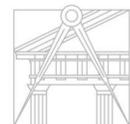


Modelação e Visualização Tridimensional em Arquitectura



UNIVERSIDADE
DE LISBOA



FACULDADE DE ARQUITETURA
UNIVERSIDADE DE LISBOA

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

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BEATRIZ SANTOS



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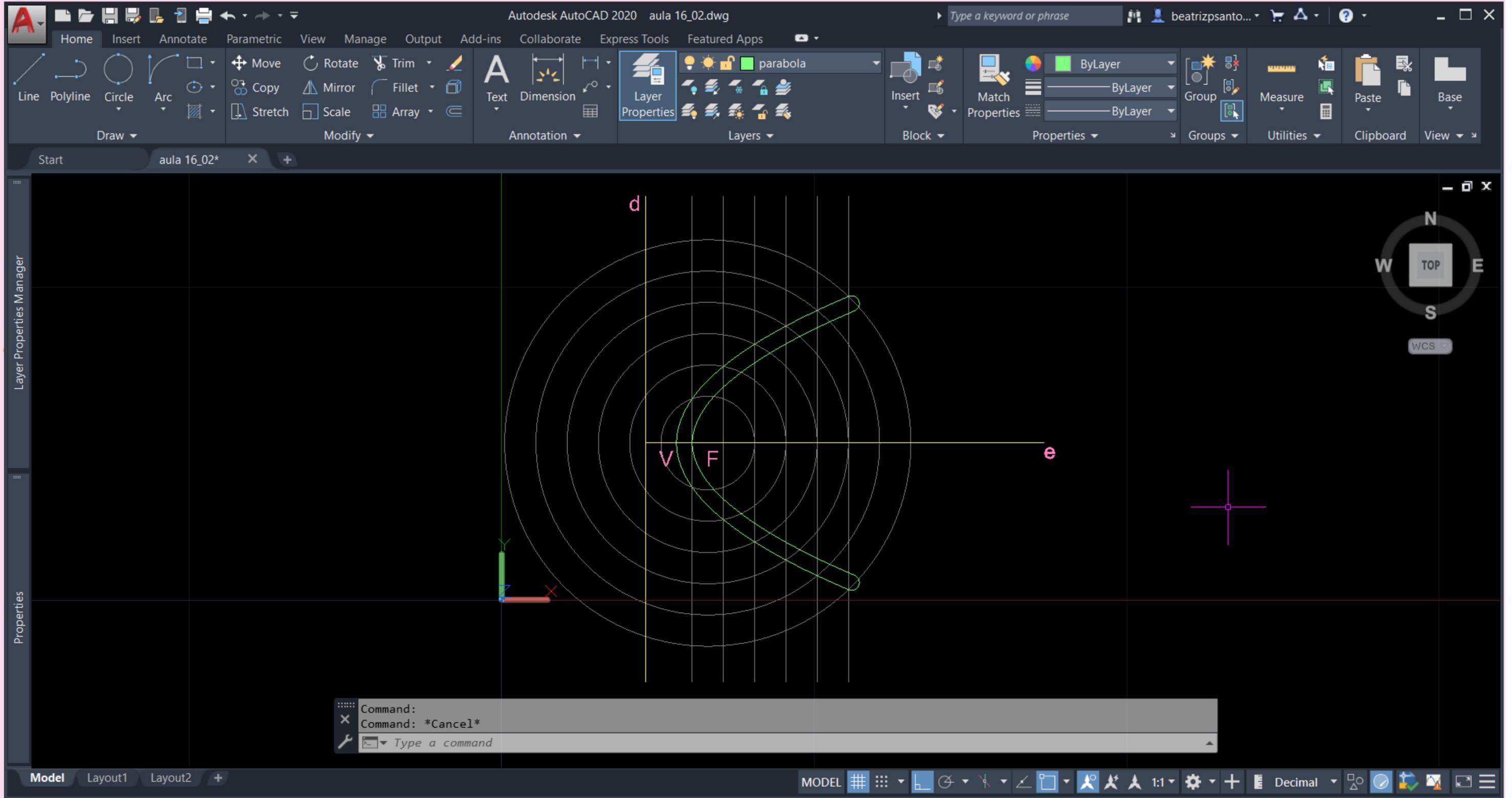
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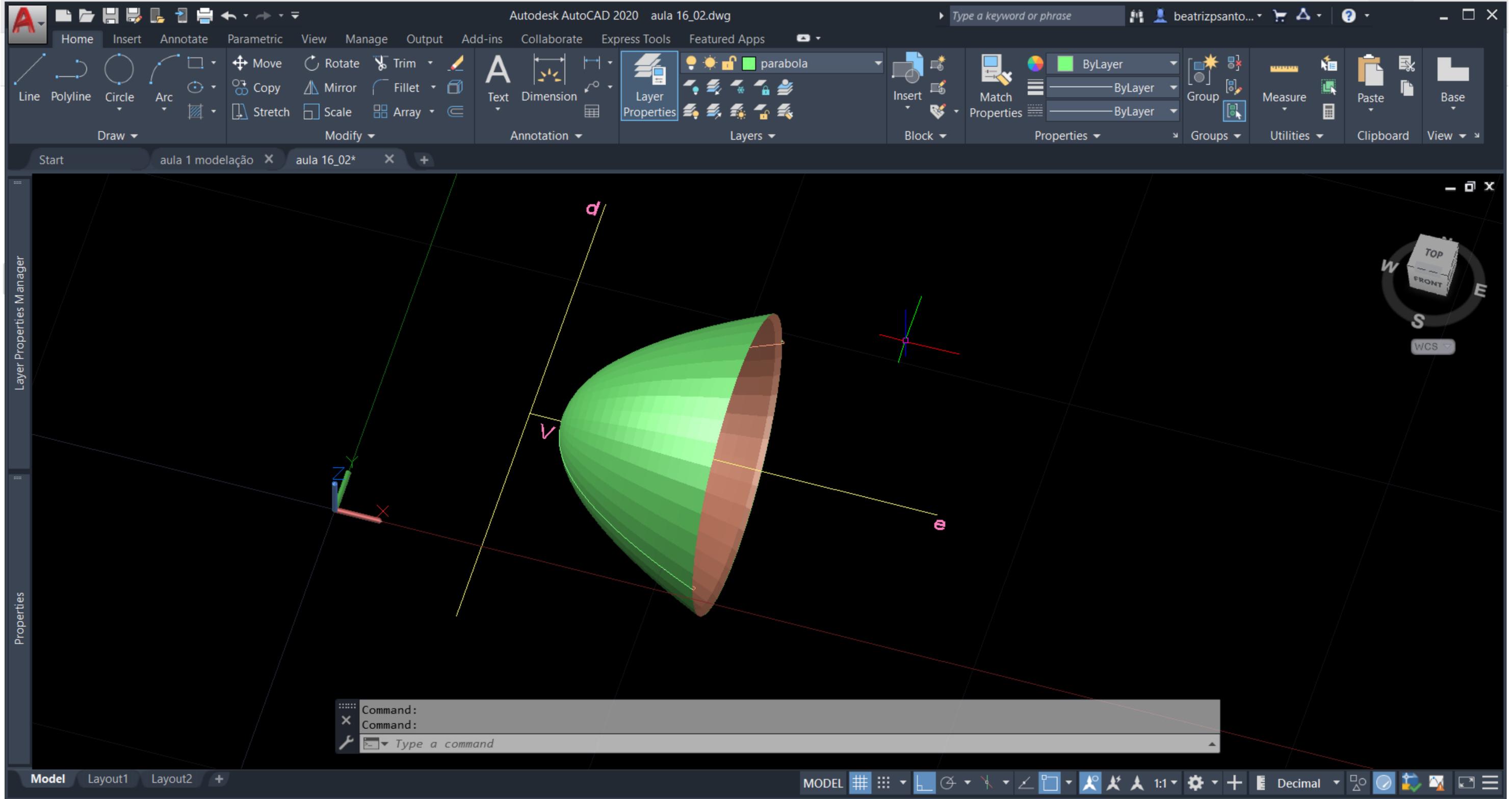
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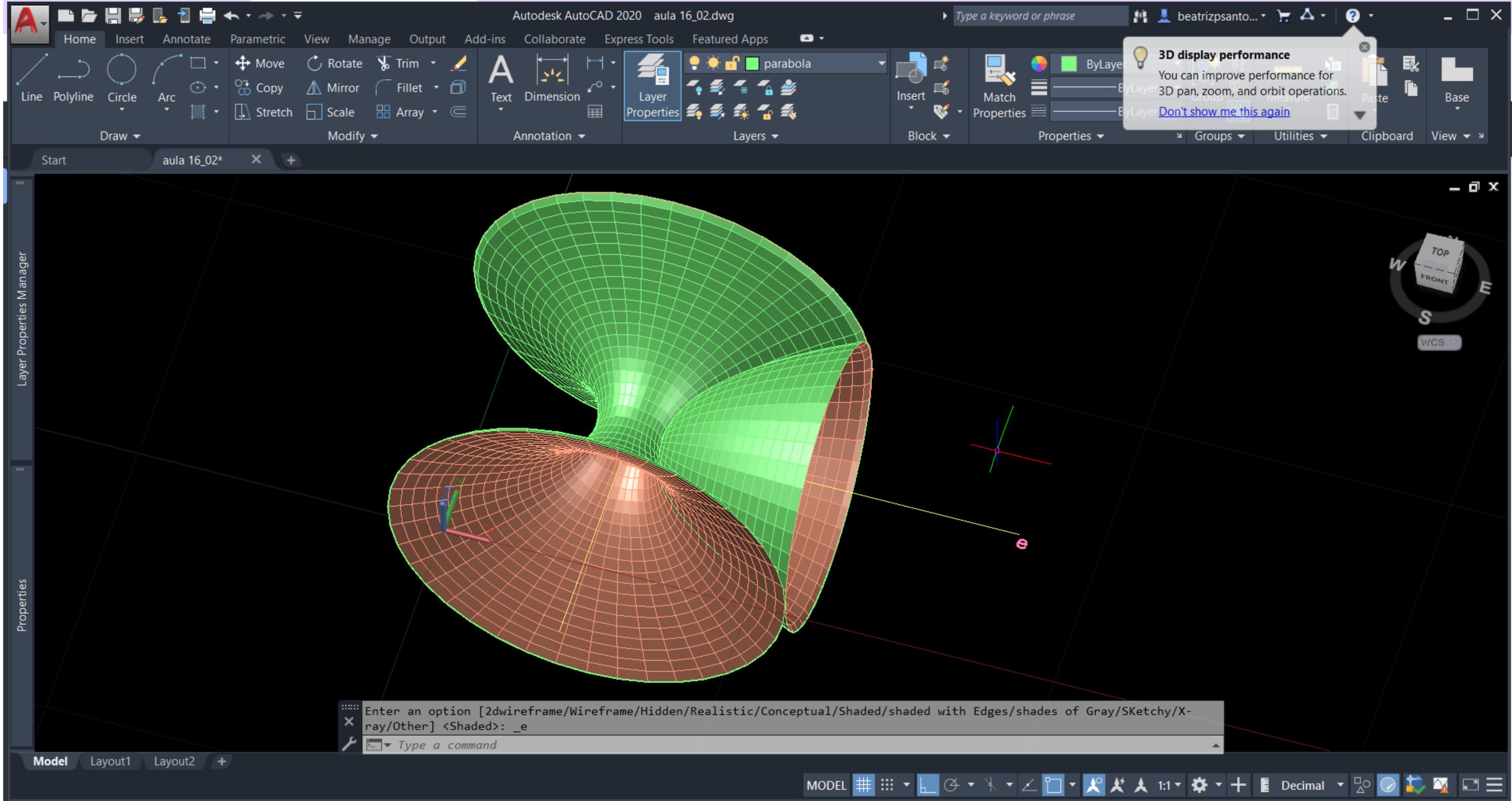
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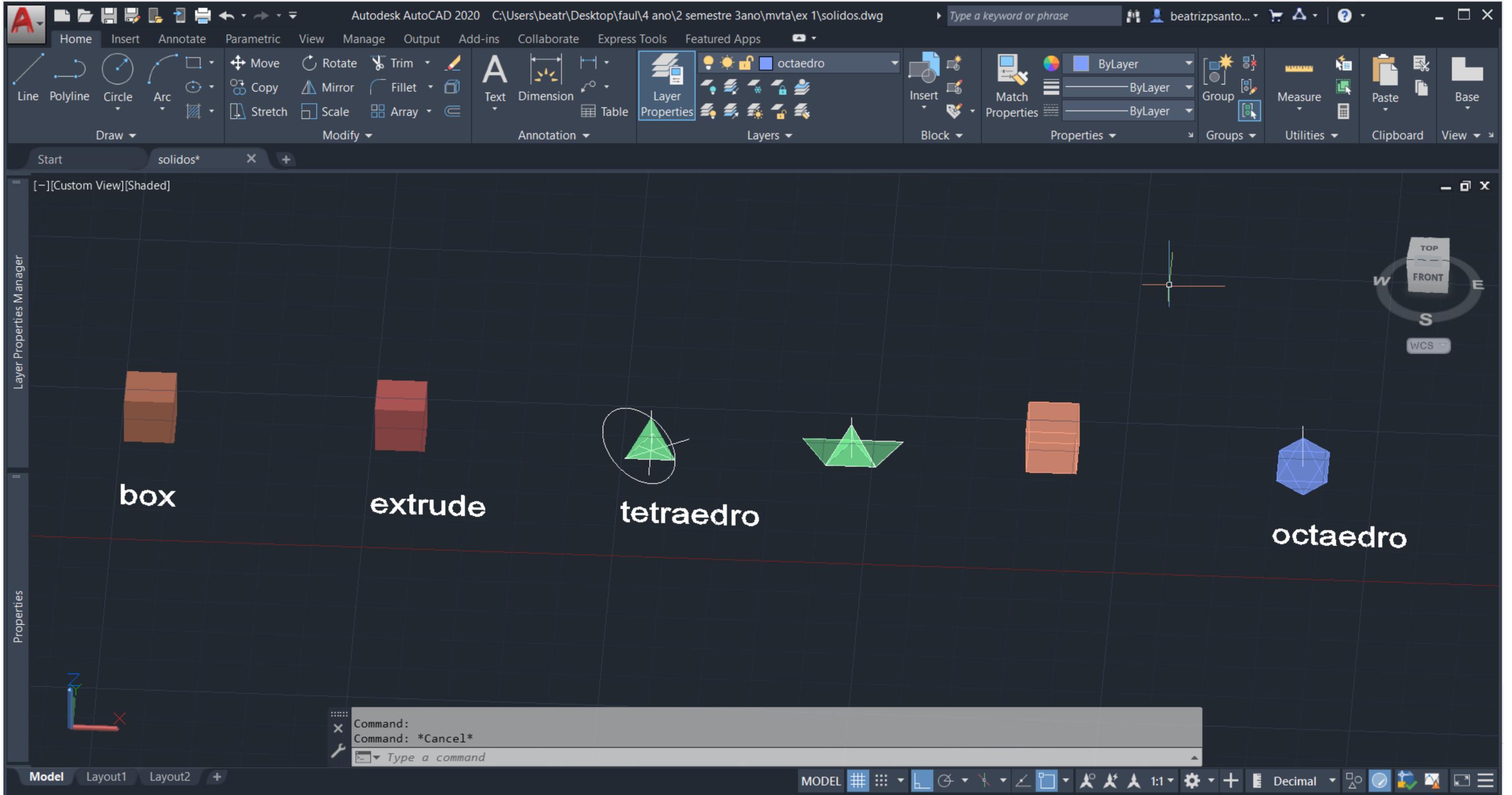
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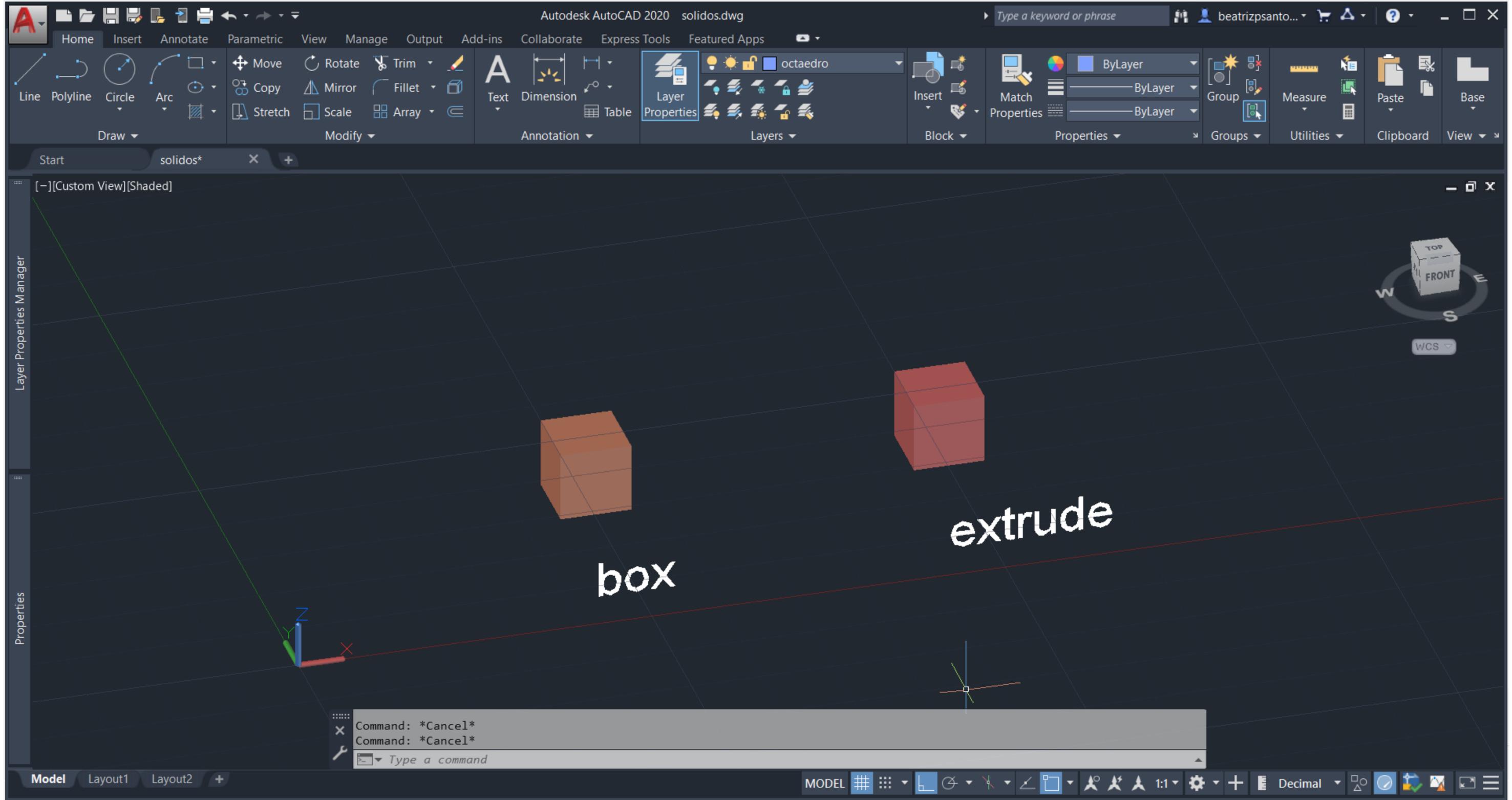
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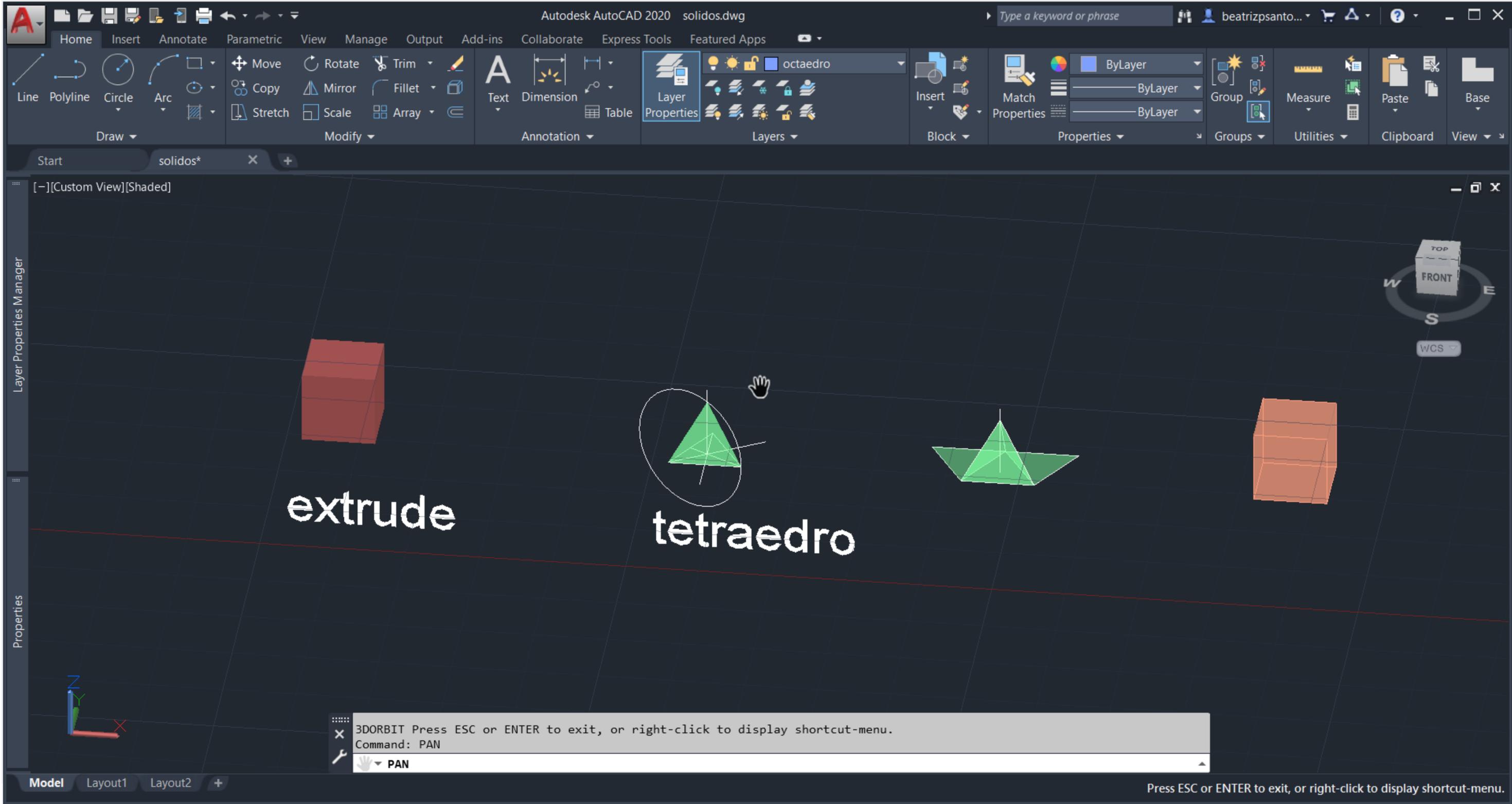
Exerc. 1.1 - Superfície Parabólica



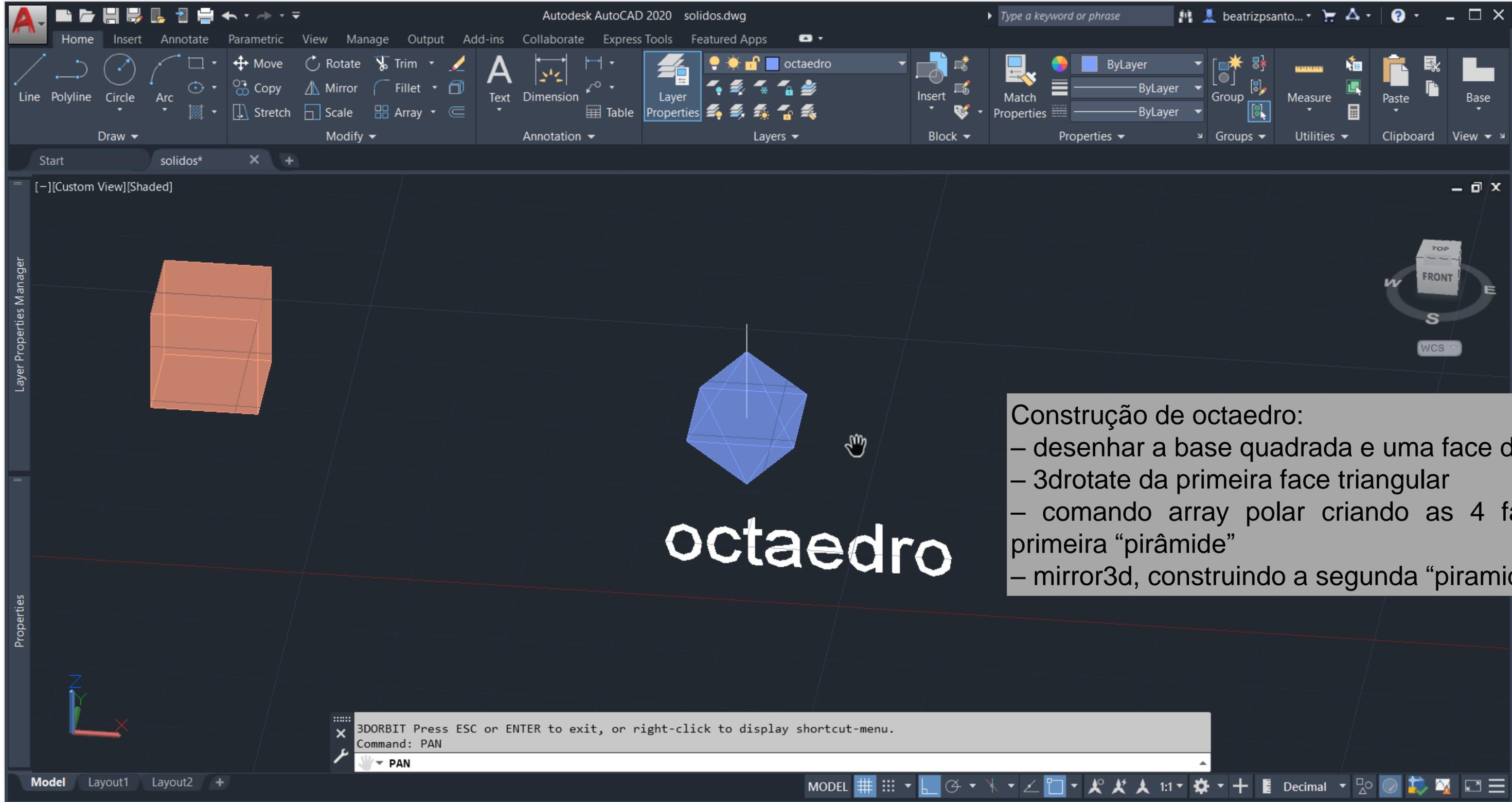
Exerc. 2 – Sólidos Tridimensionais



Exerc. 2.1 – cubo



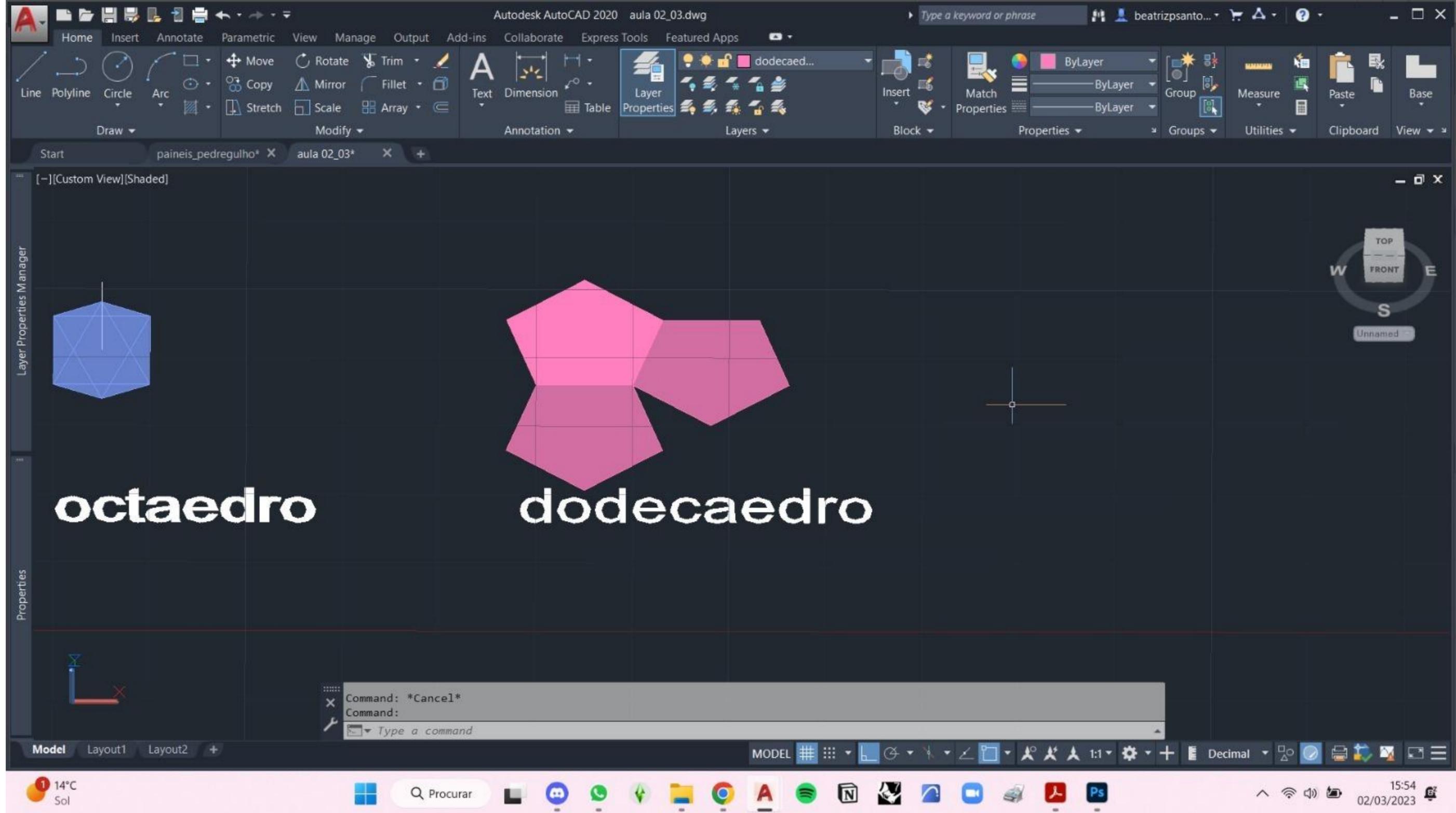
Exerc. 2.2 – tetraedro



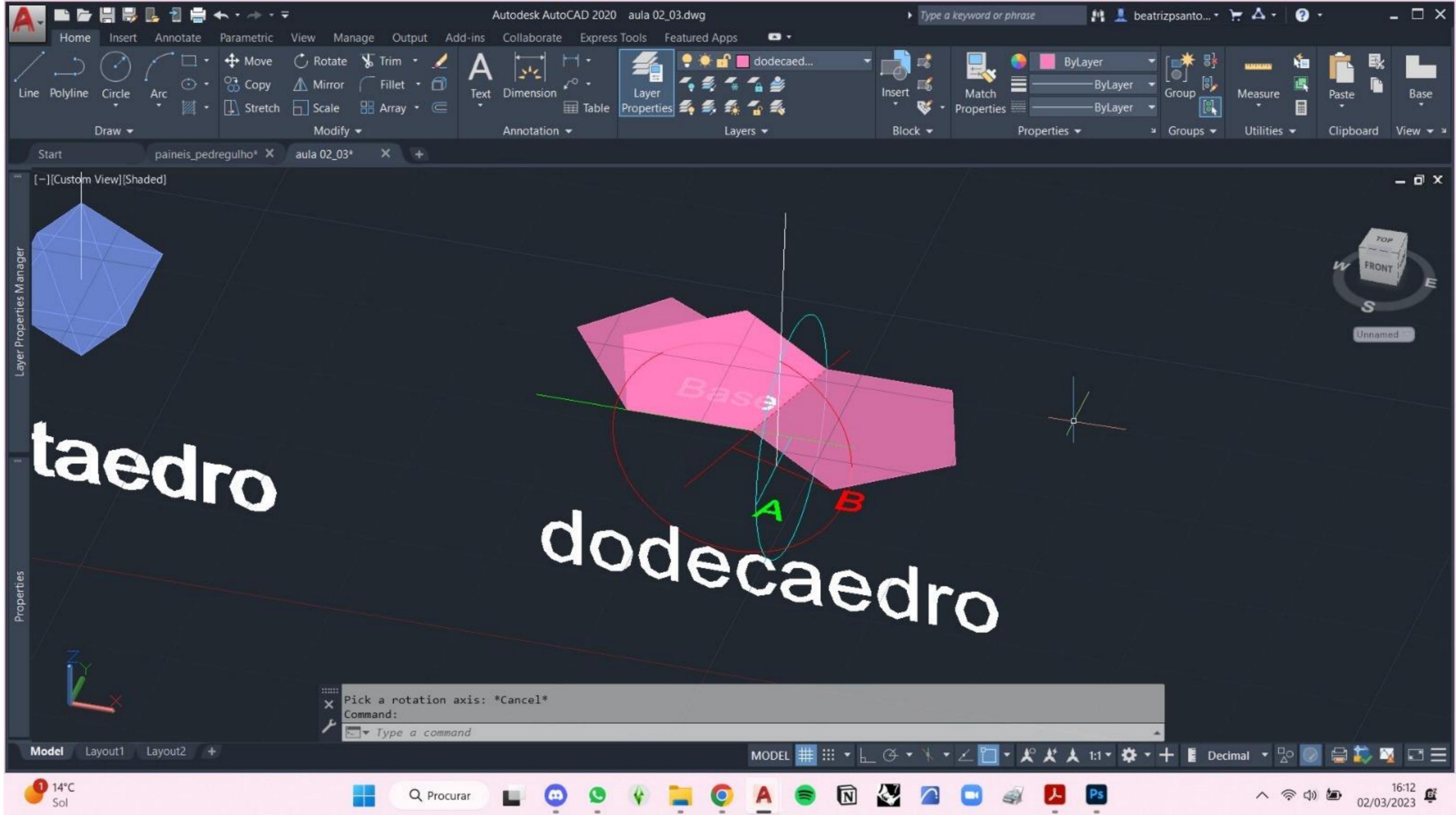
Construção de octaedro:

- desenhar a base quadrada e uma face do sólido
- 3drotate da primeira face triangular
- comando array polar criando as 4 faces da primeira "pirâmide"
- mirror3d, construindo a segunda "pirâmide"

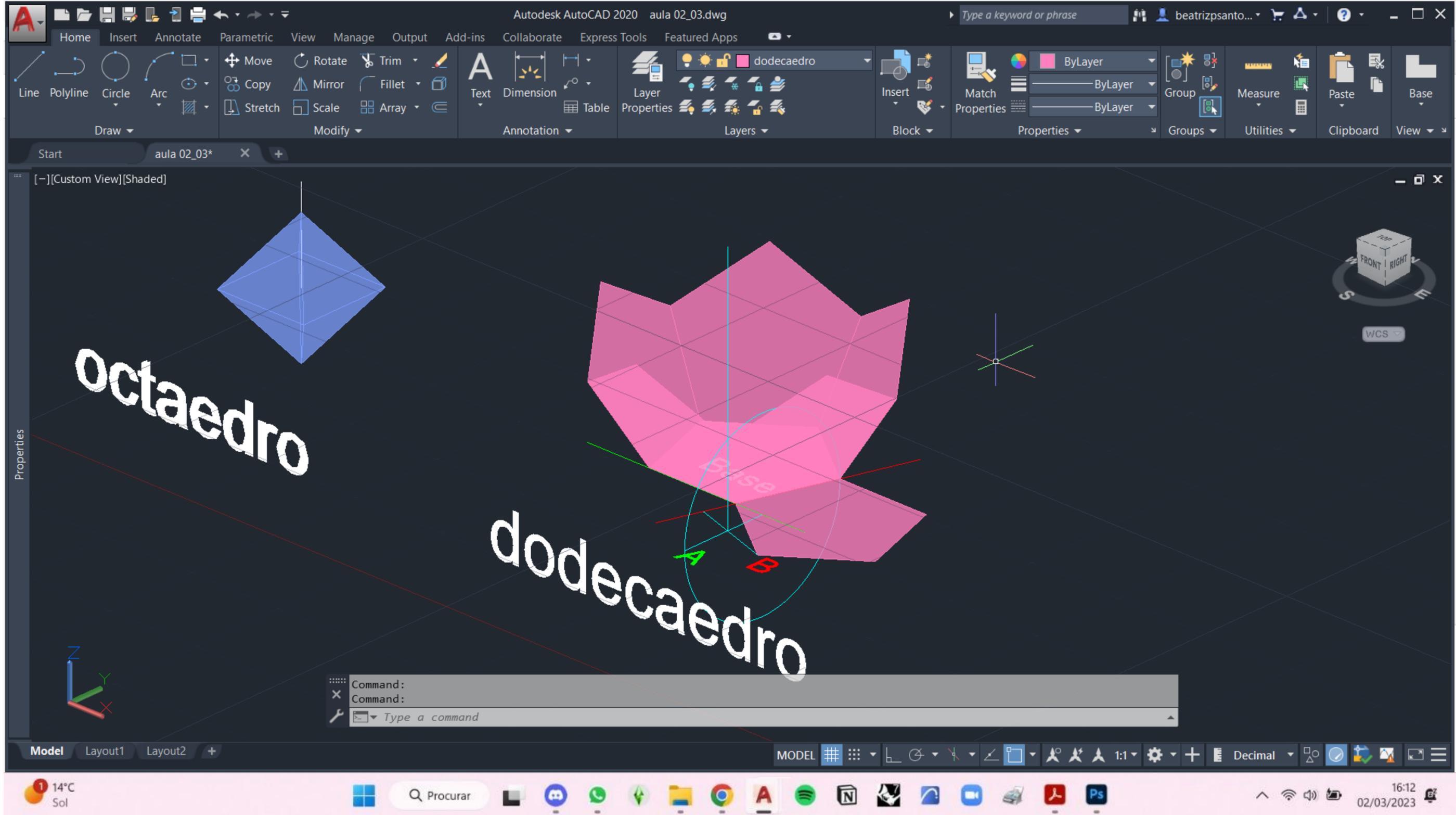
Exerc. 2.3 – octaedro



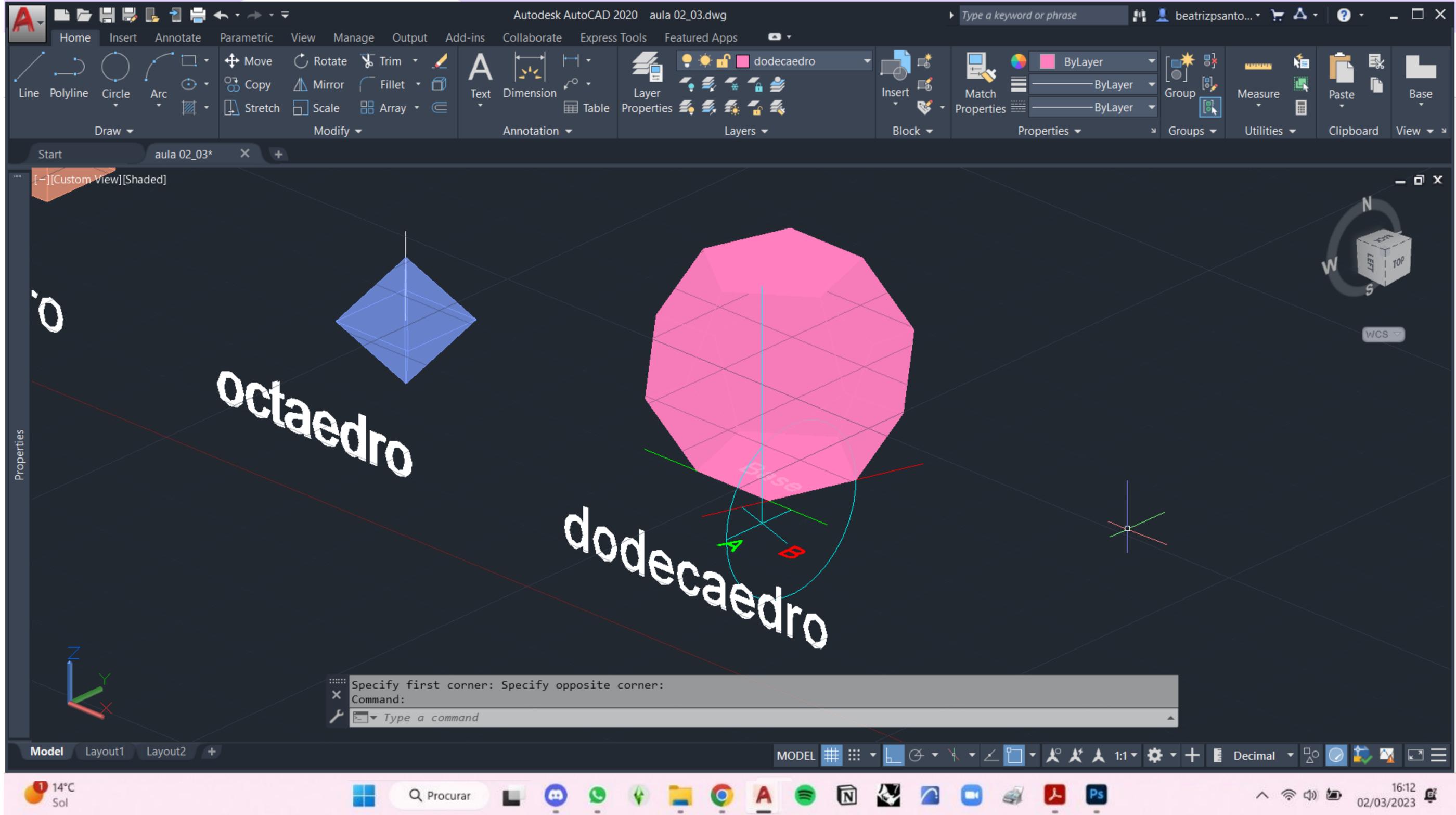
Exerc. 2.4 – dodecaedro



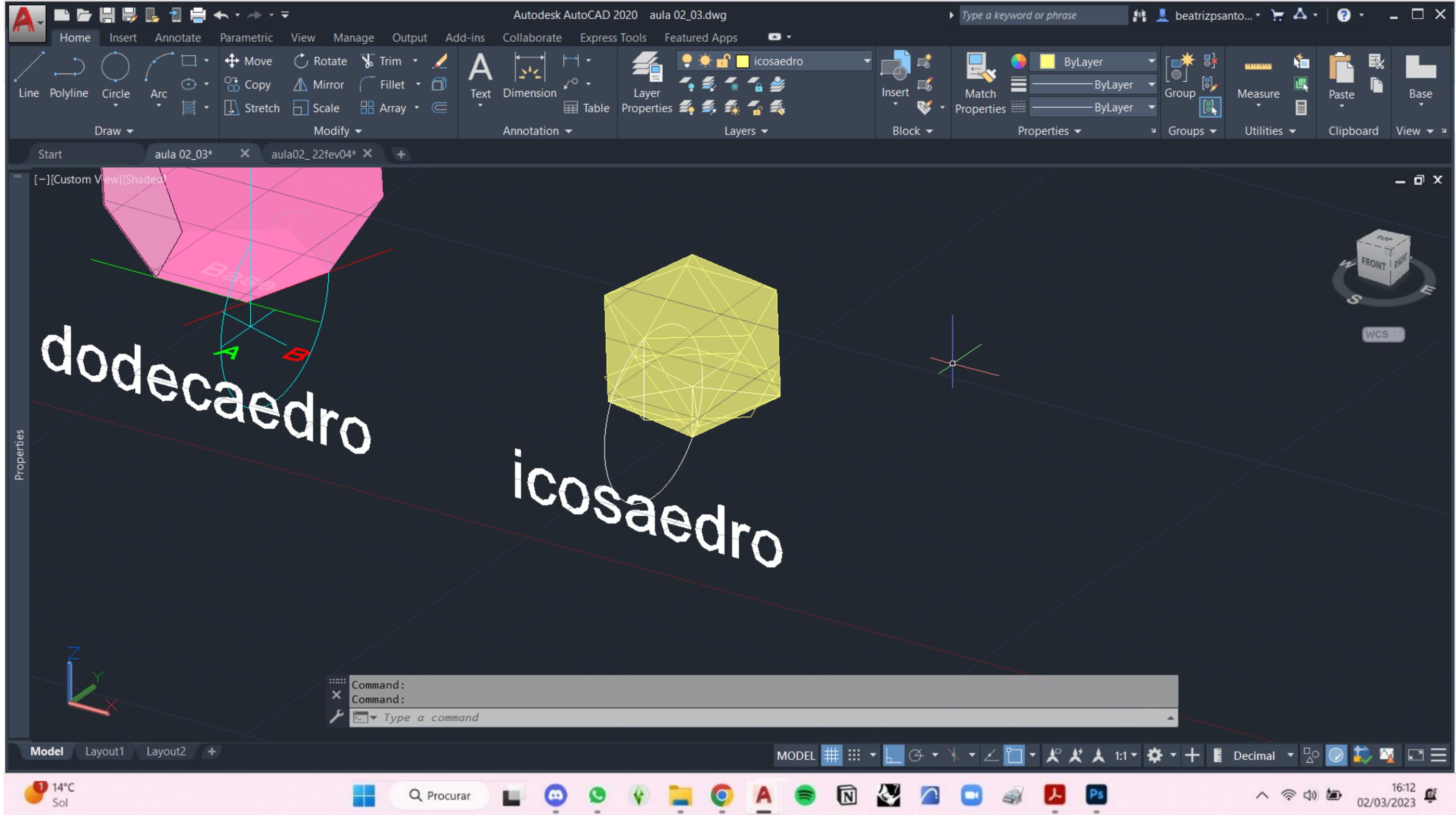
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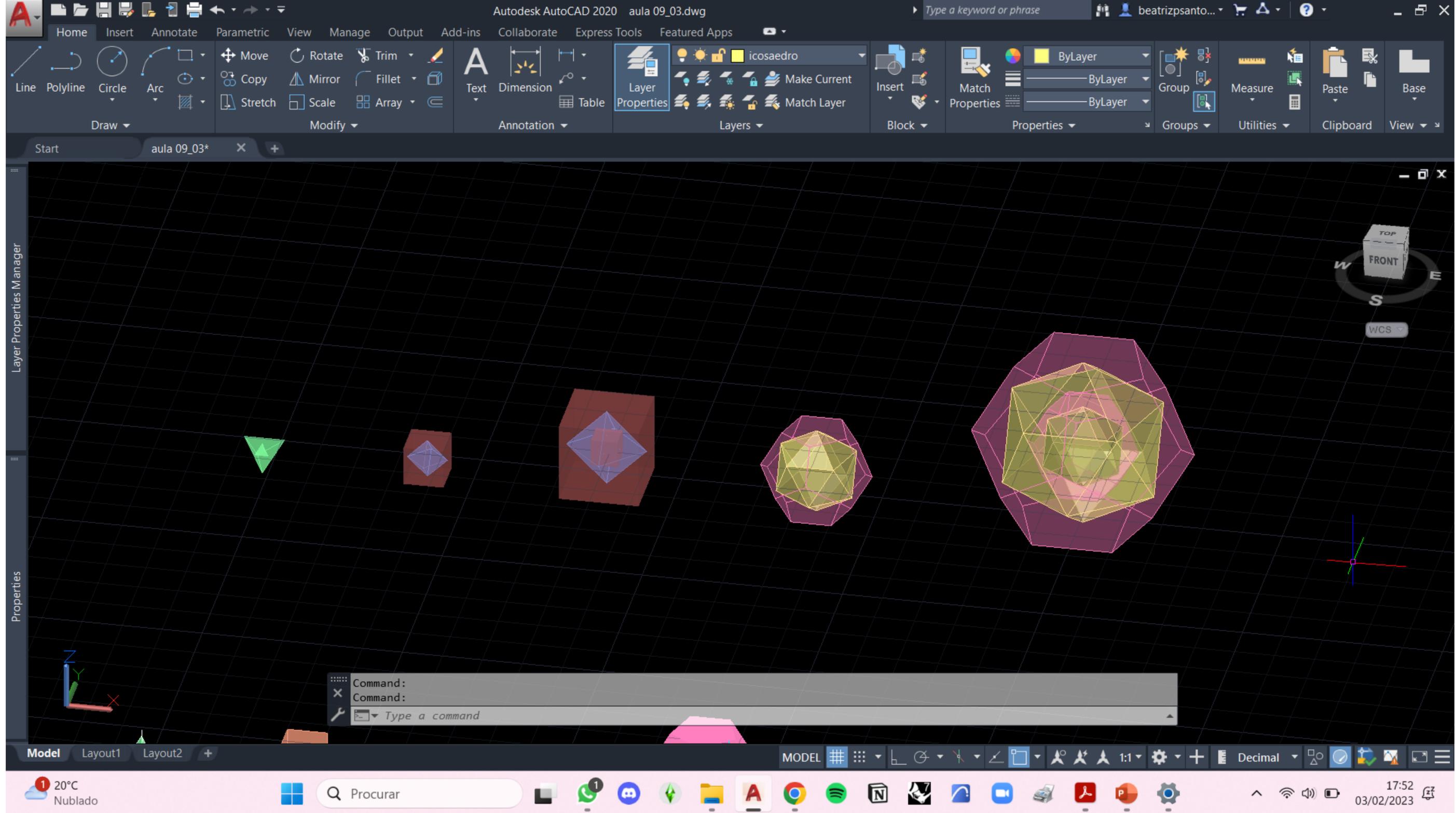
Exerc. 2.4 – dodecaedro



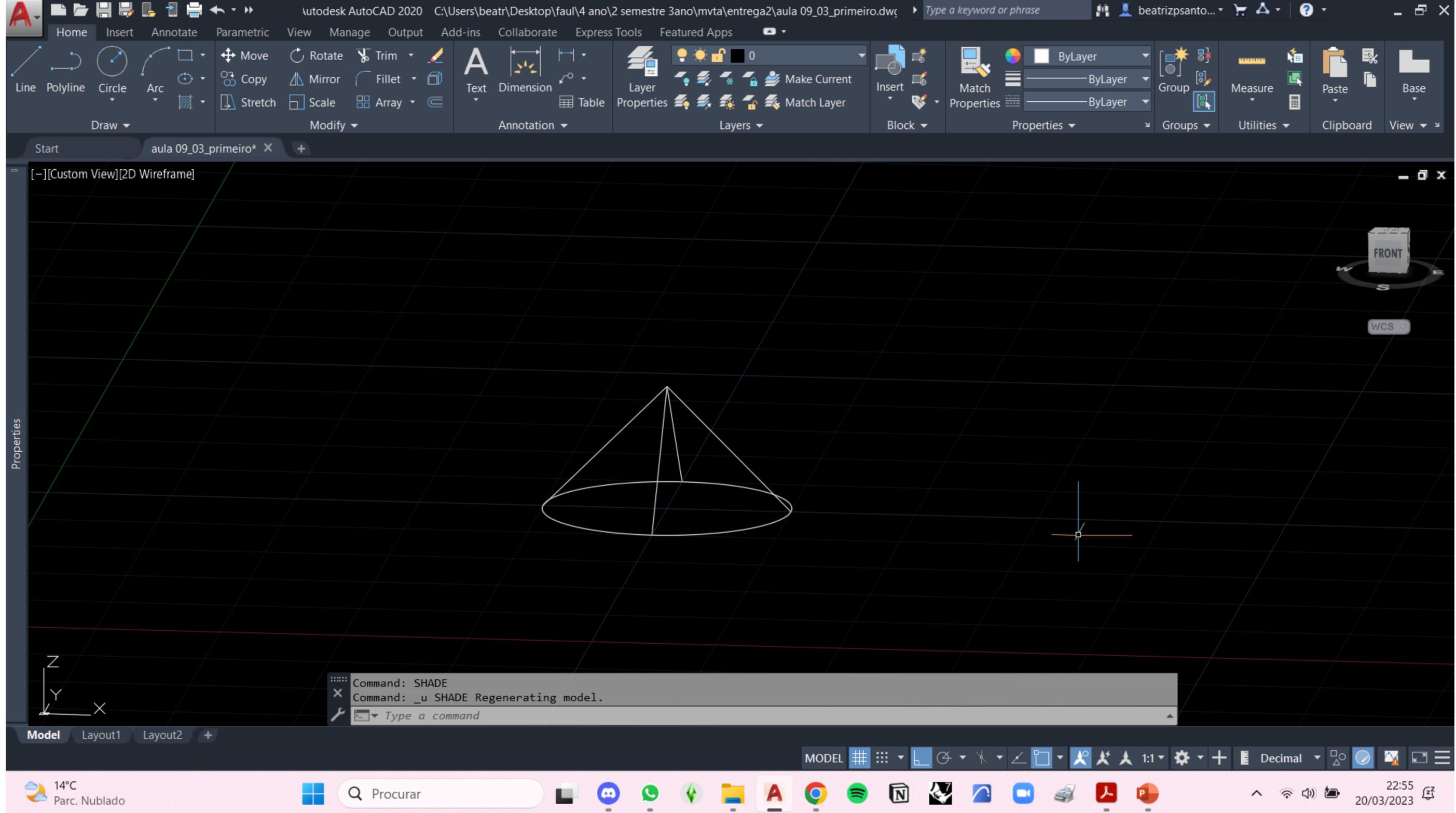
Exerc. 2.4 – dodecaedro



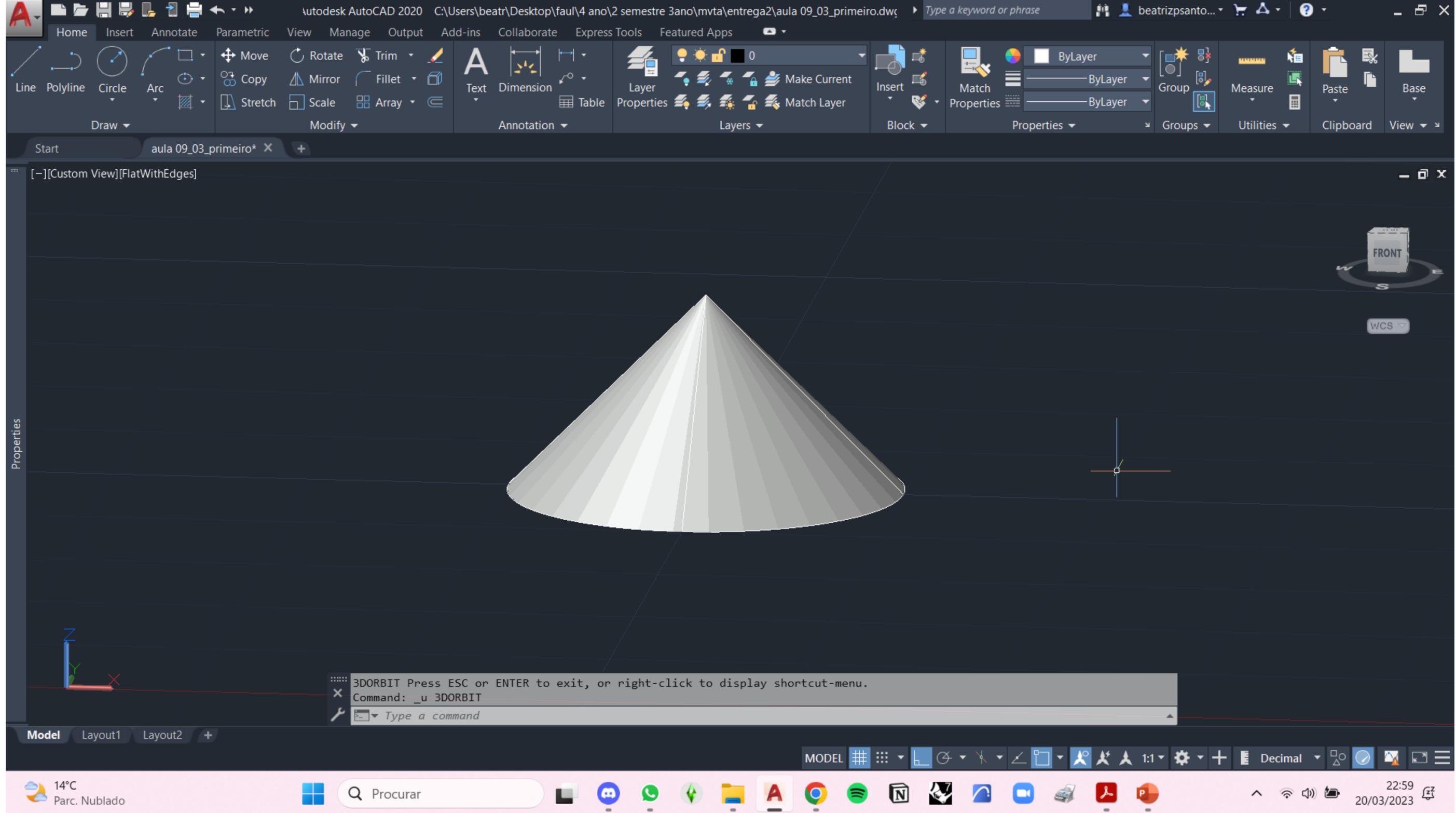
Exerc. 2.6 – dualidades



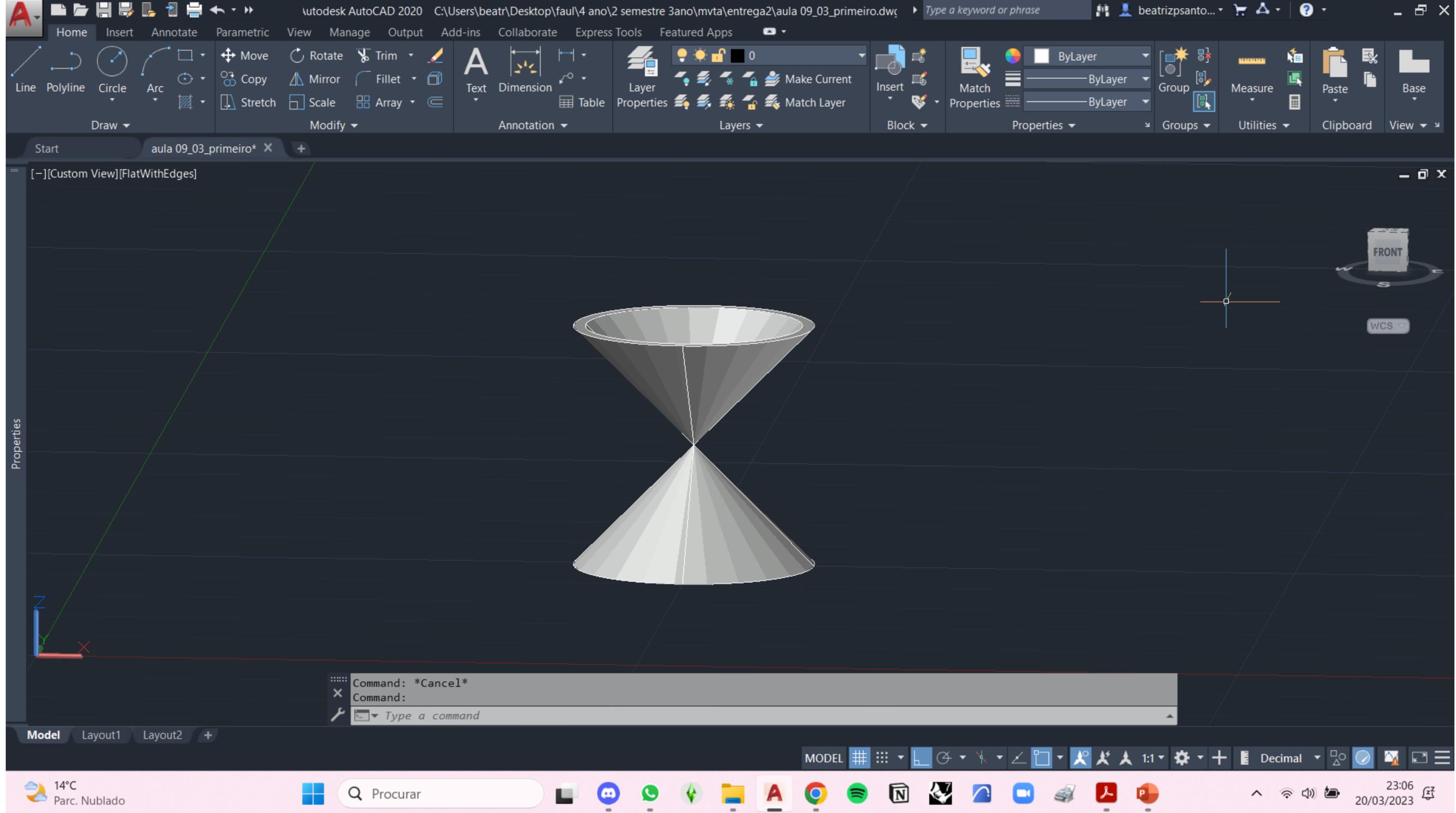
Exerc. 2.5 – icosaedro



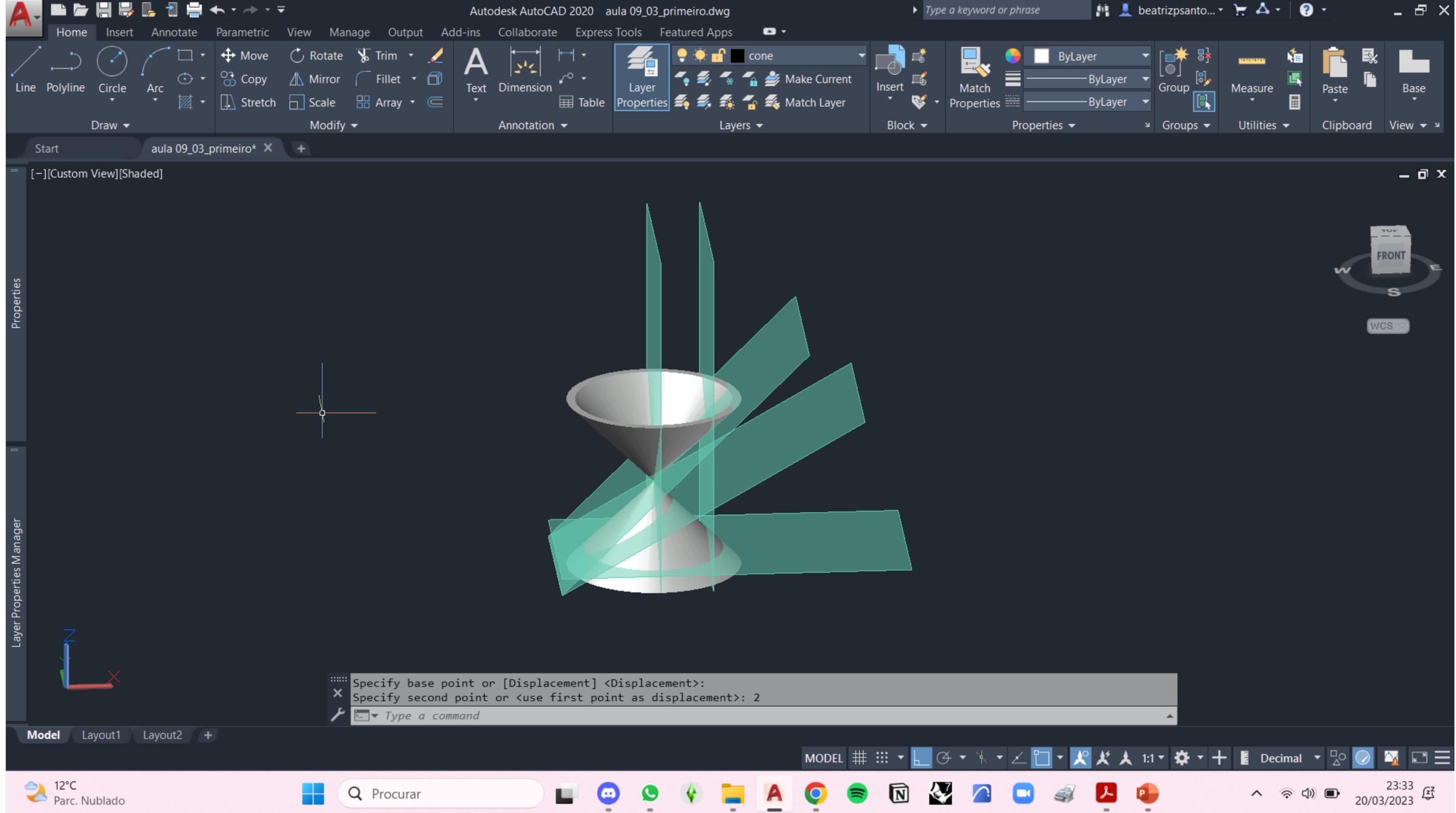
Exerc. 3 – cone: secção



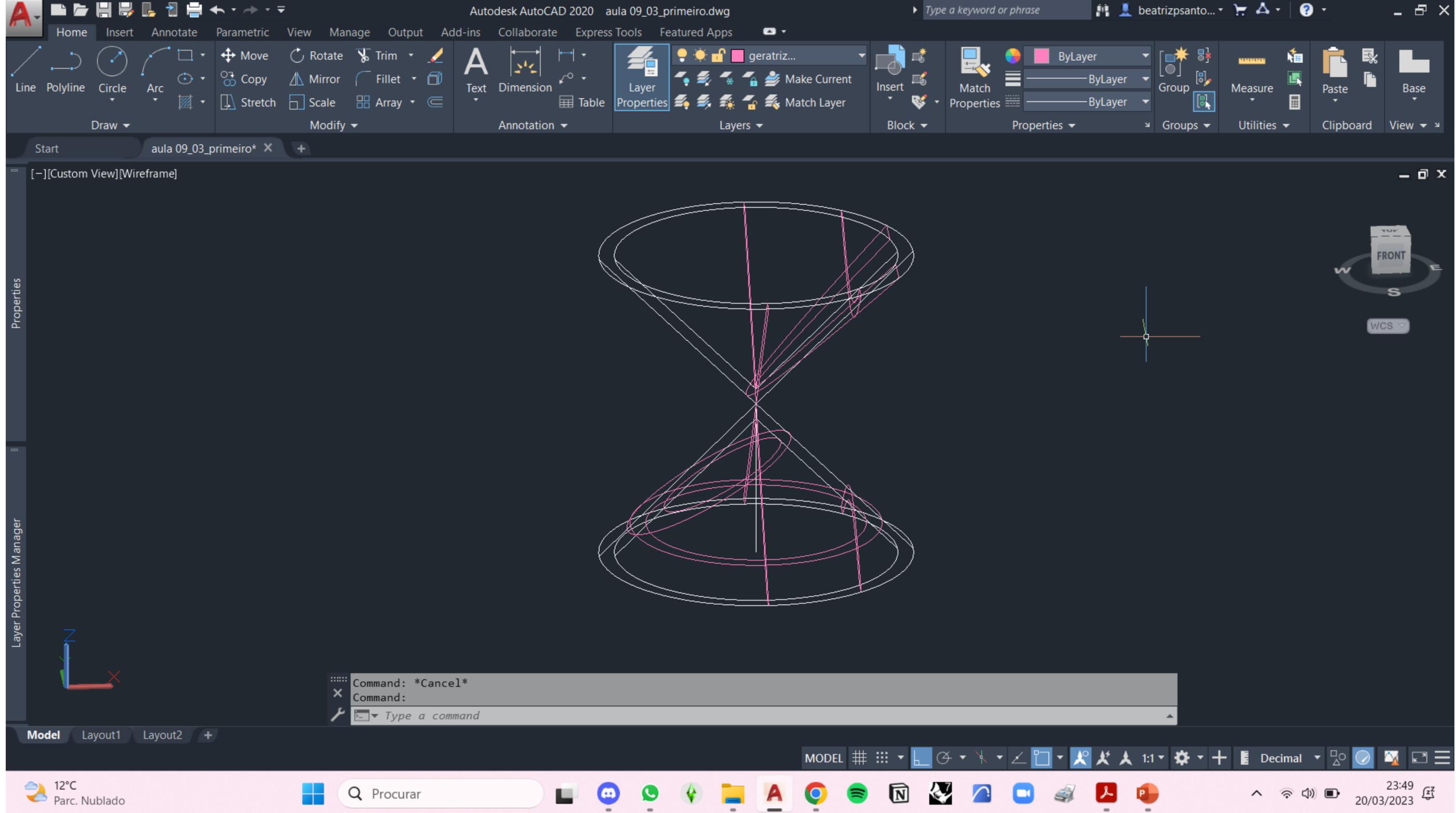
Exerc. 3 – cone: secção



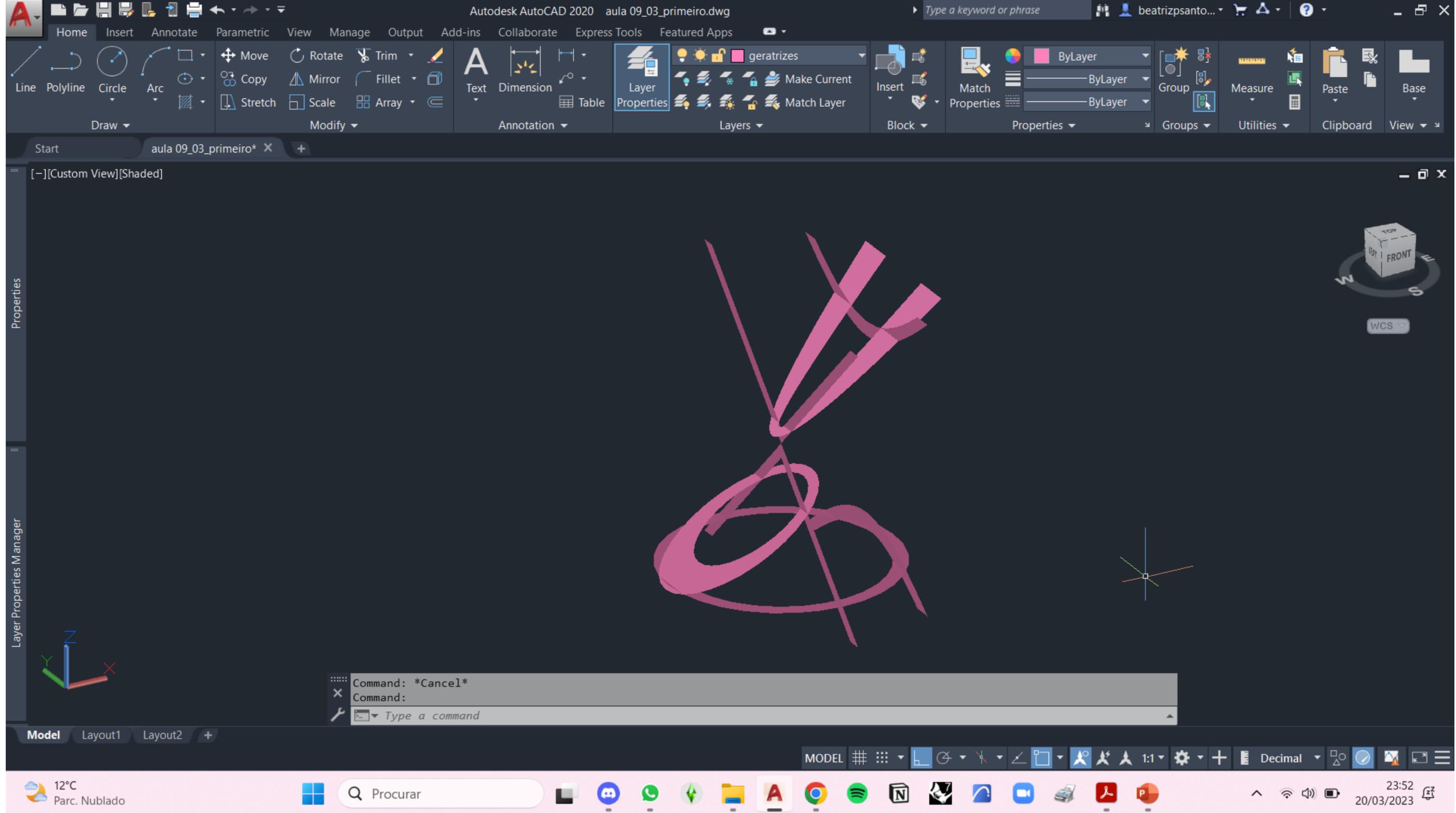
Exerc. 3 – cone: secção



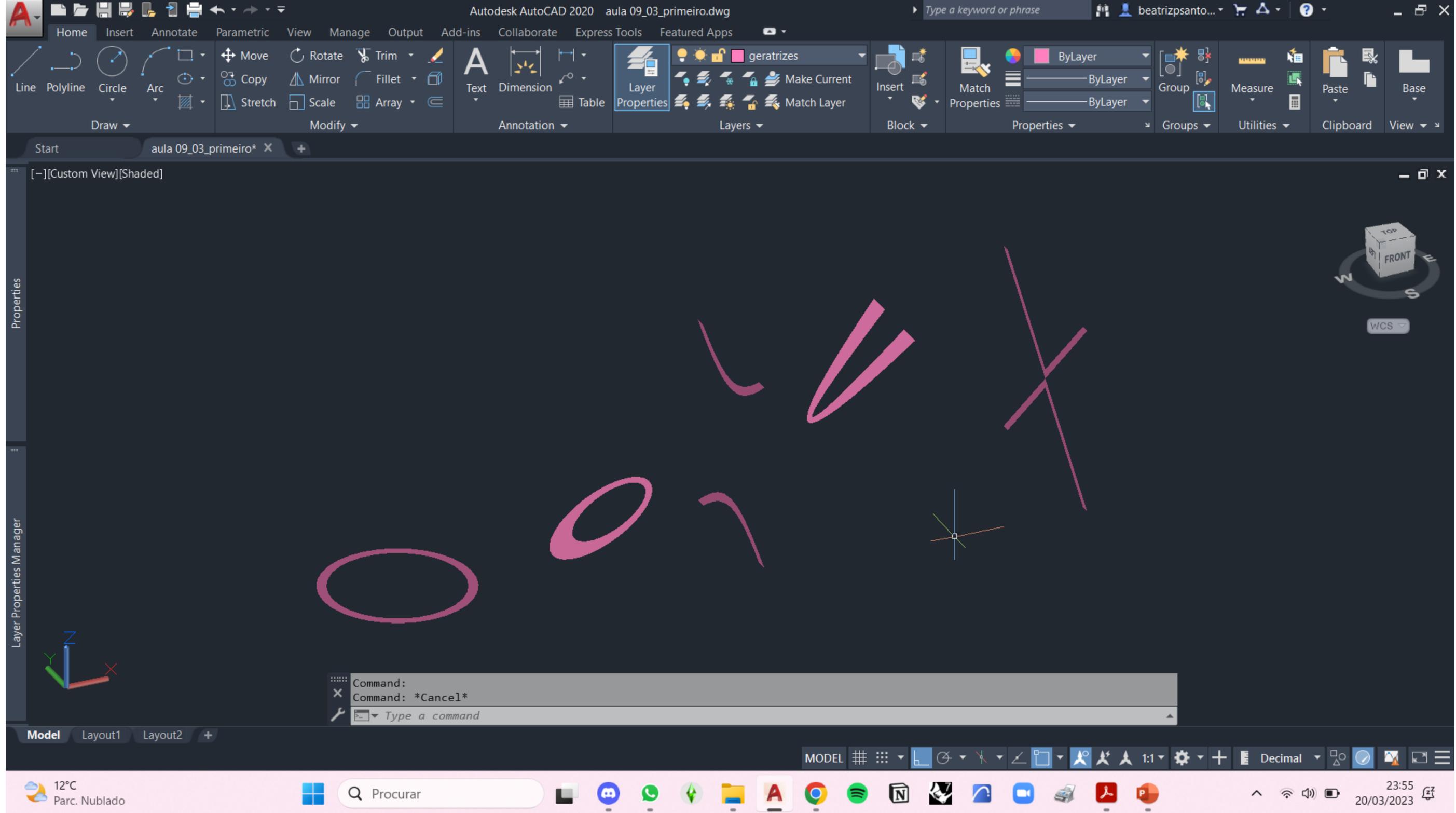
Exerc. 3 – cone: secção



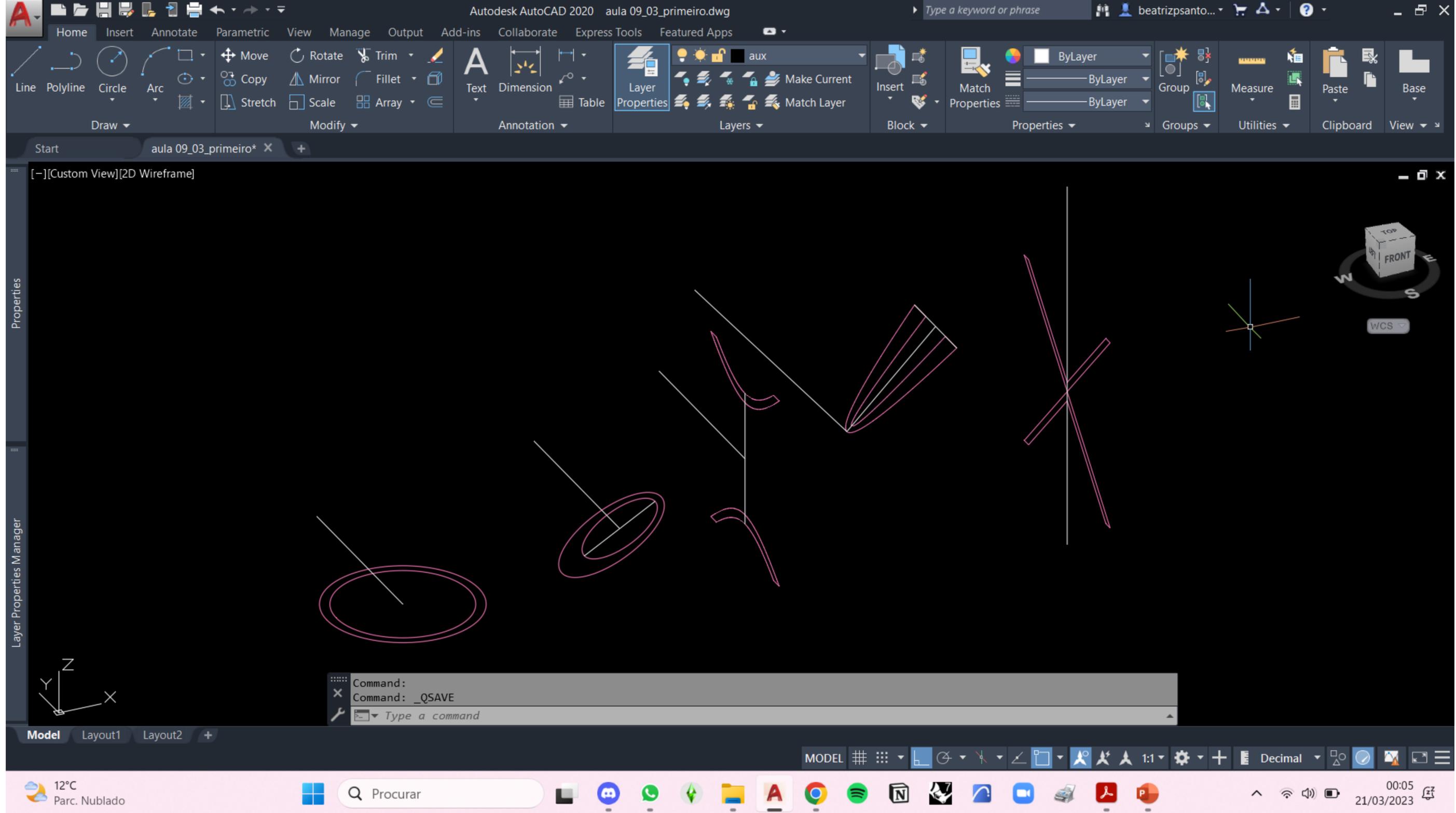
Exerc. 3 – cone: secção



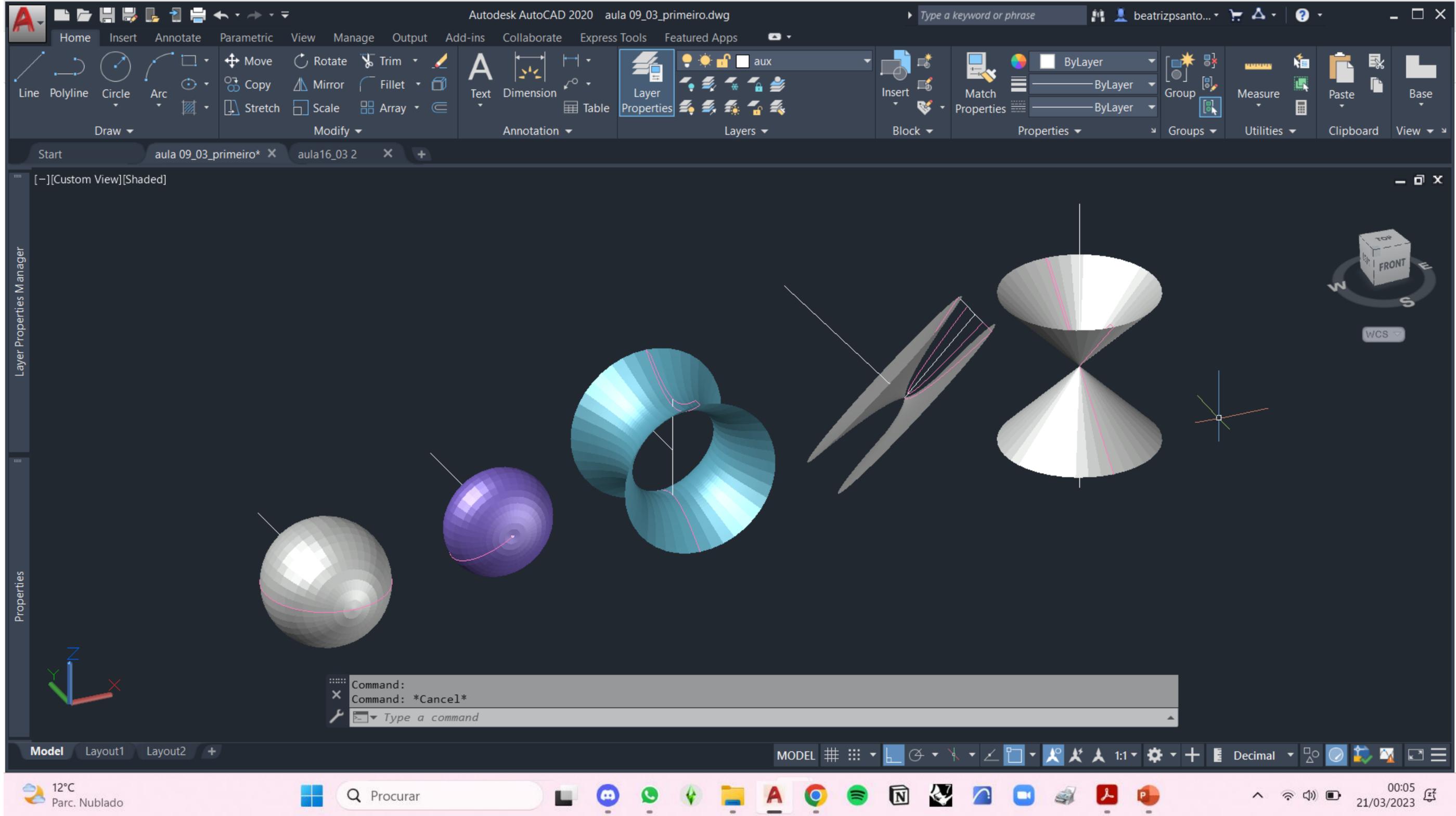
Exerc. 3 – cone: secção



Exerc. 3 – cone: secção



Exerc. 3.1 – superfícies de revolução



Exerc. 3.1 – superfícies de revolução