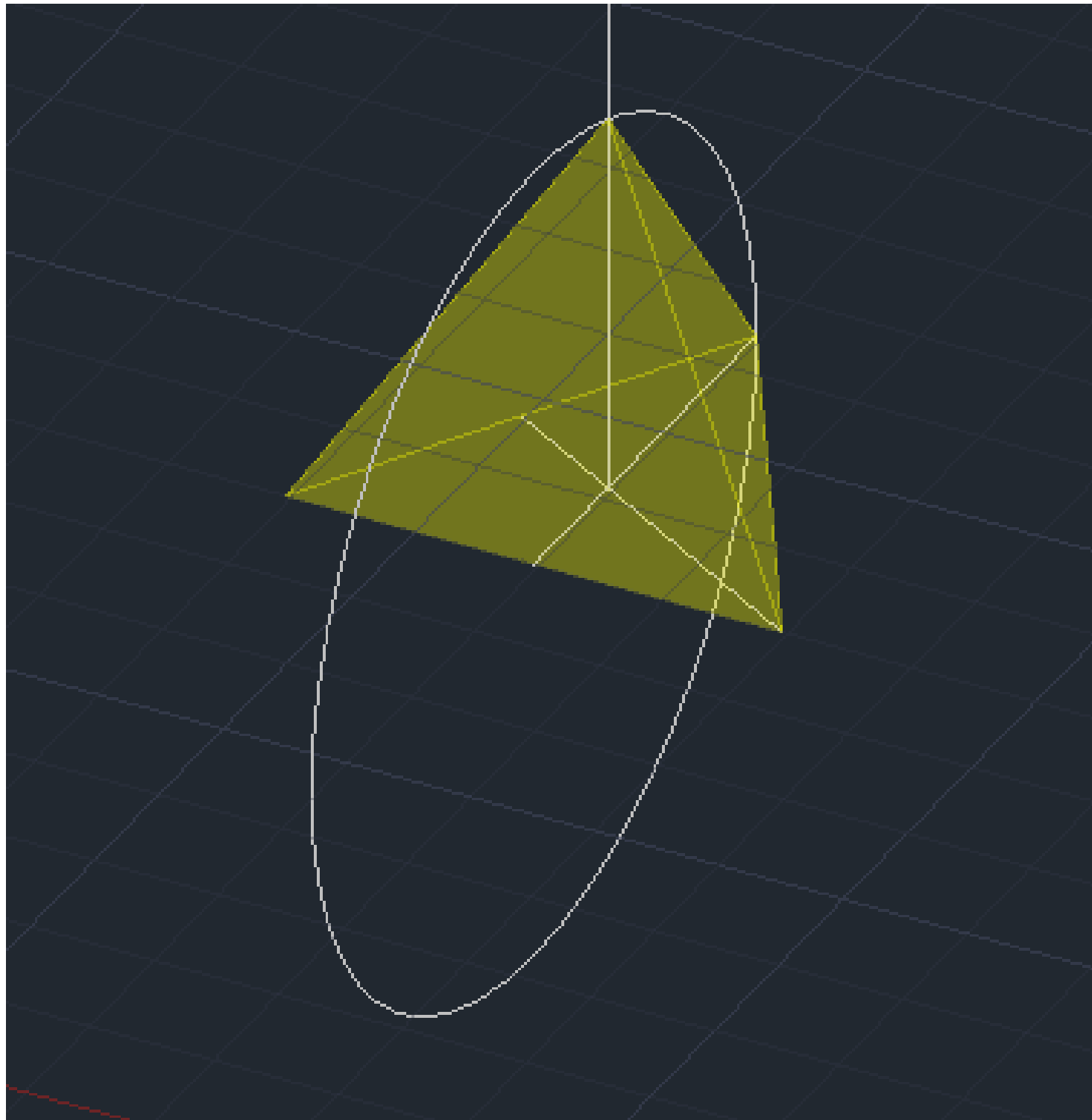


Comando extrude

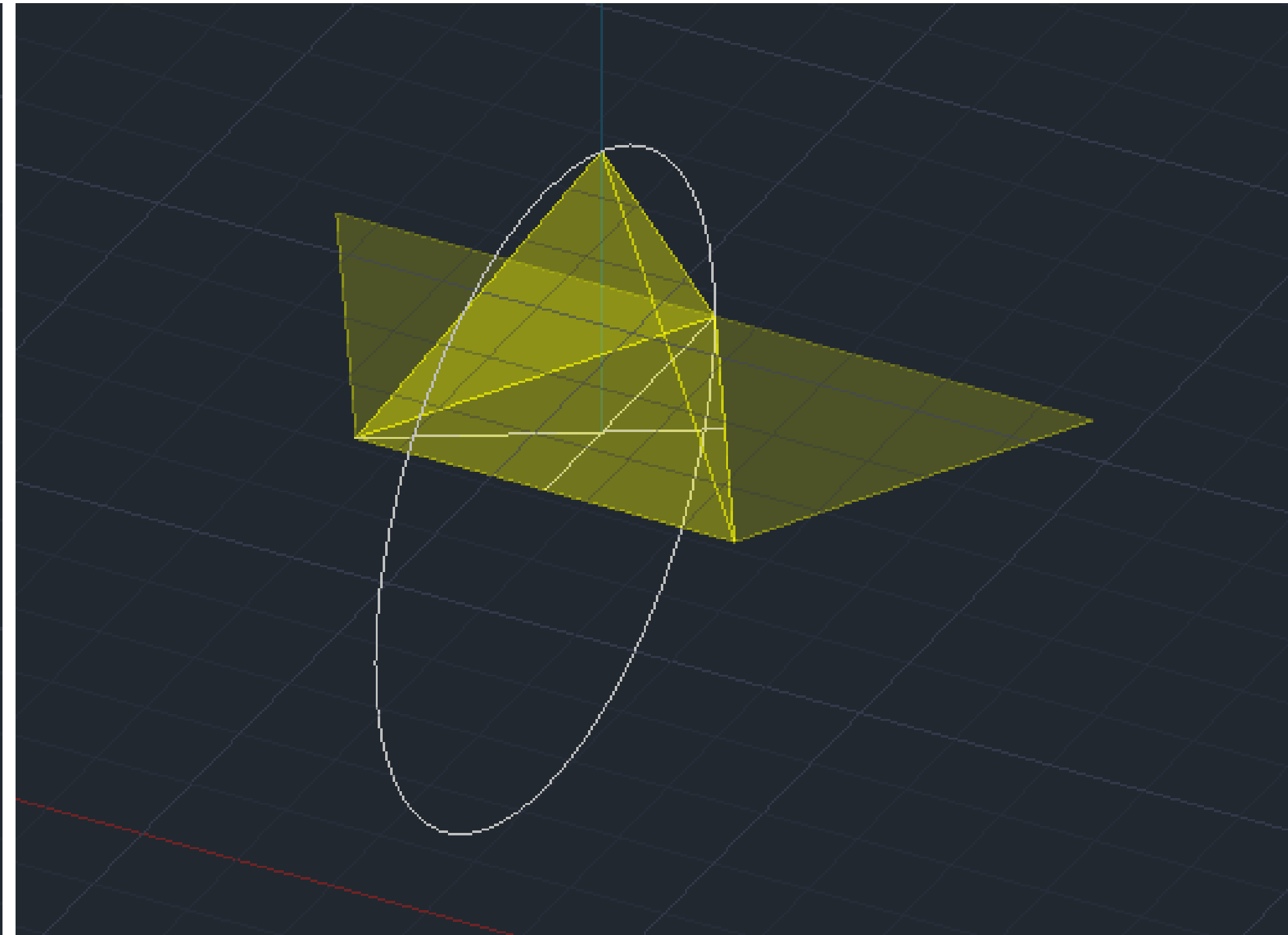


Exerc. 2.1 - Boxes

Planificação rodada



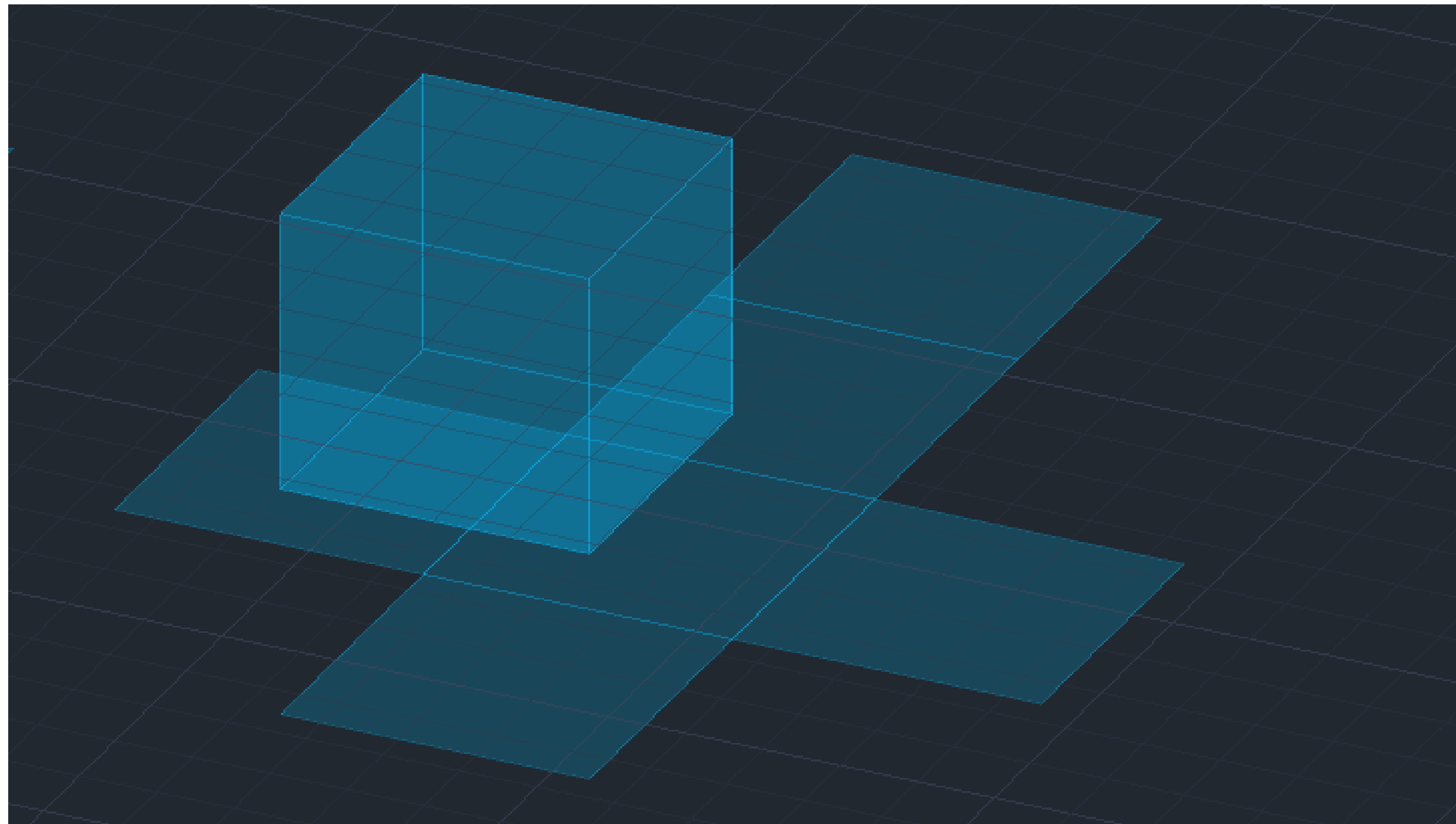
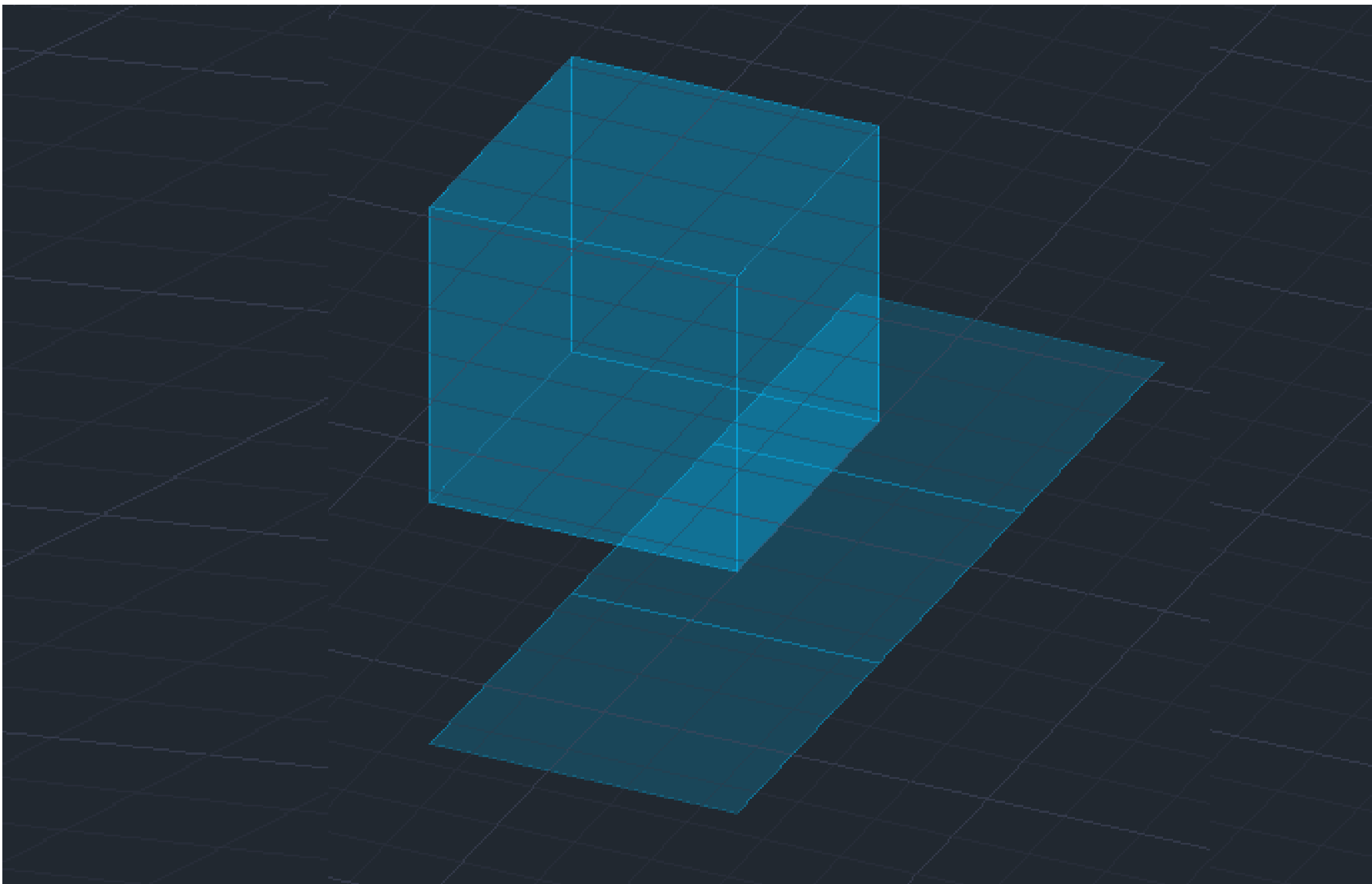
Rotação repetida



Comando 3drotate

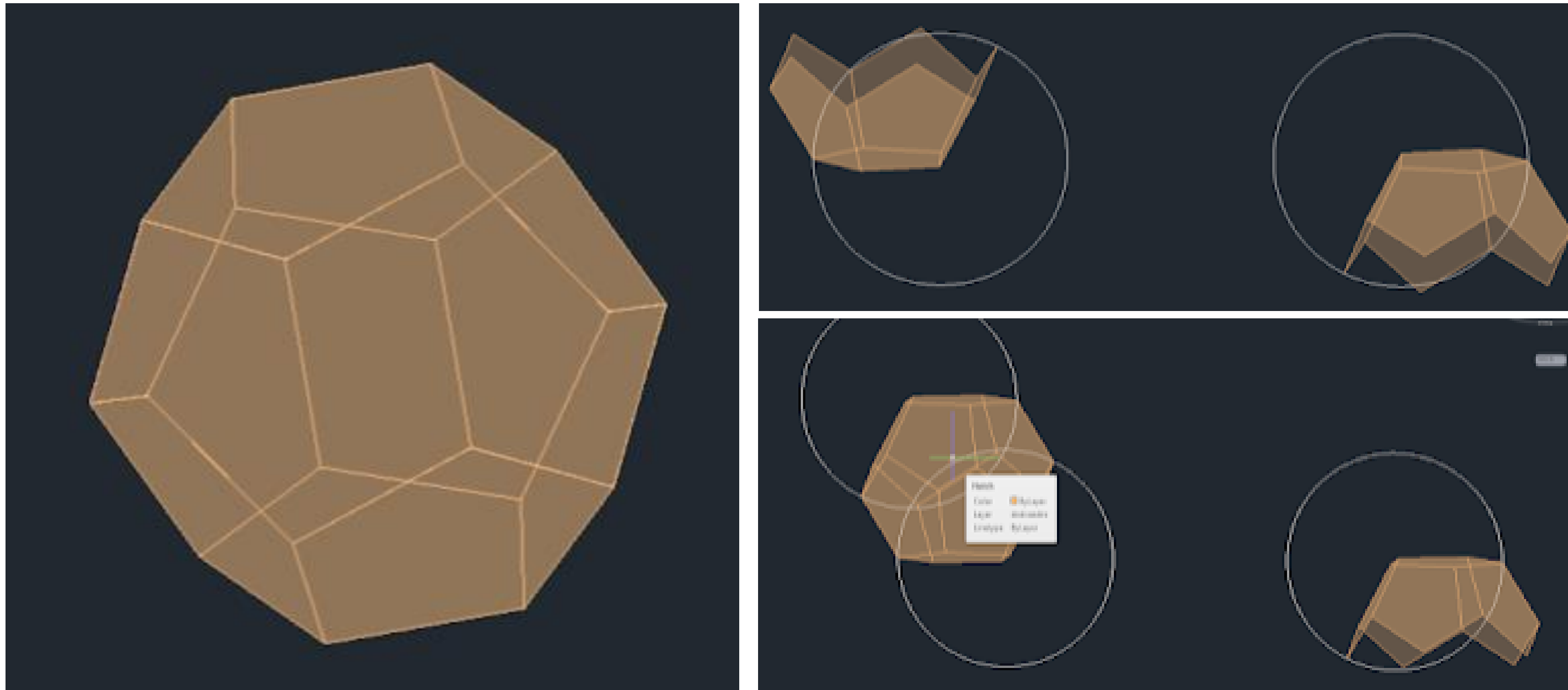
Comando 3darray -polar

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