

Modelação Geométrica e Generativa



UNIVERSIDADE
DE LISBOA



Mestrado Integrado em Arquitectura
Ano Lectivo 2022-2023 1º Semestre
Docente - Nuno Alão
4º Ano

20181338

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DE LISBOA



MGeG



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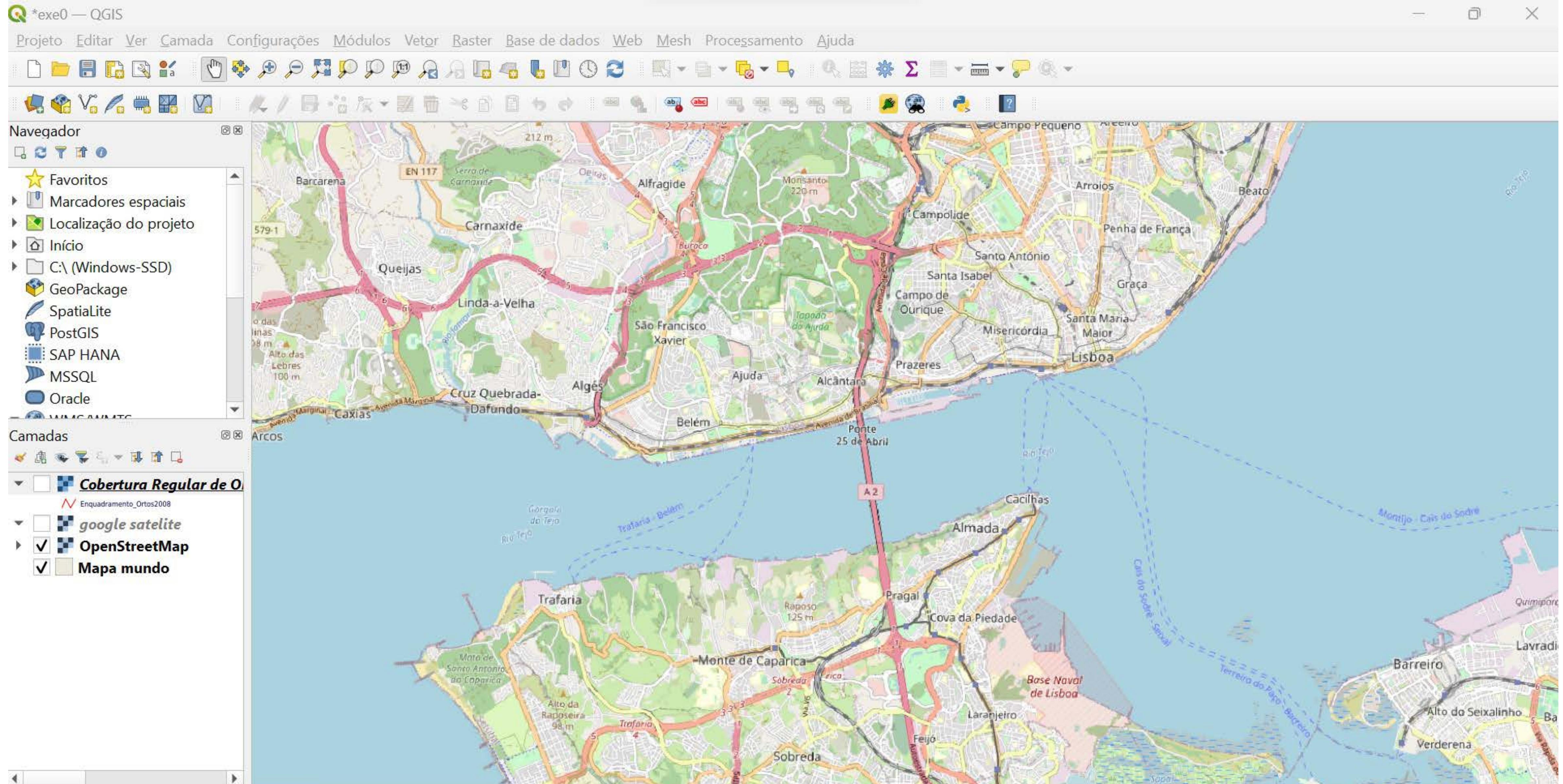
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Exerc. 1.1 – QGIS



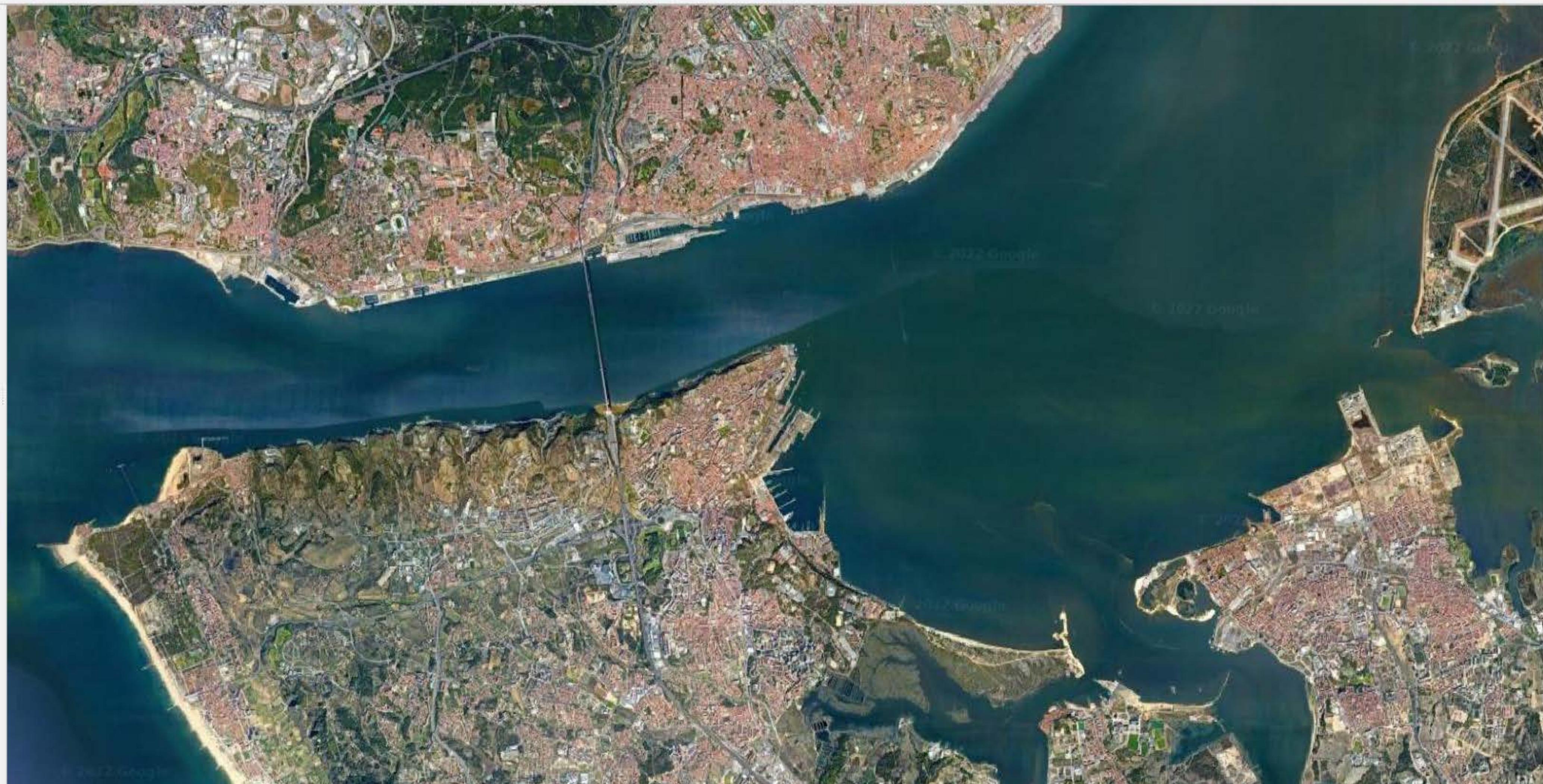
Navegador



- ★ Favoritos
- ▶ Marcadores espaciais
- ▶ Localização do projeto
- ▶ Início
- ▶ C:\ (Windows-SSD)
- GeoPackage
- Spatialite
- PostGIS
- SAP HANA
- MSSQL
- Oracle
- WMS/WMTS
 - ▶ SNIG literal 2014
 - Vector Tiles
 - XYZ Tiles

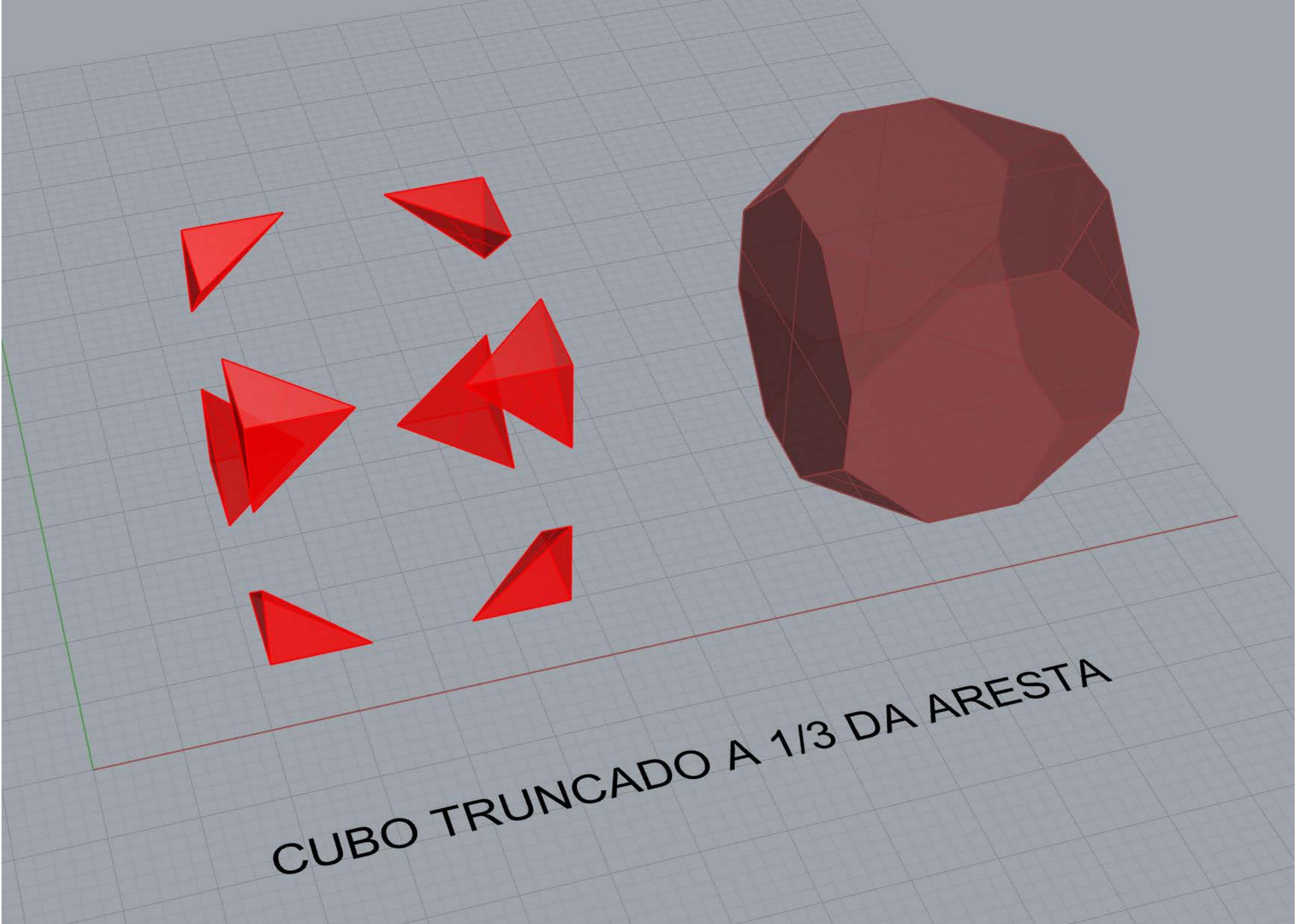
Camadas

- Cobertura Regular de O...
- Enquadramento_Ortos2008
- google satelite
- OpenStreetMap
- Mapa mundo



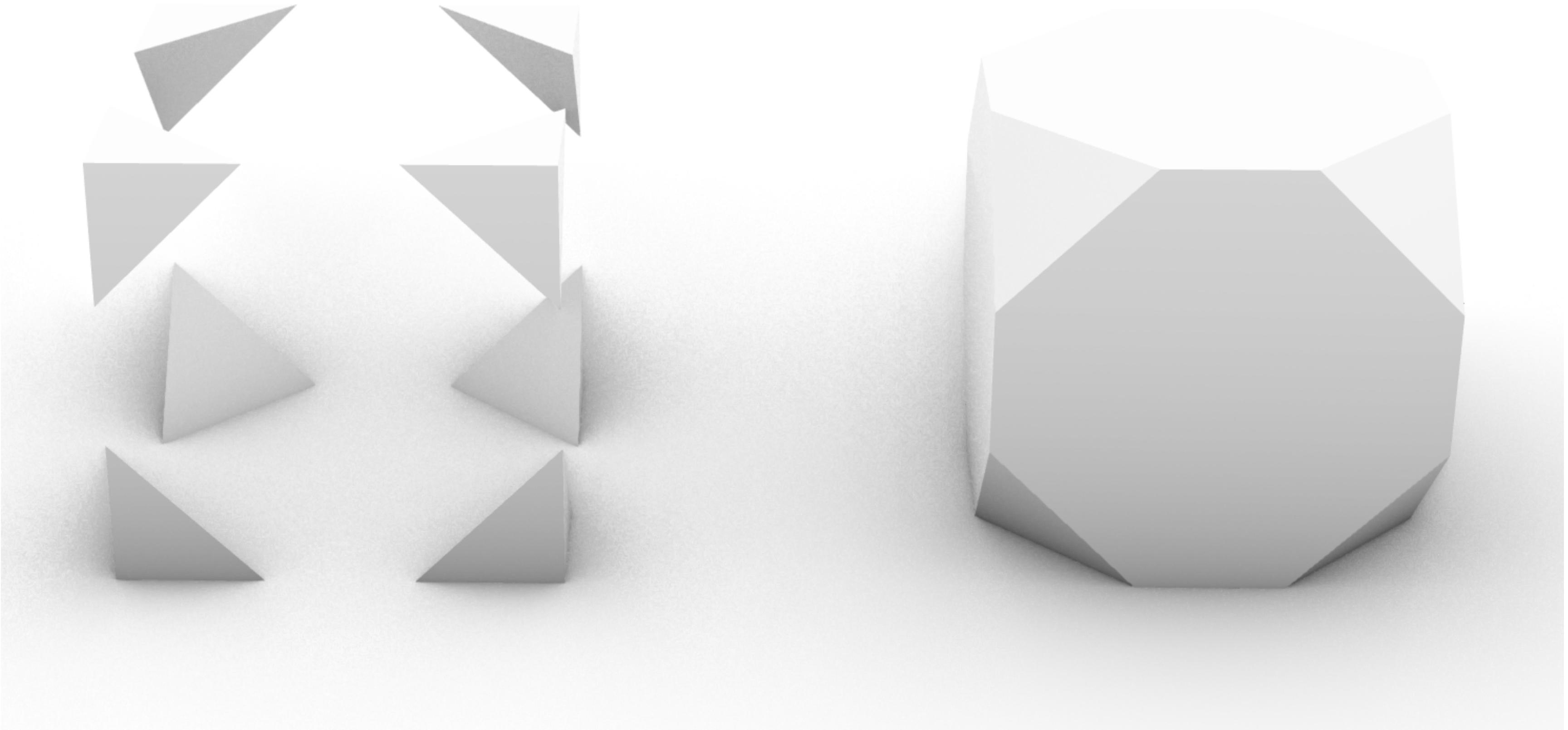
Exerc. 1.1 – QGIS

Exerc. 2.1 – Poliedros

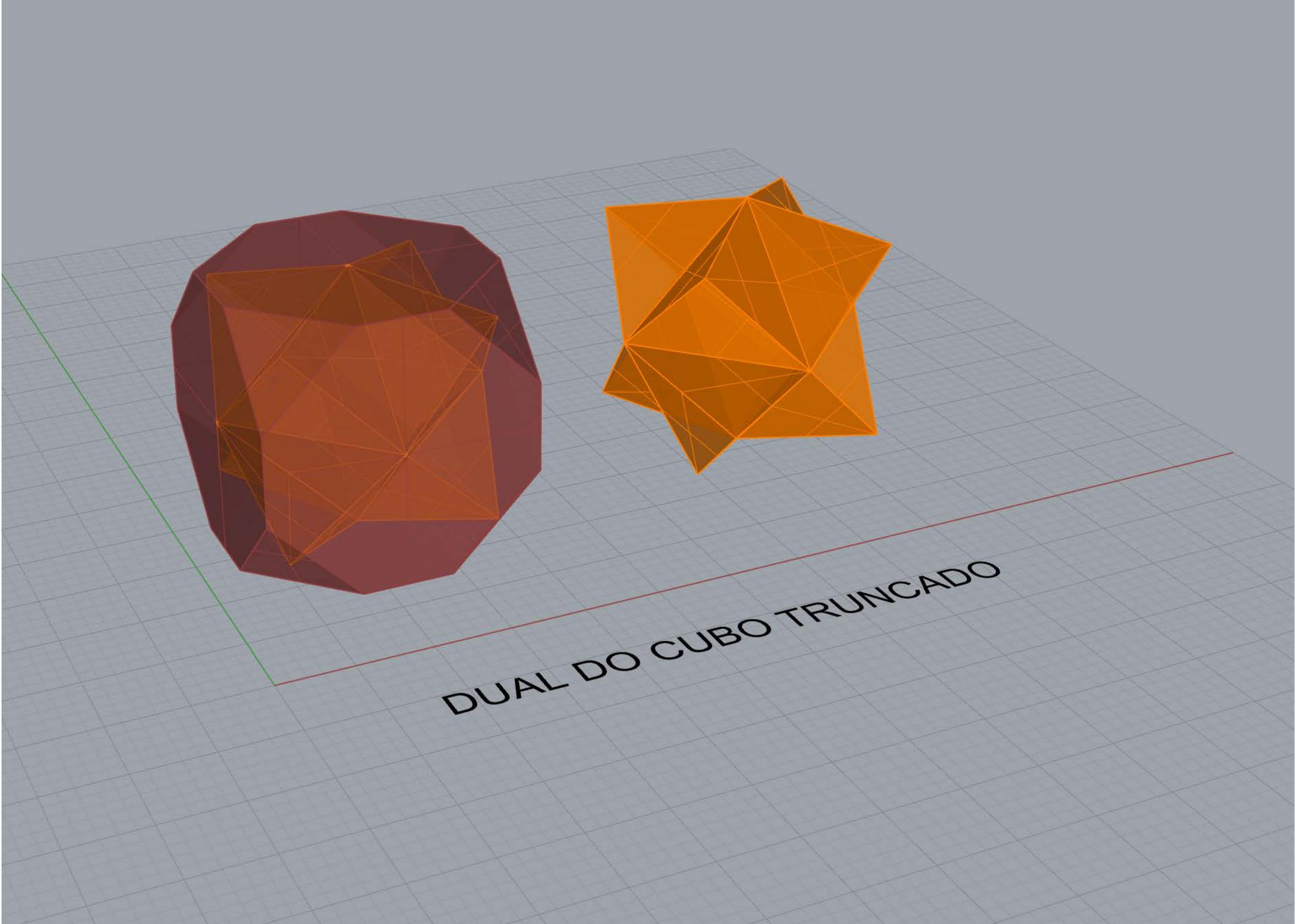


CUBO TRUNCADO A $\frac{1}{3}$ DA ARESTA

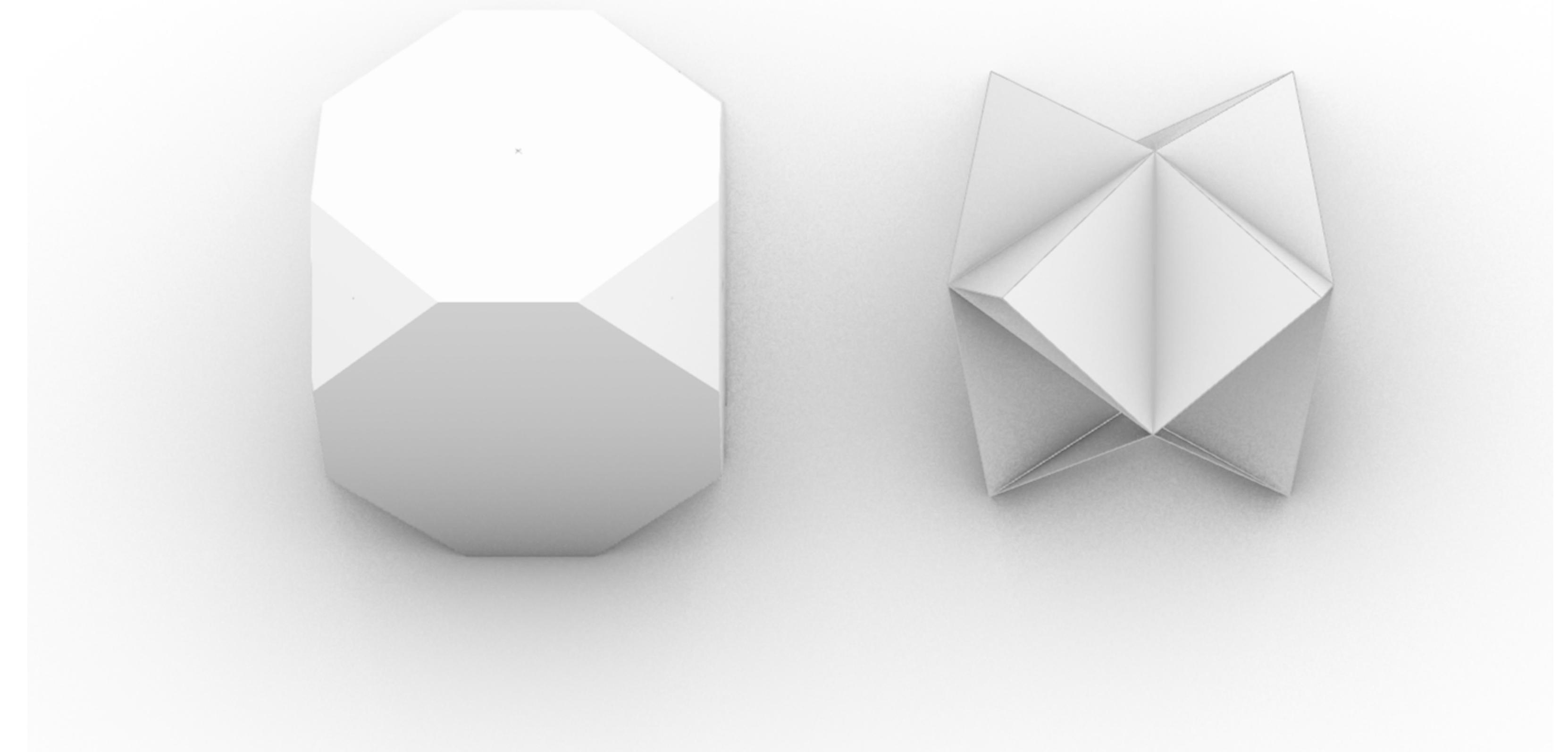
Exerc. 2.1.1 – Cubo Truncado a $\frac{1}{3}$ da aresta



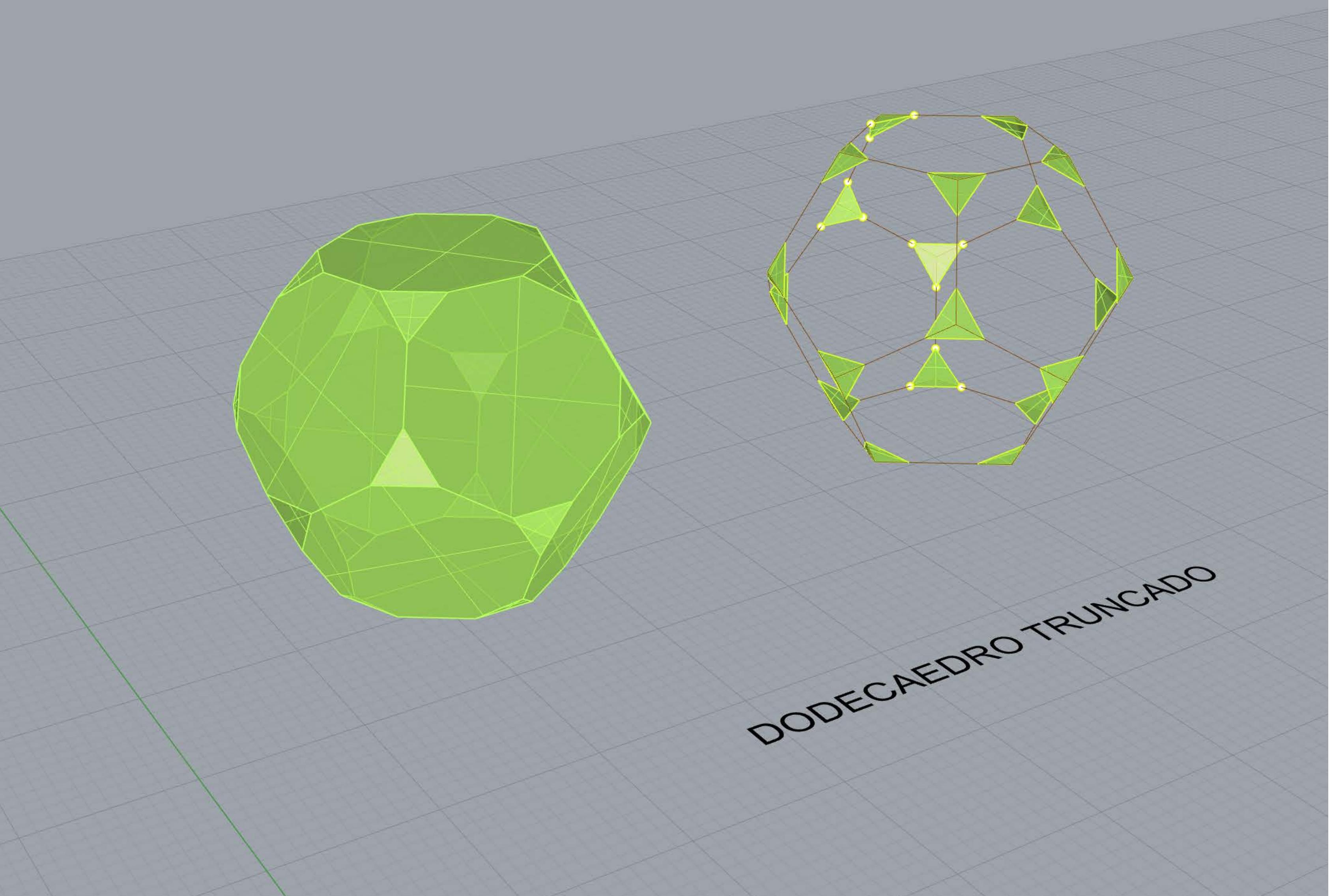
Exerc. 2.1.1 – Cubo Truncado a $1/3$ da aresta



Exerc. 2.1.2 – Dual do Cubo Truncado

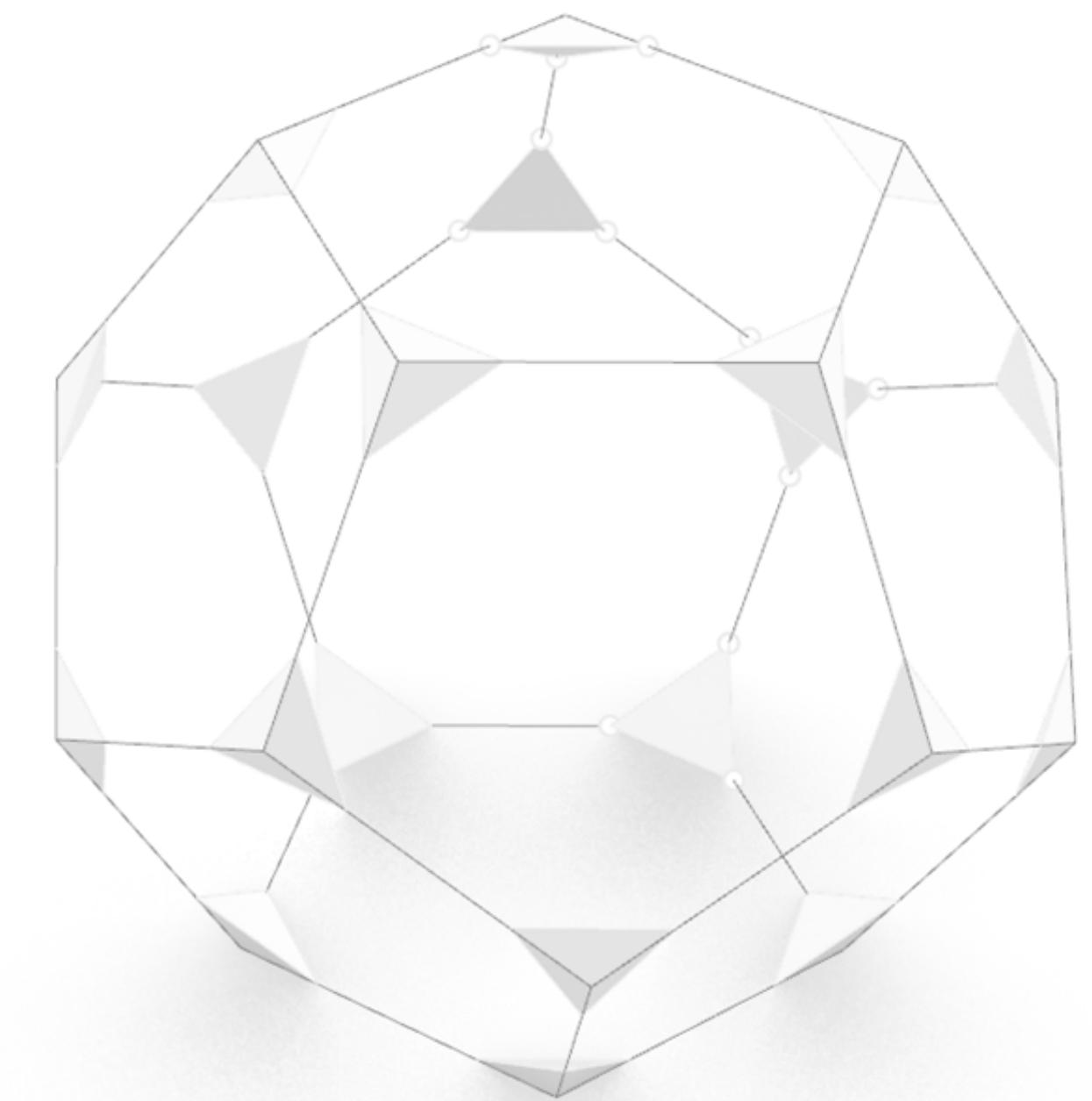


Exerc. 2.1.2 – Dual do Cubo Truncado

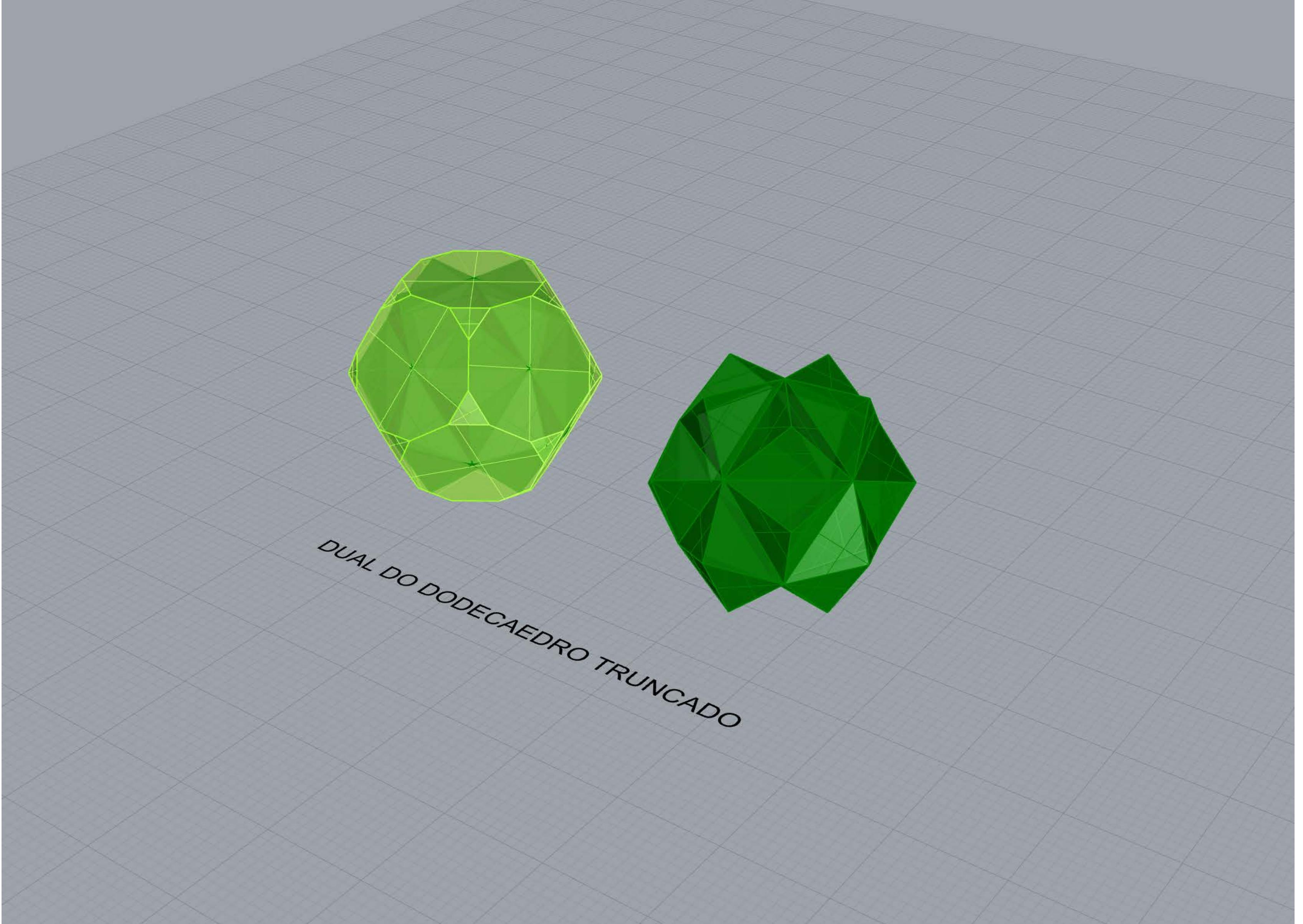


DODECAEDRO TRUNCADO

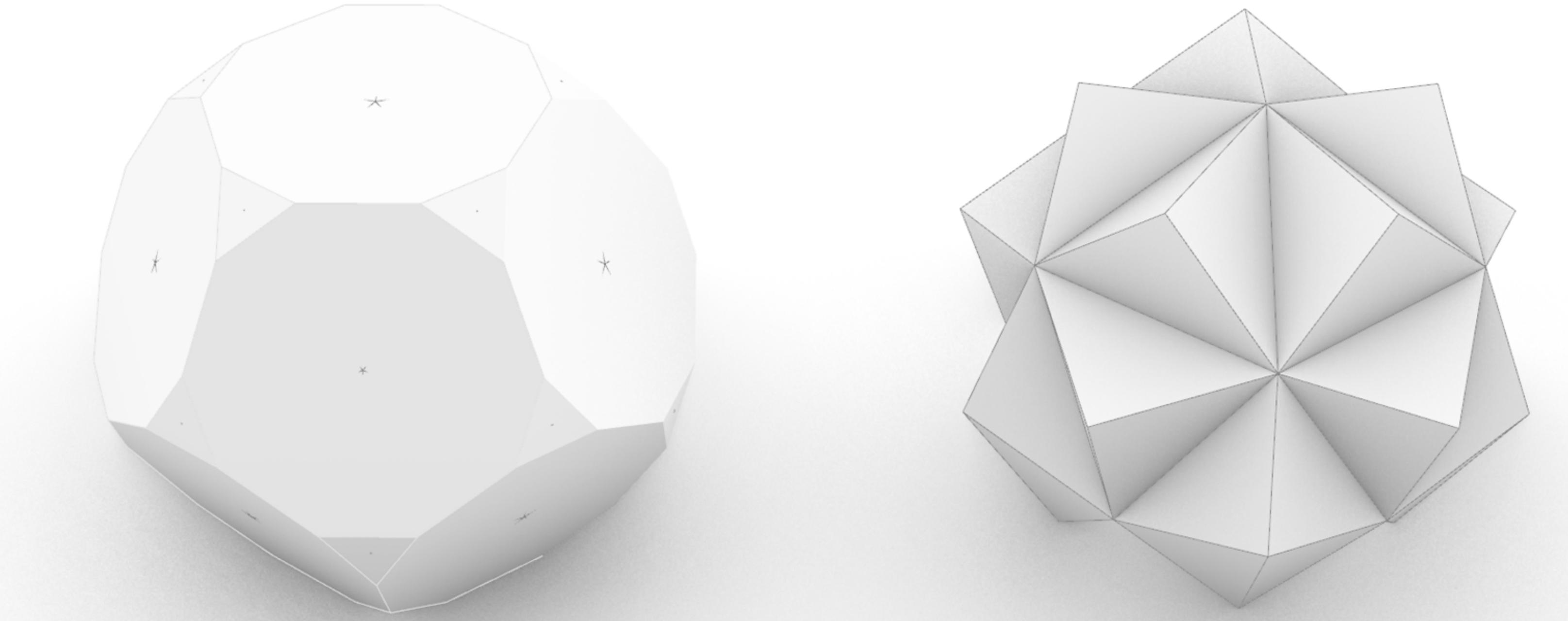
Exerc. 2.1.3 – Dodecaedro Truncado a $\frac{1}{4}$ da Aresta



Exerc. 2.1.3 – Dodecaedro Truncado a $\frac{1}{4}$ da Aresta



Exerc. 2.1.4 – Dual do Dodecaedro Truncado

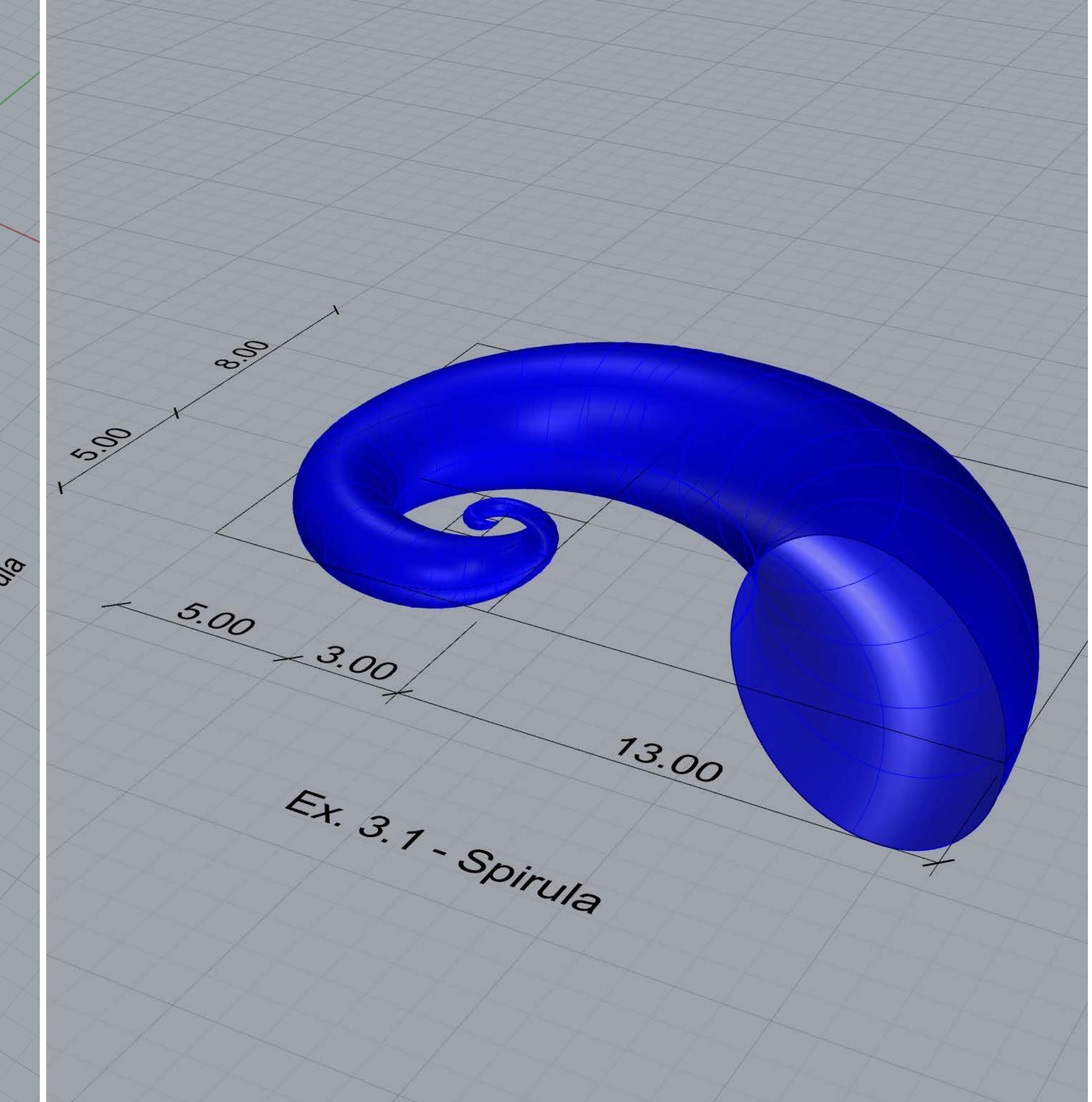
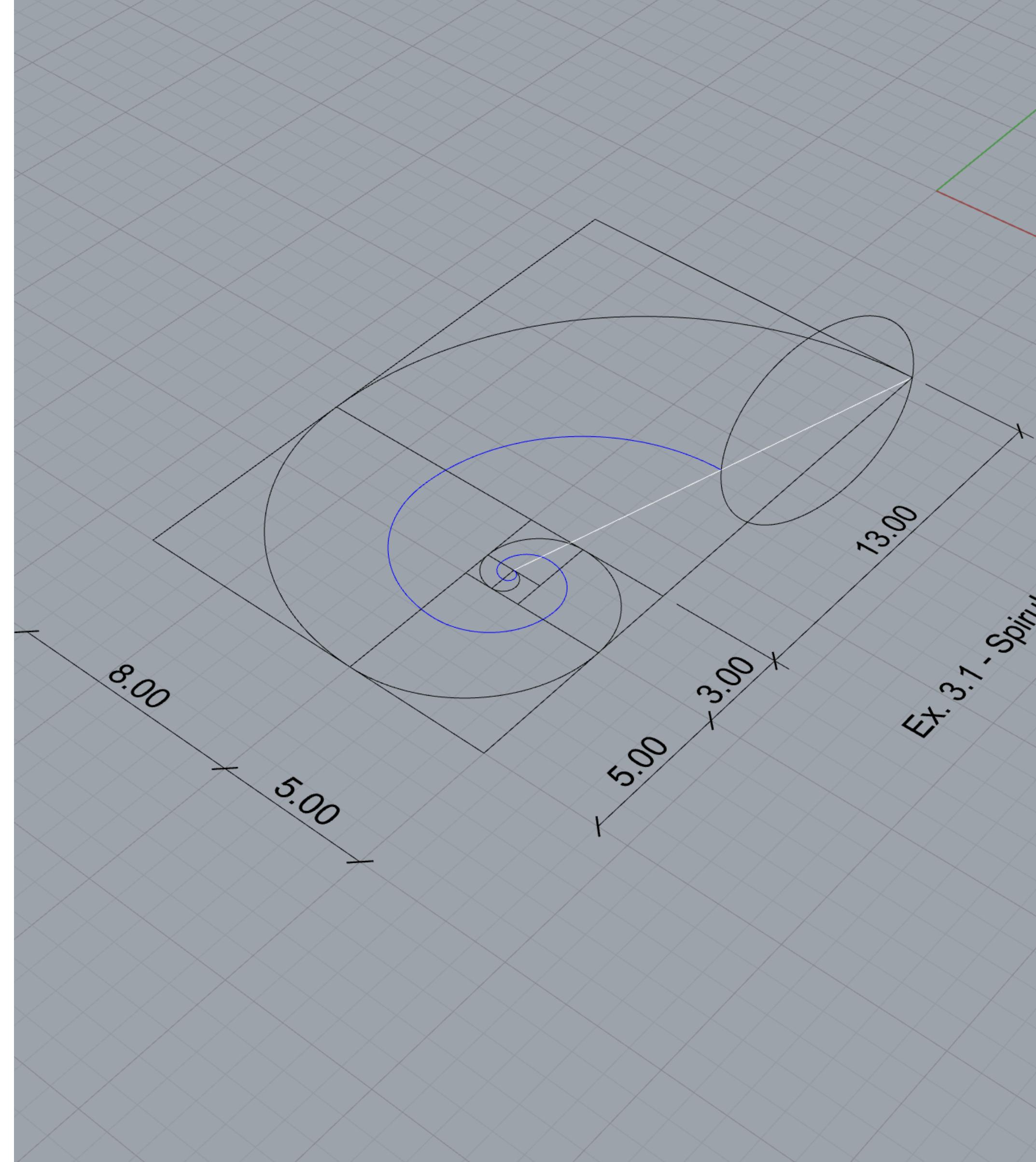


Exerc. 2.1.4 – Dual do Dodecaedro Truncado

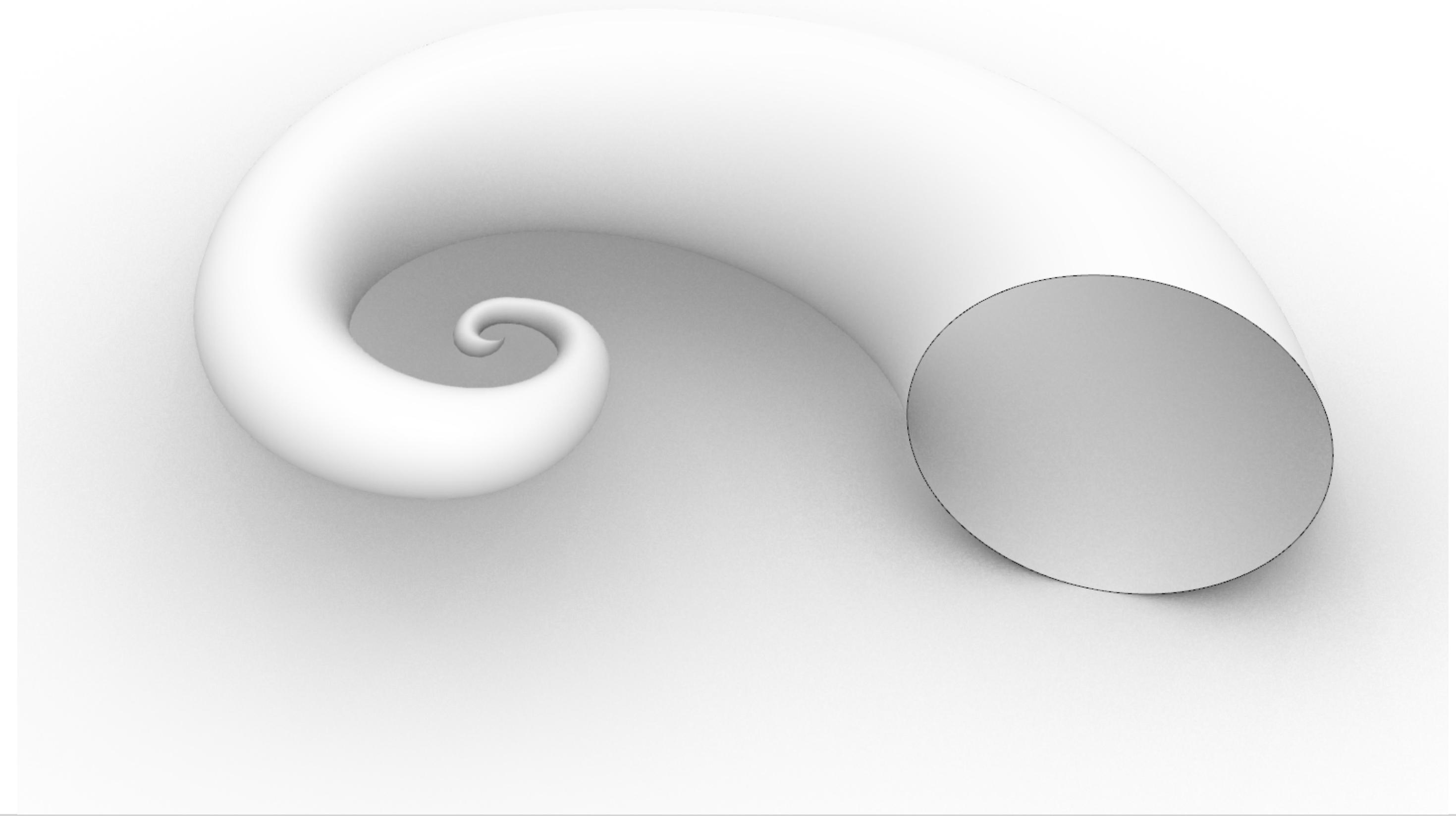
Exerc. 3 – Conchas



Exerc. 3.1 - Spirula



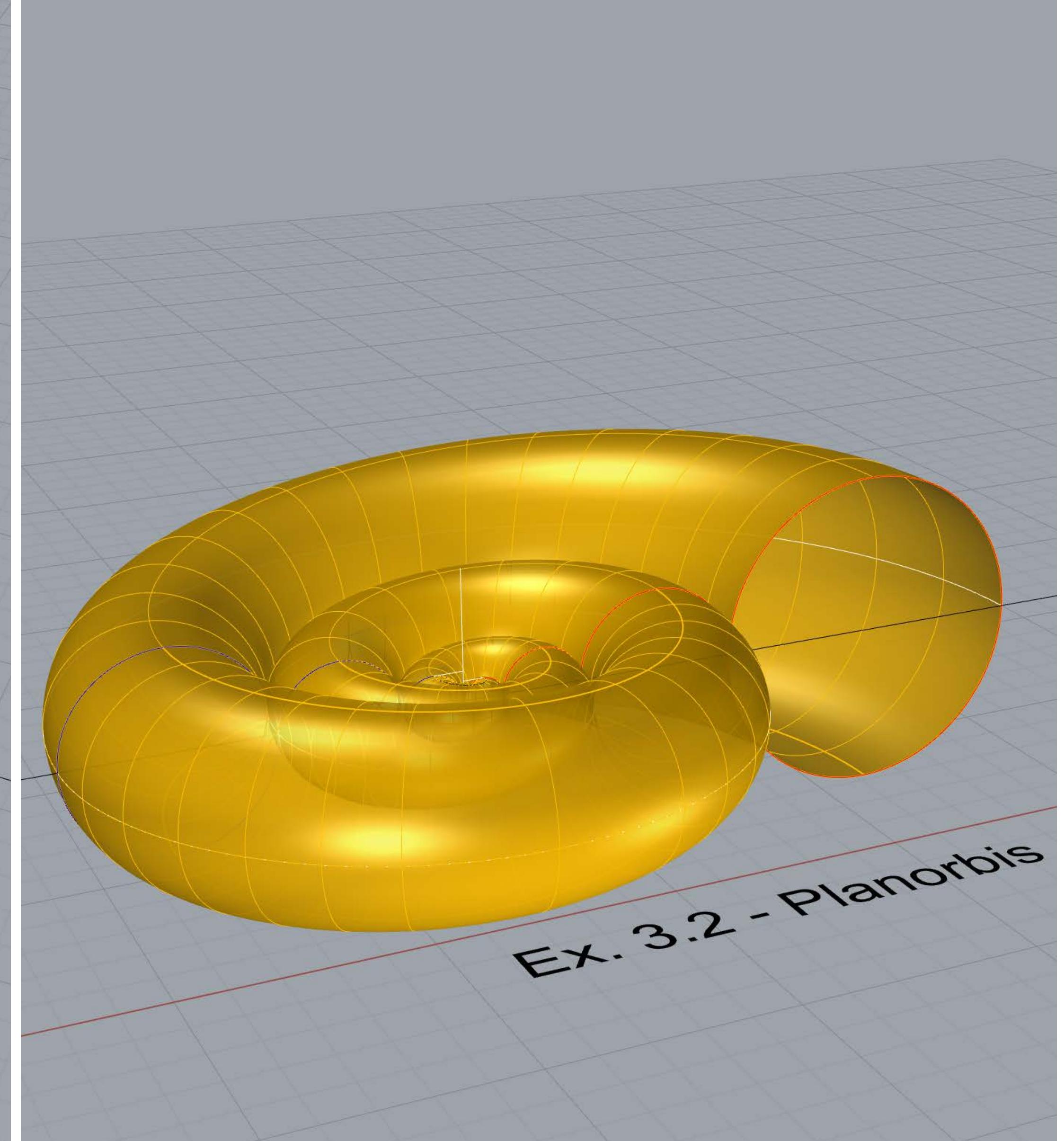
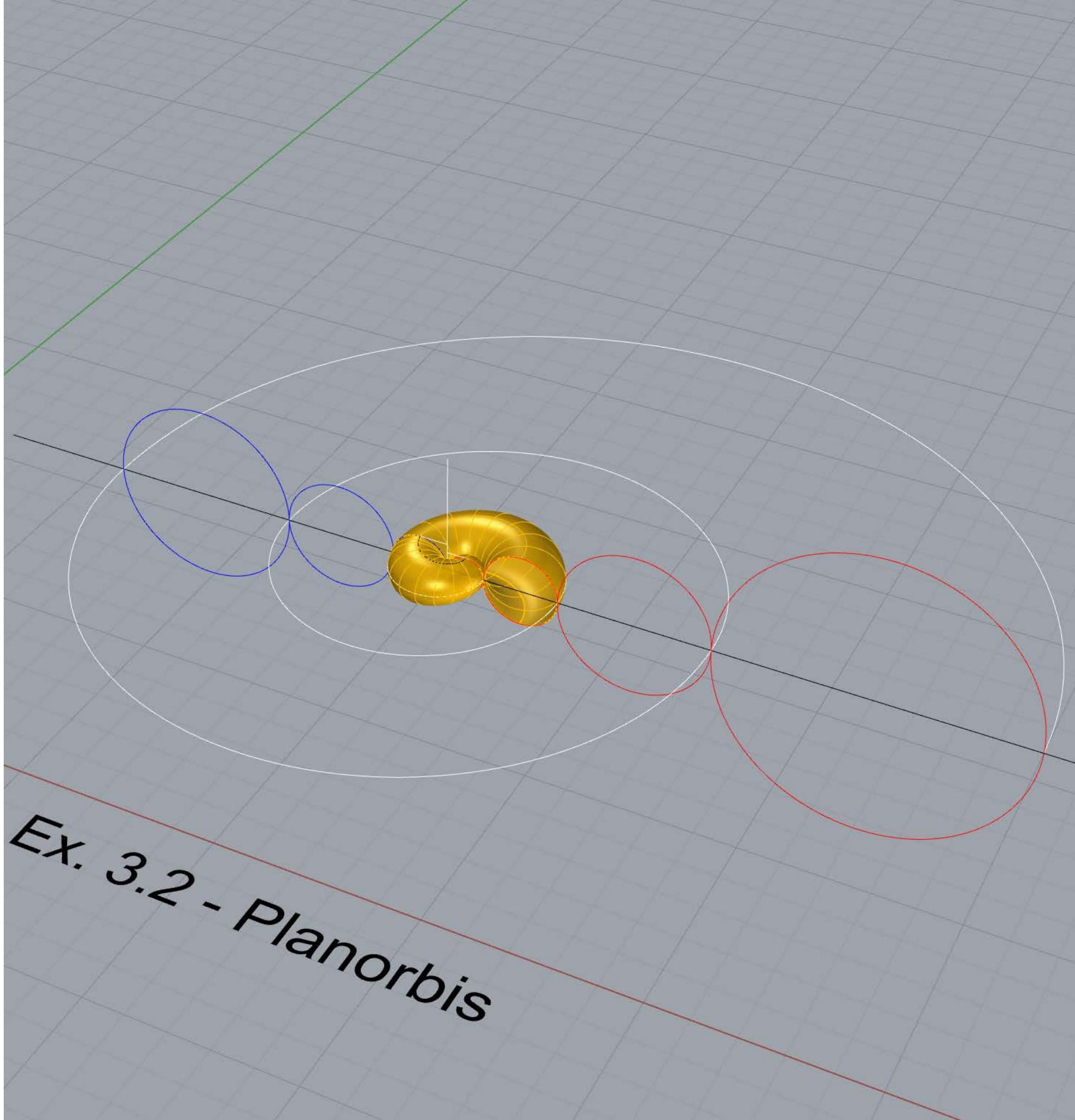
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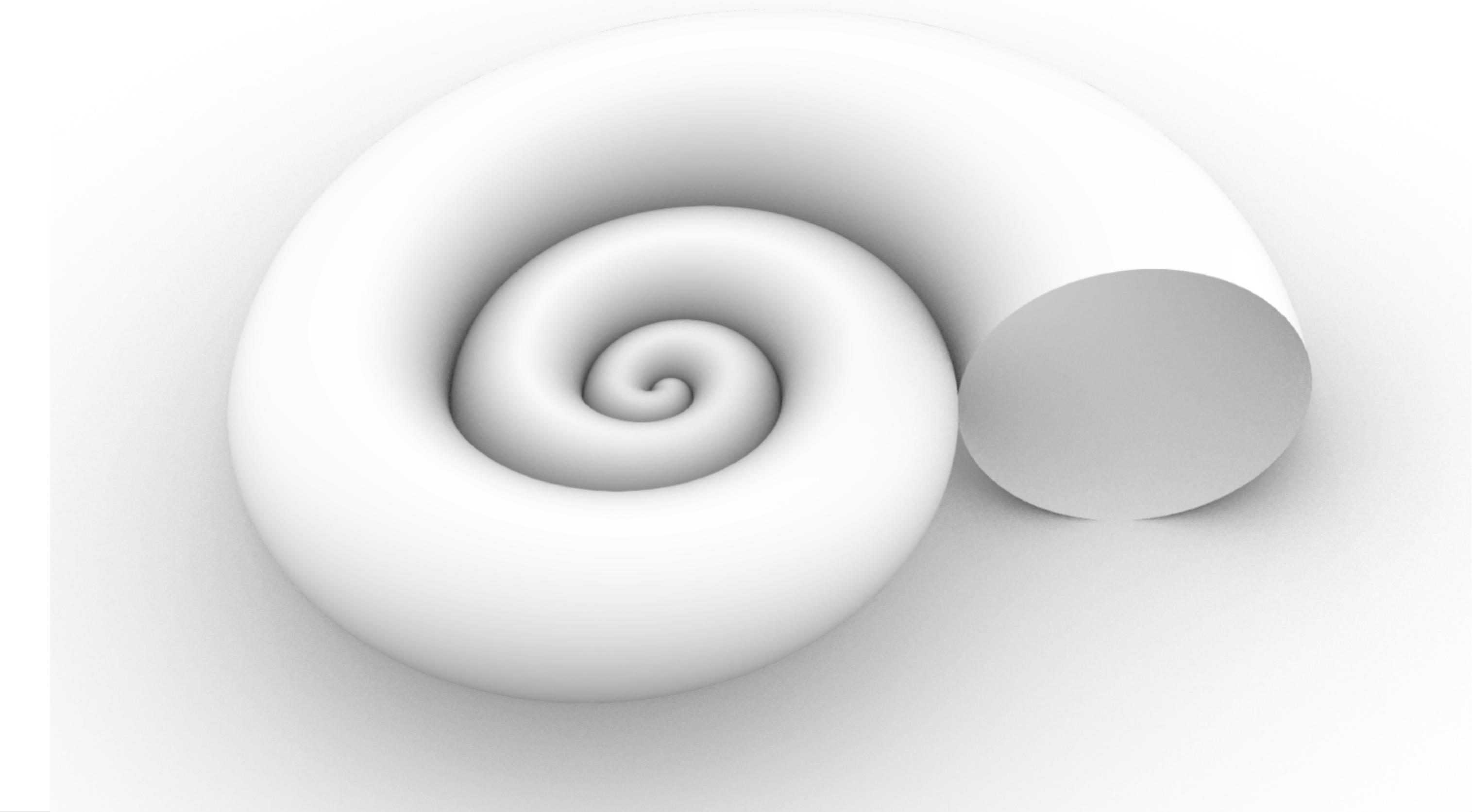
Exerc. 3.1 - Spirula



Exerc. 3.2 - Planorbis



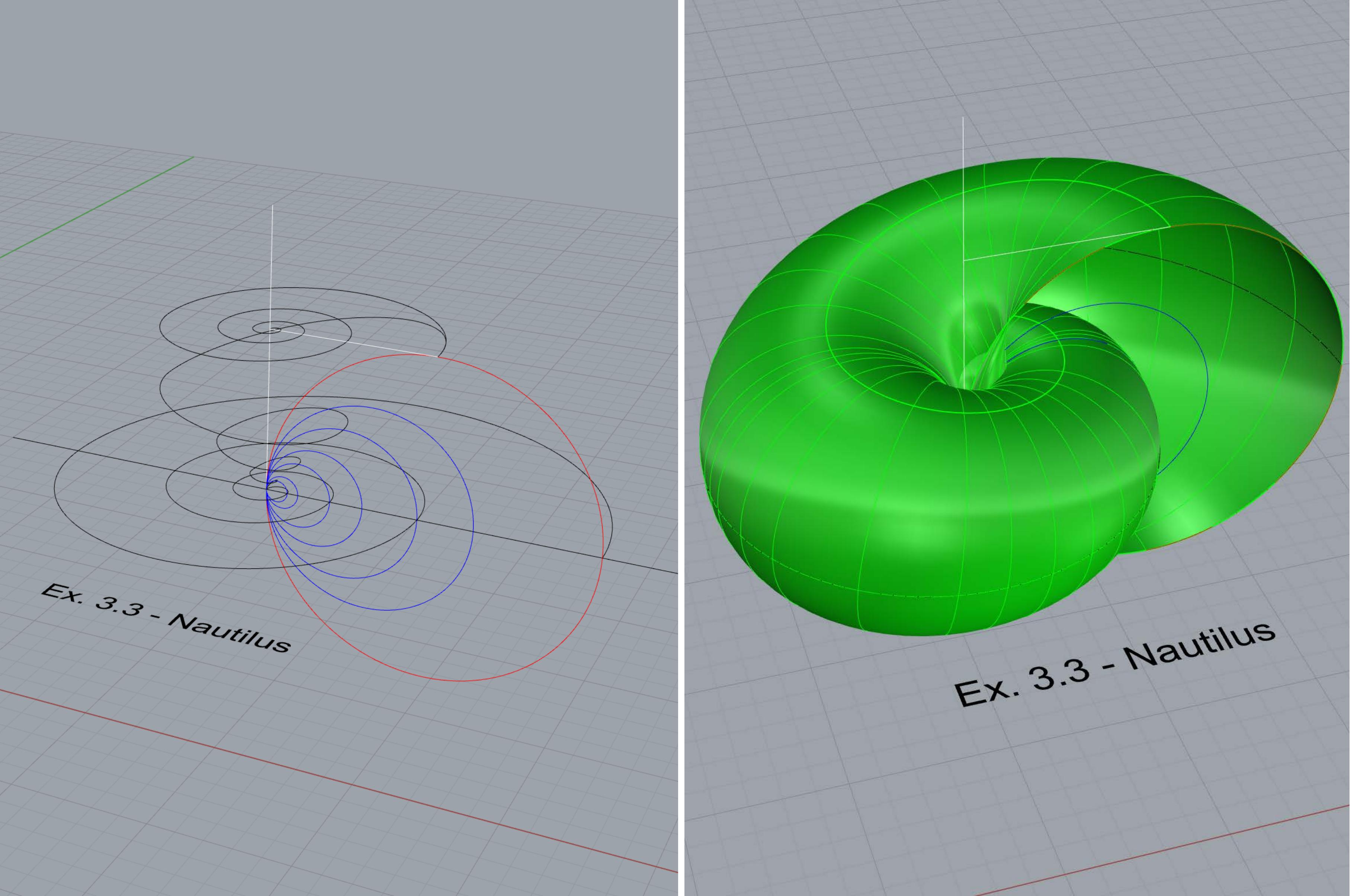
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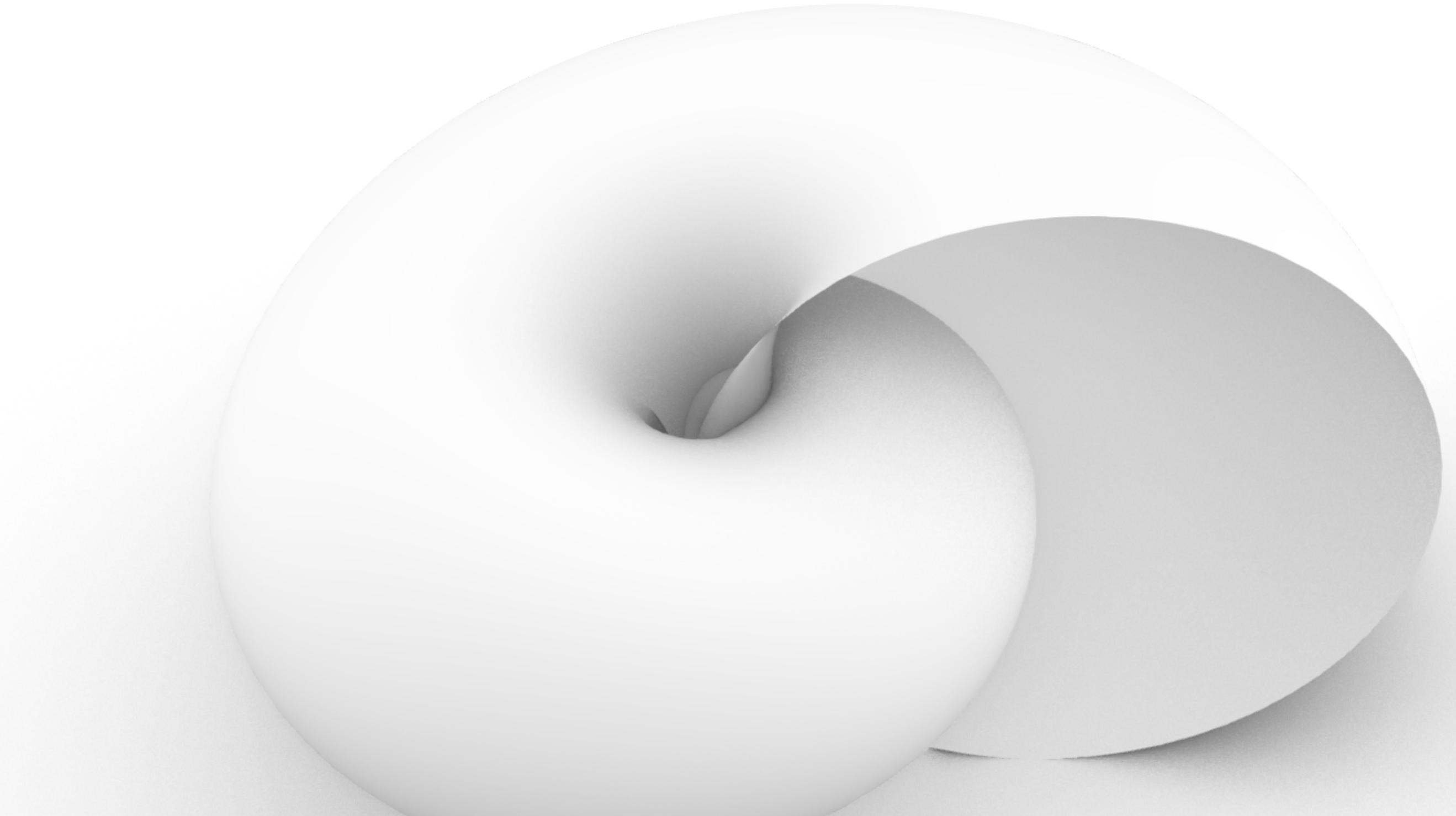
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Exerc. 3.3 - Nautilos



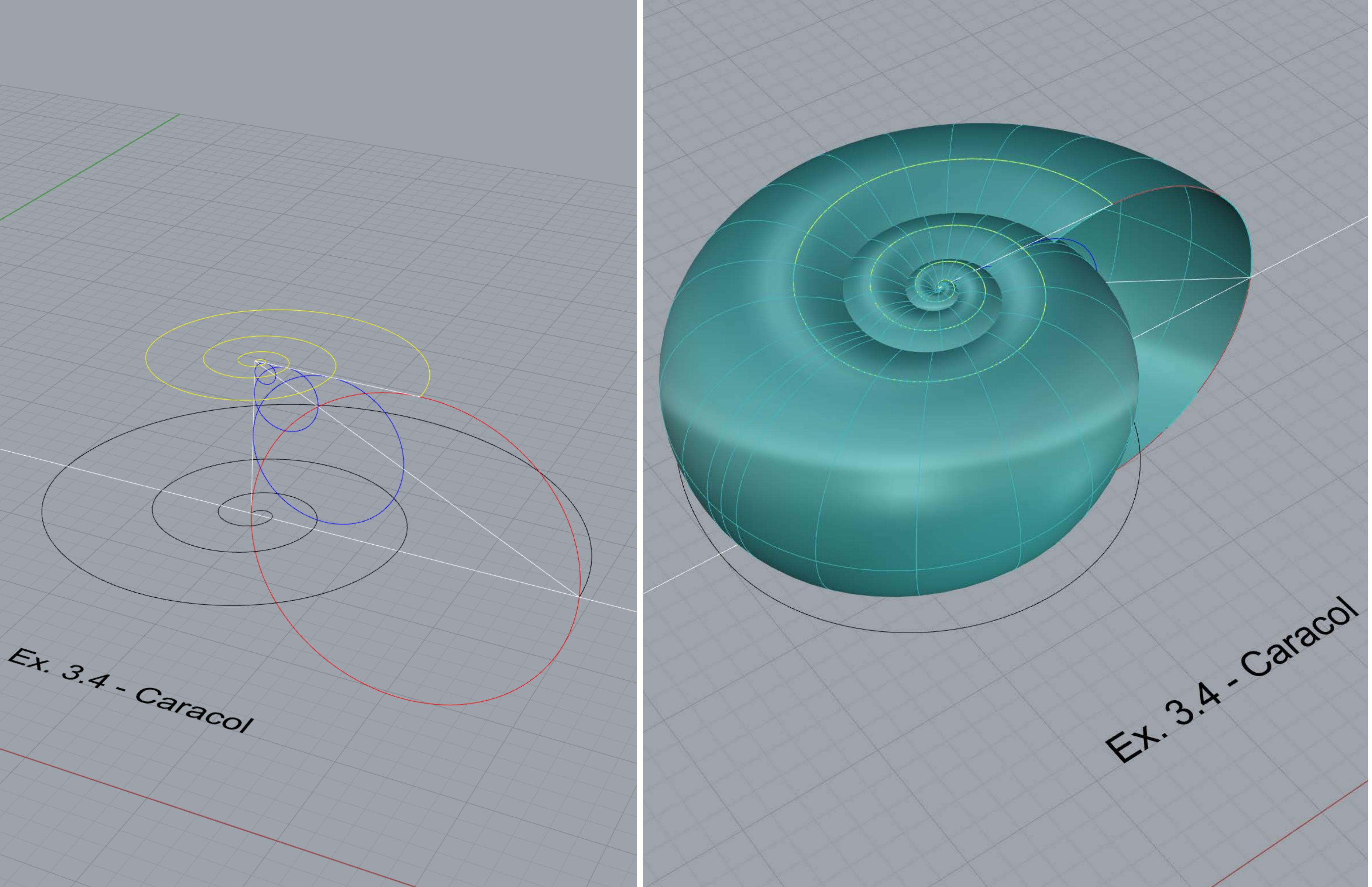
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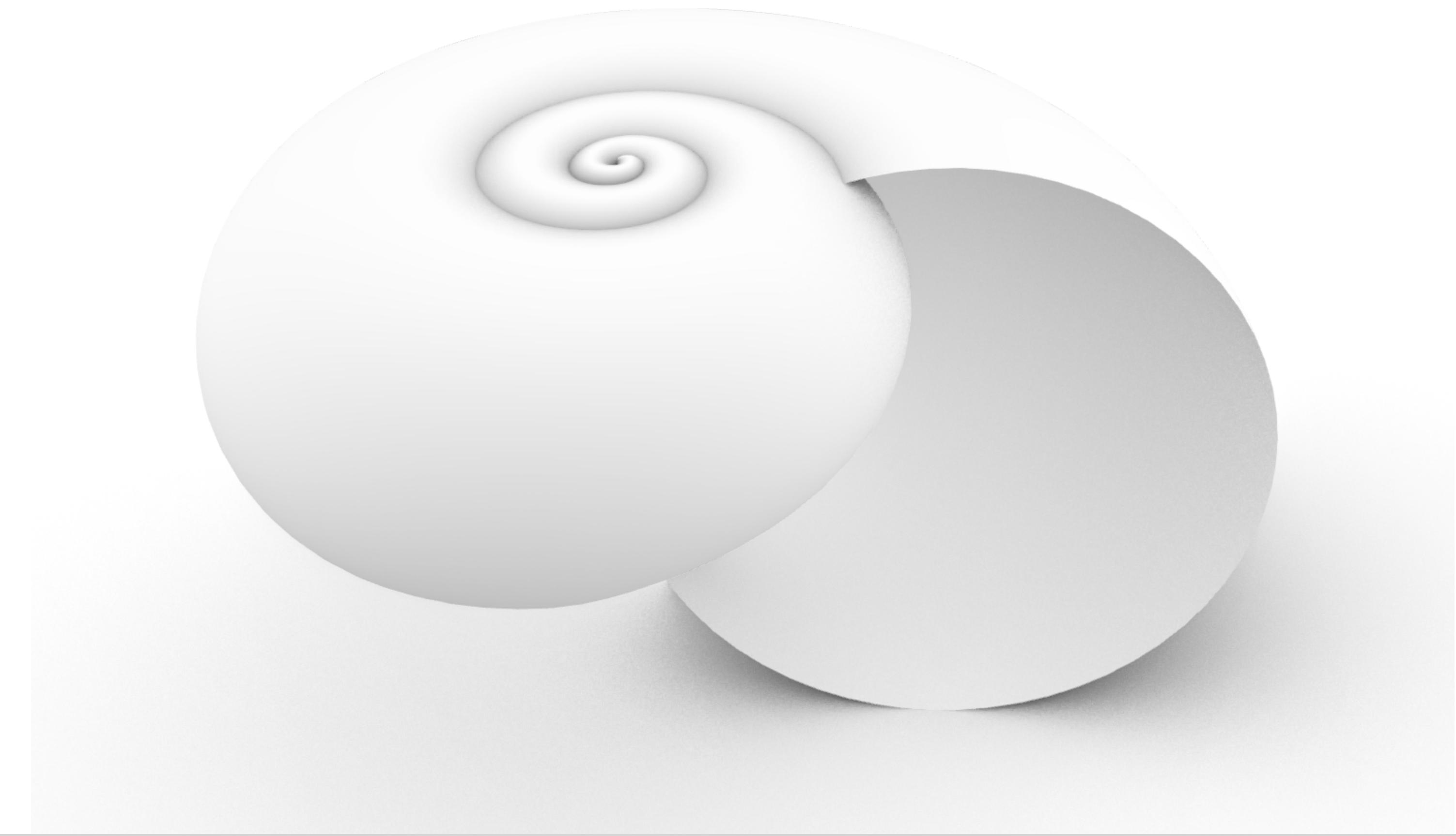
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Exerc. 3.4 - Caracol



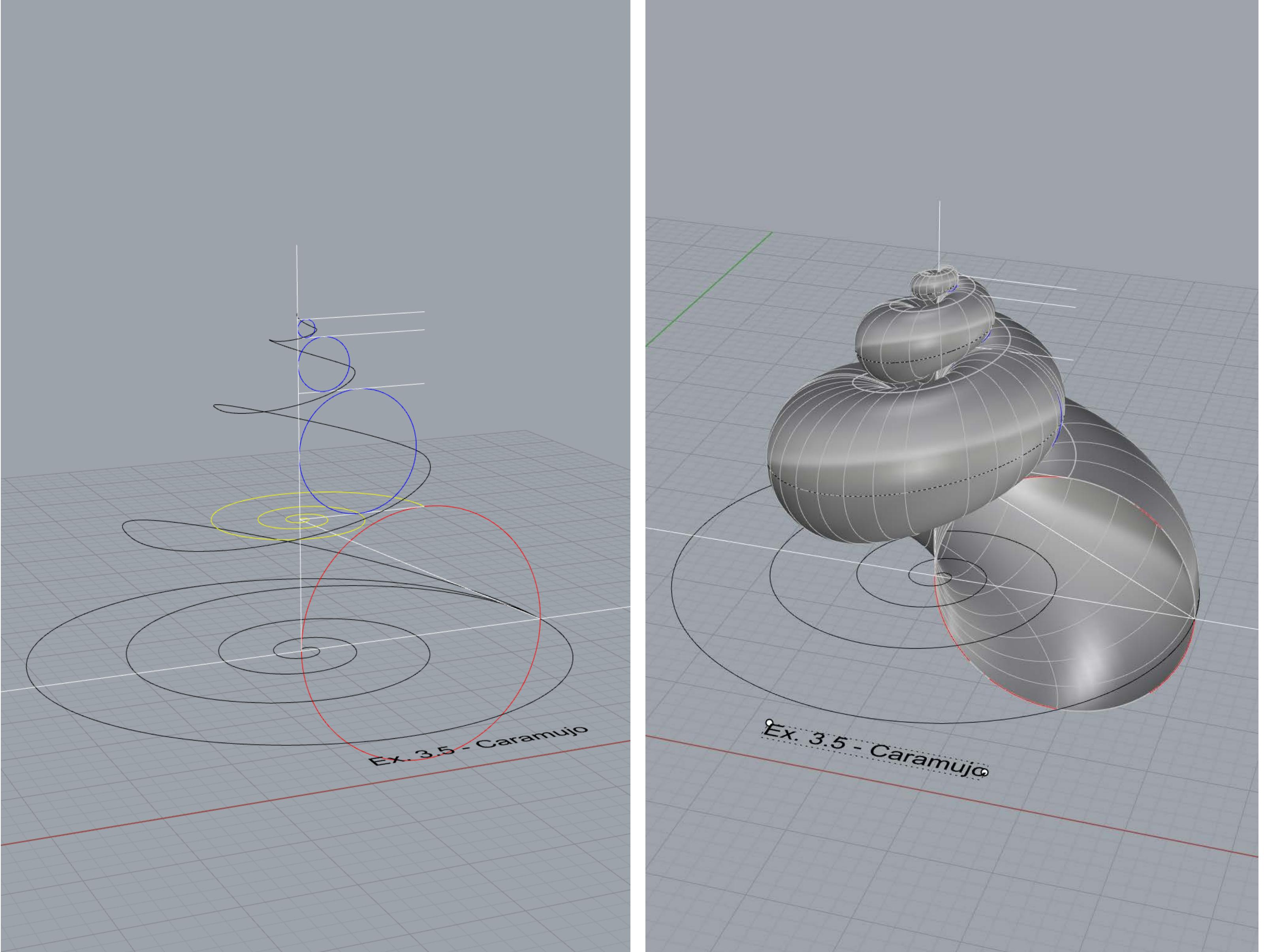
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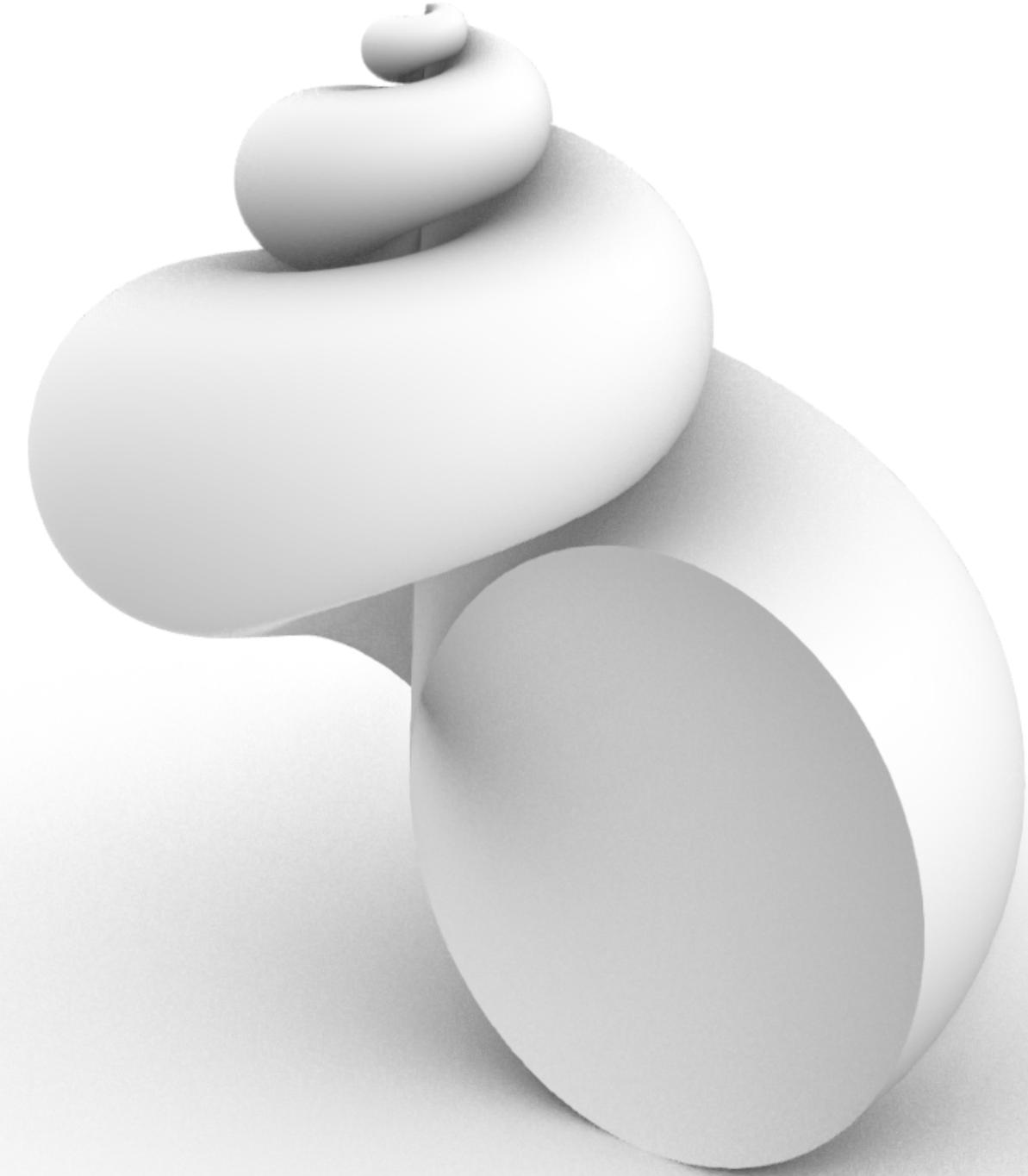
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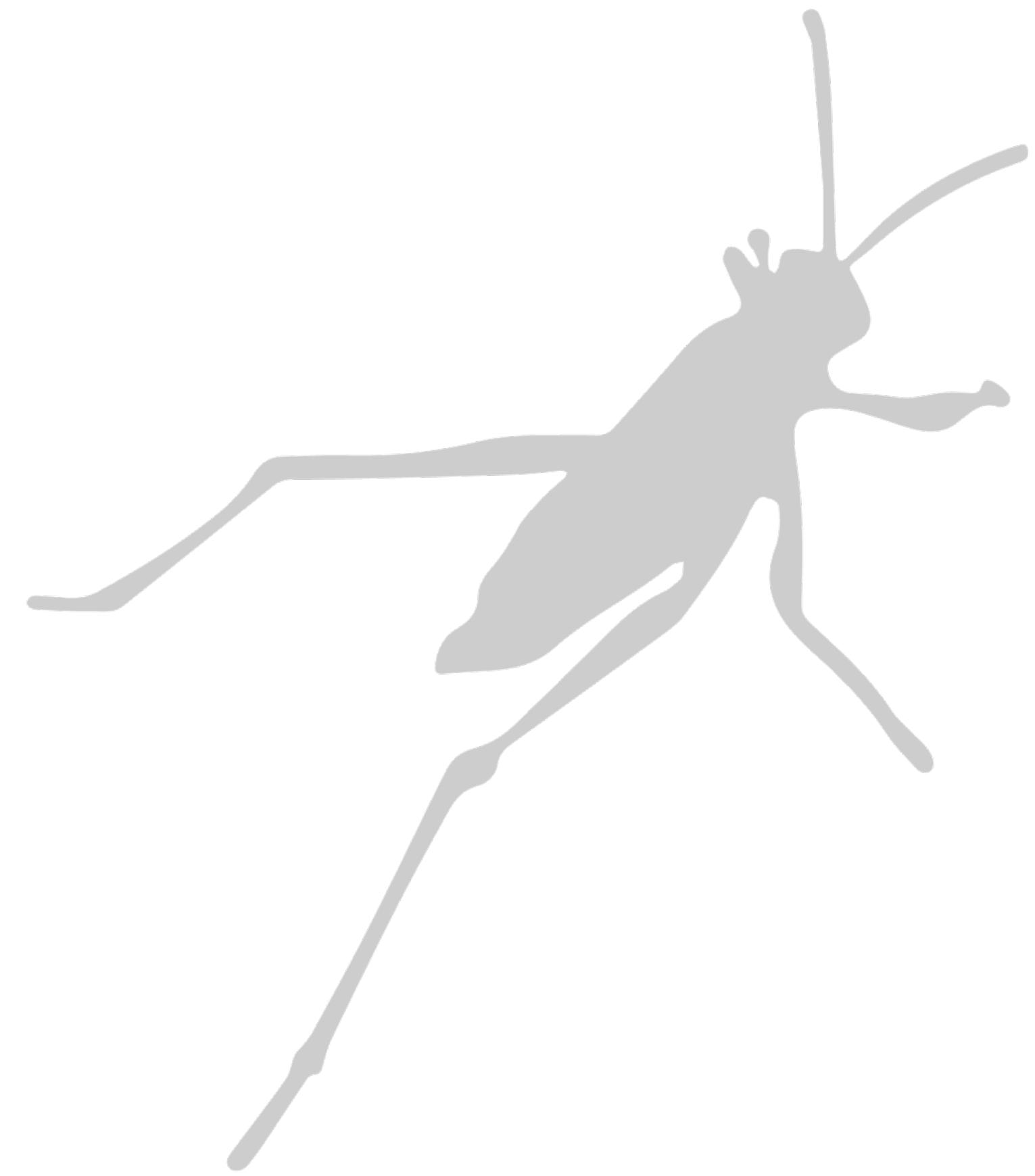
Exerc. 3.5 – Caramujo do Mar



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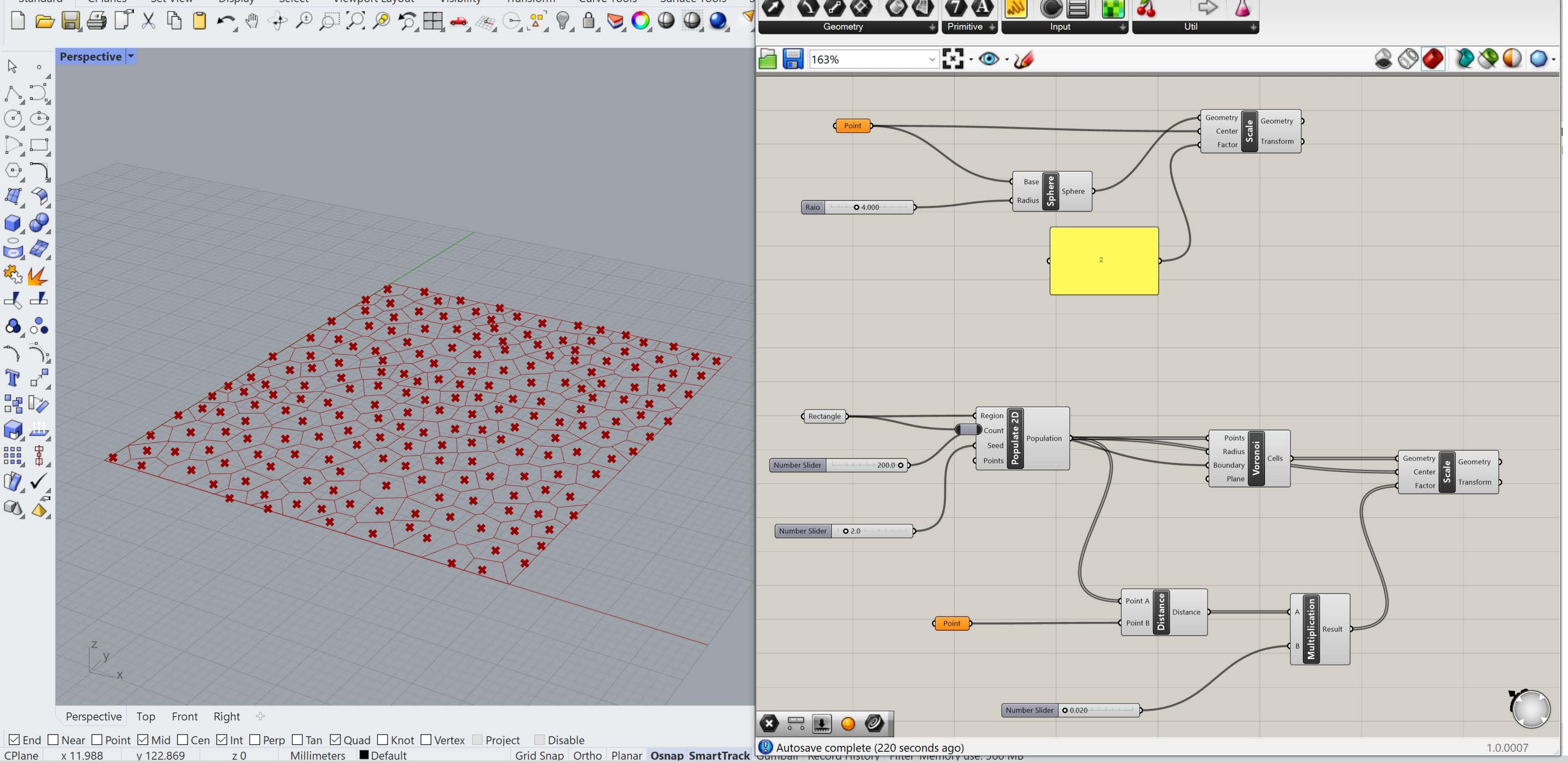


Exerc. 3.5 – Caramujo do Mar

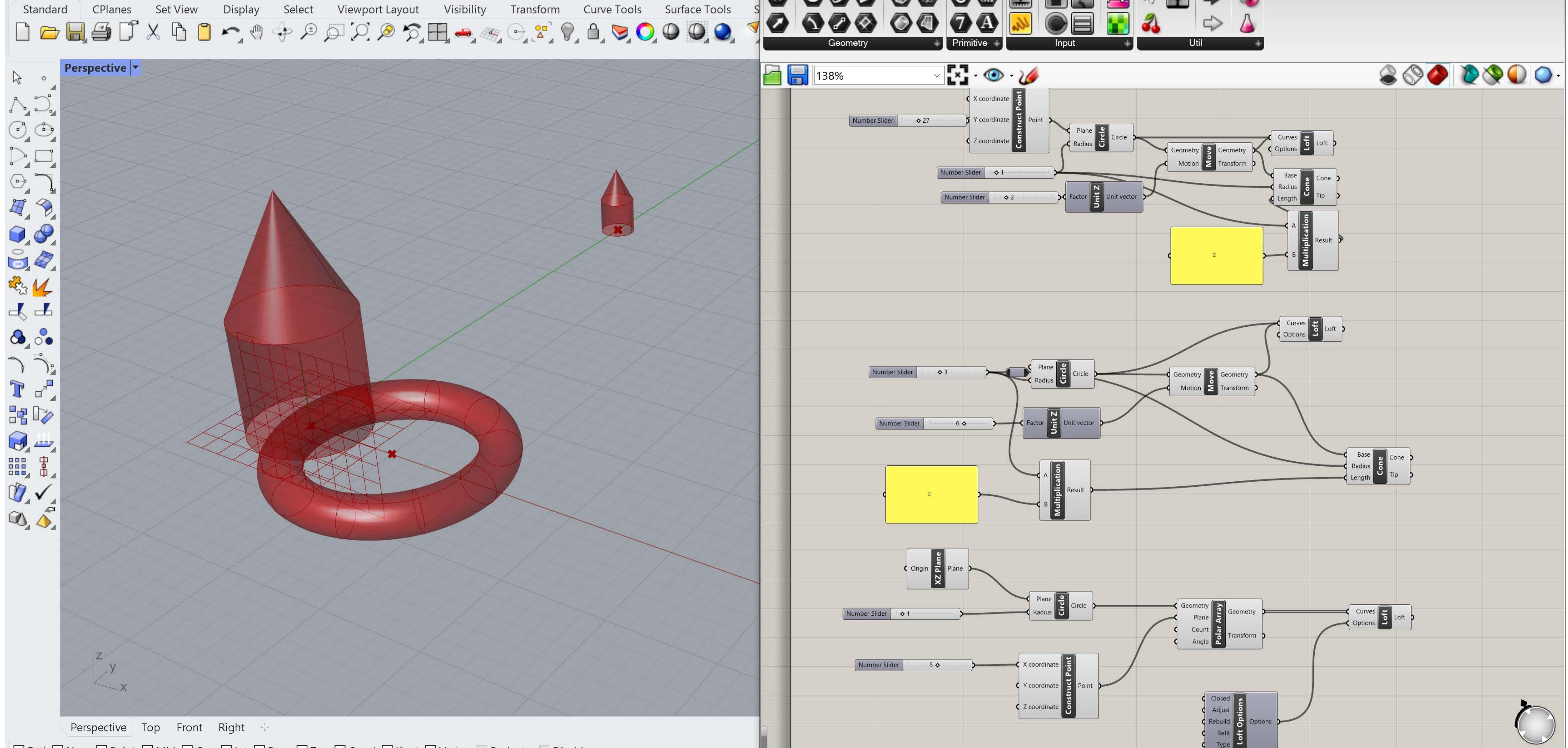


grasshopper

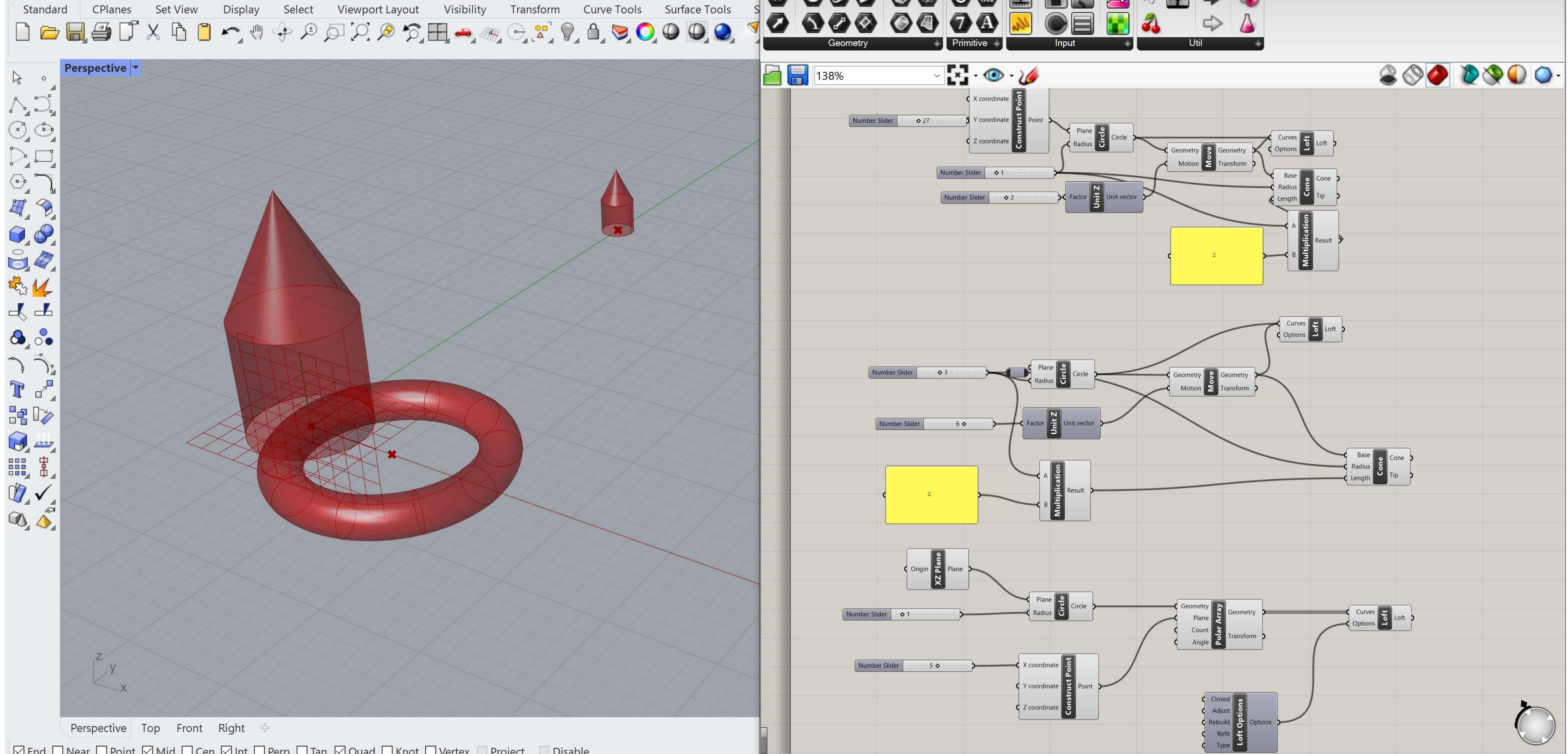
Exerc. 4 – Grasshopper



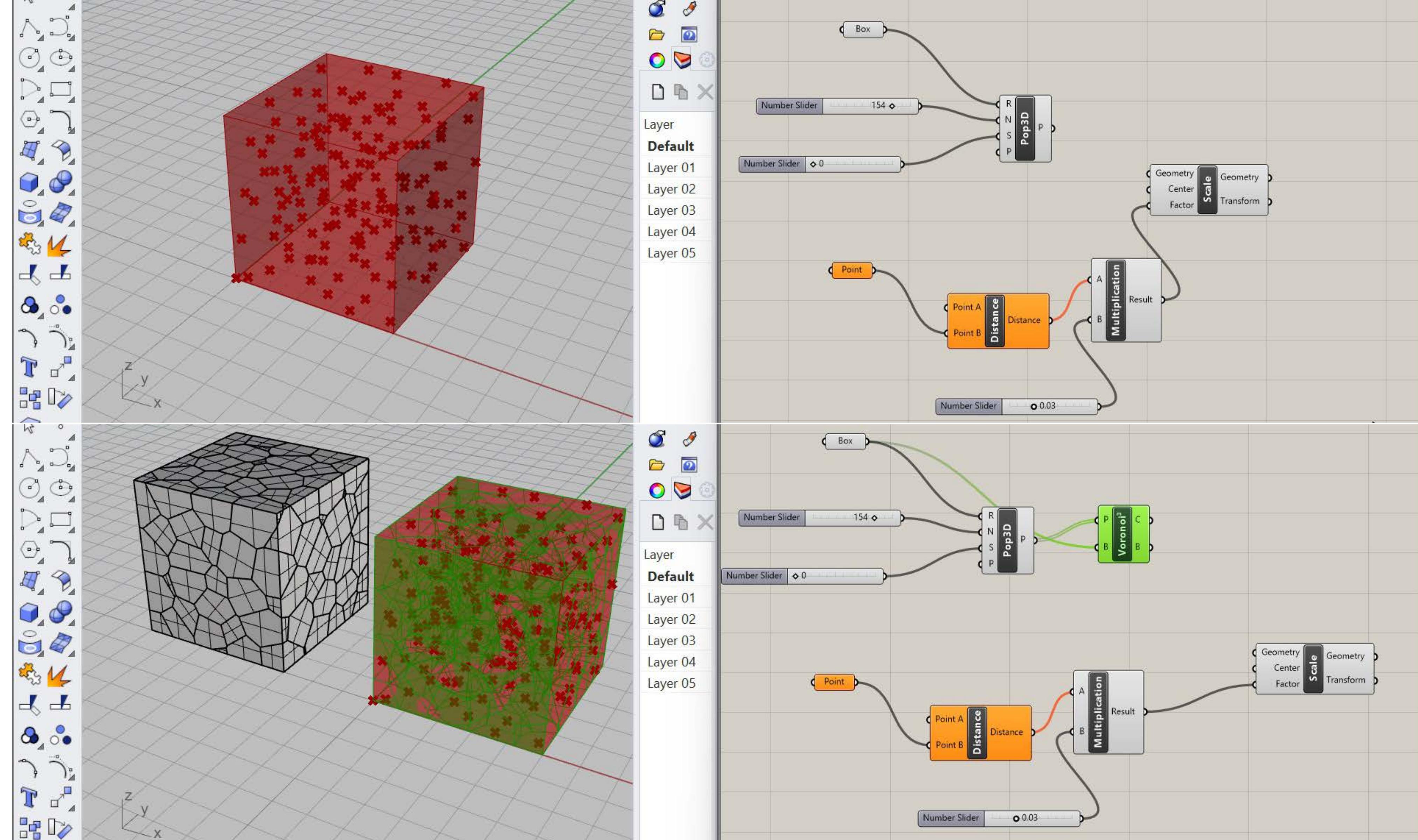
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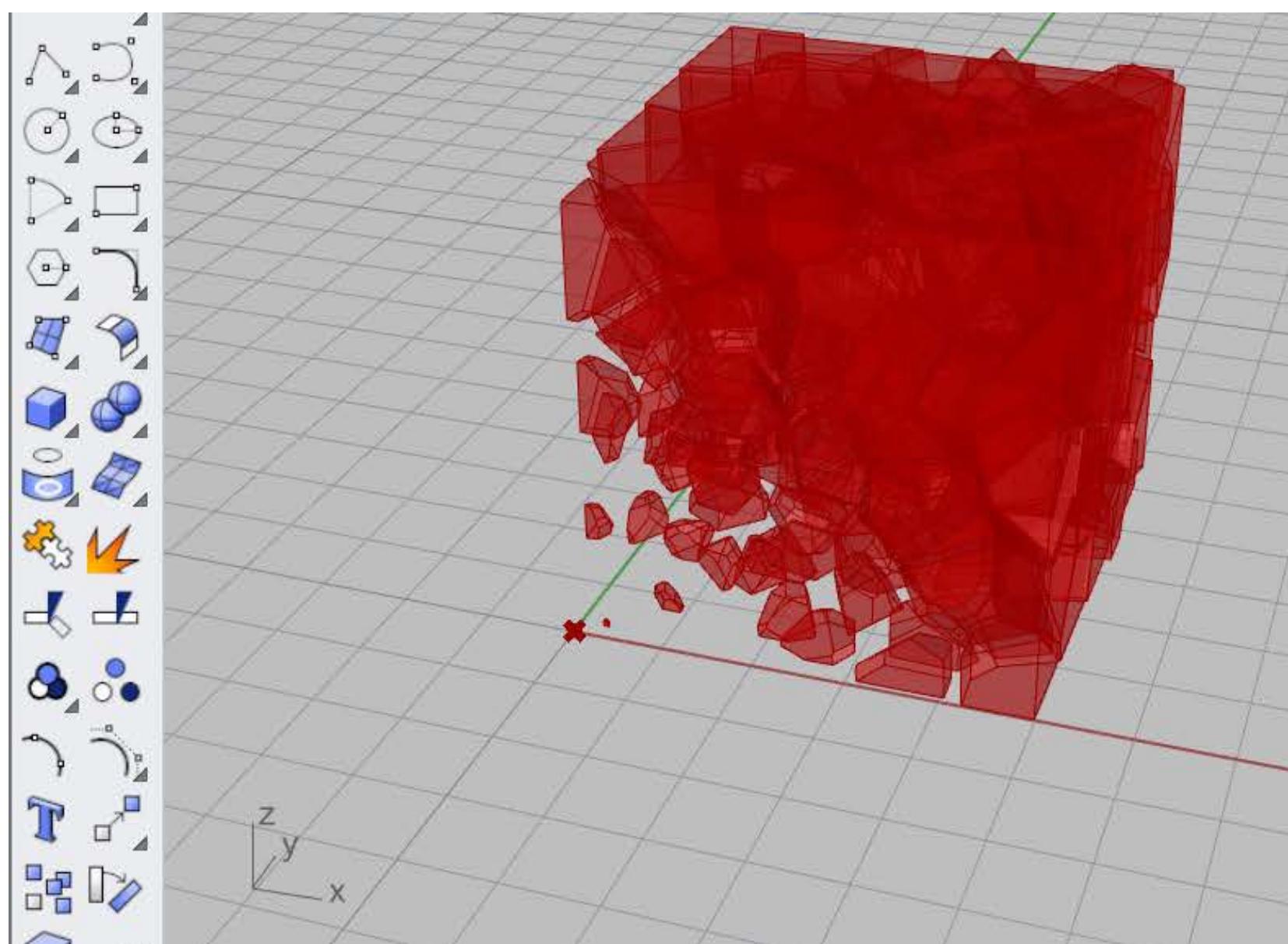
Exerc. 4.2 – Grasshopper



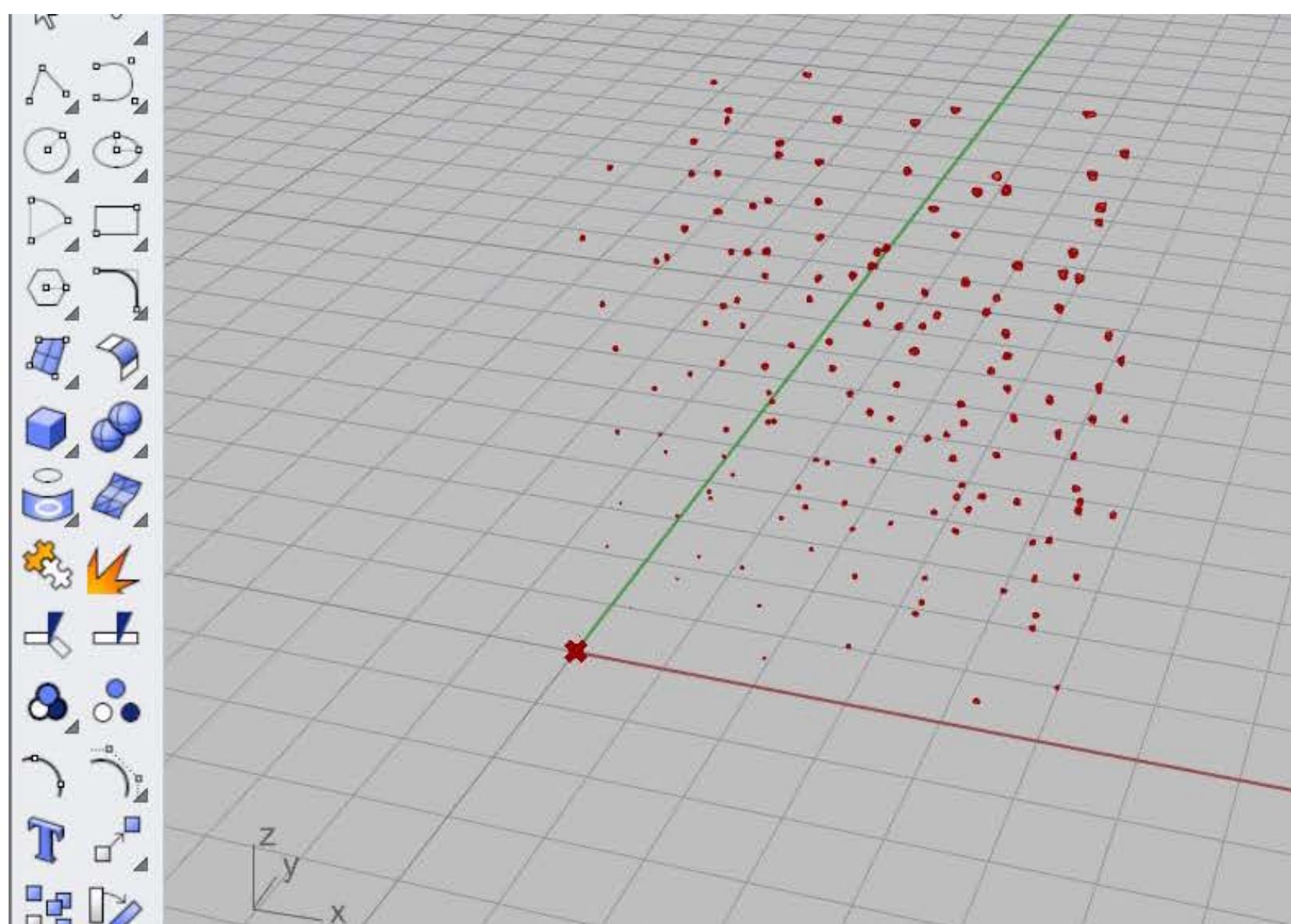
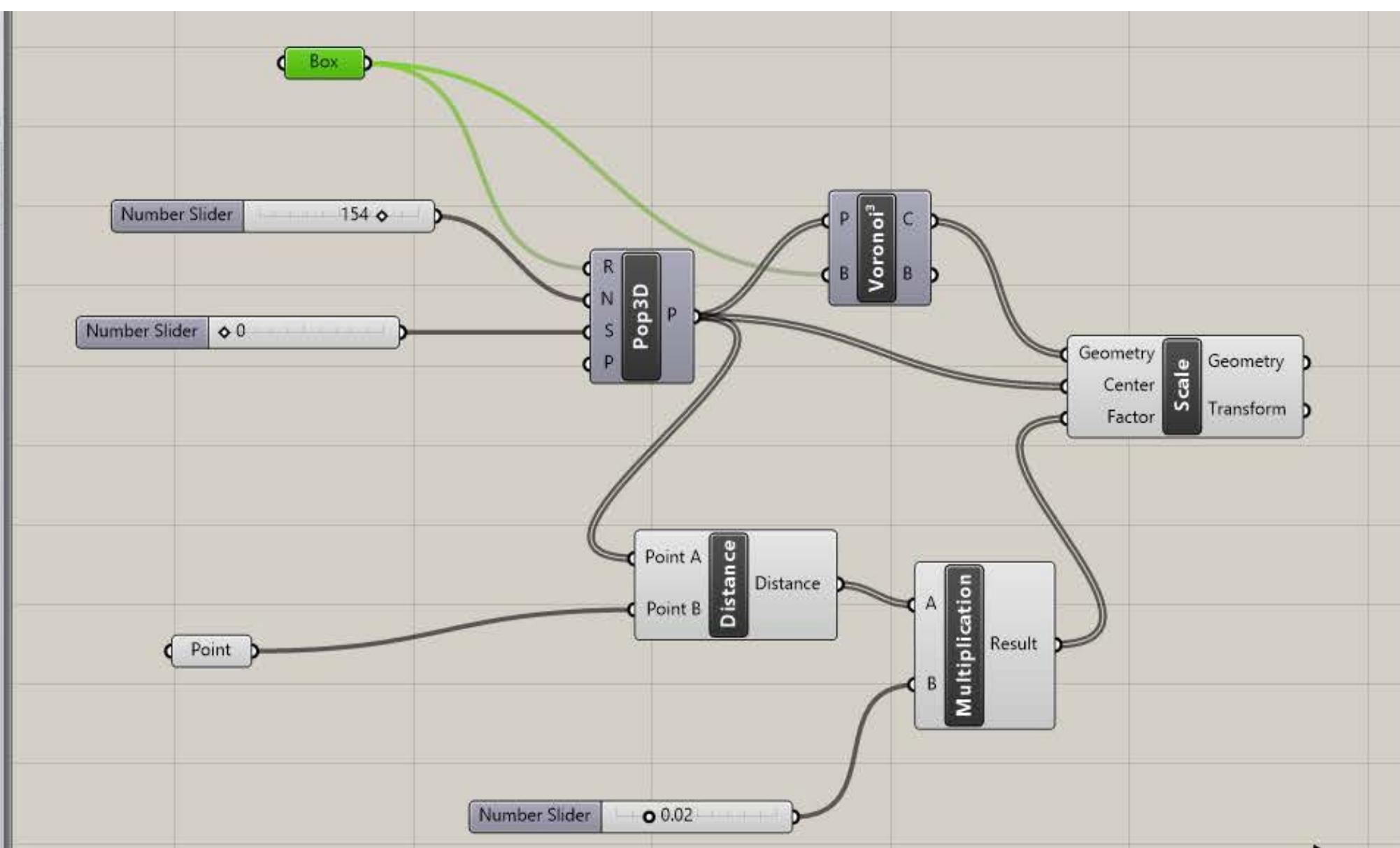
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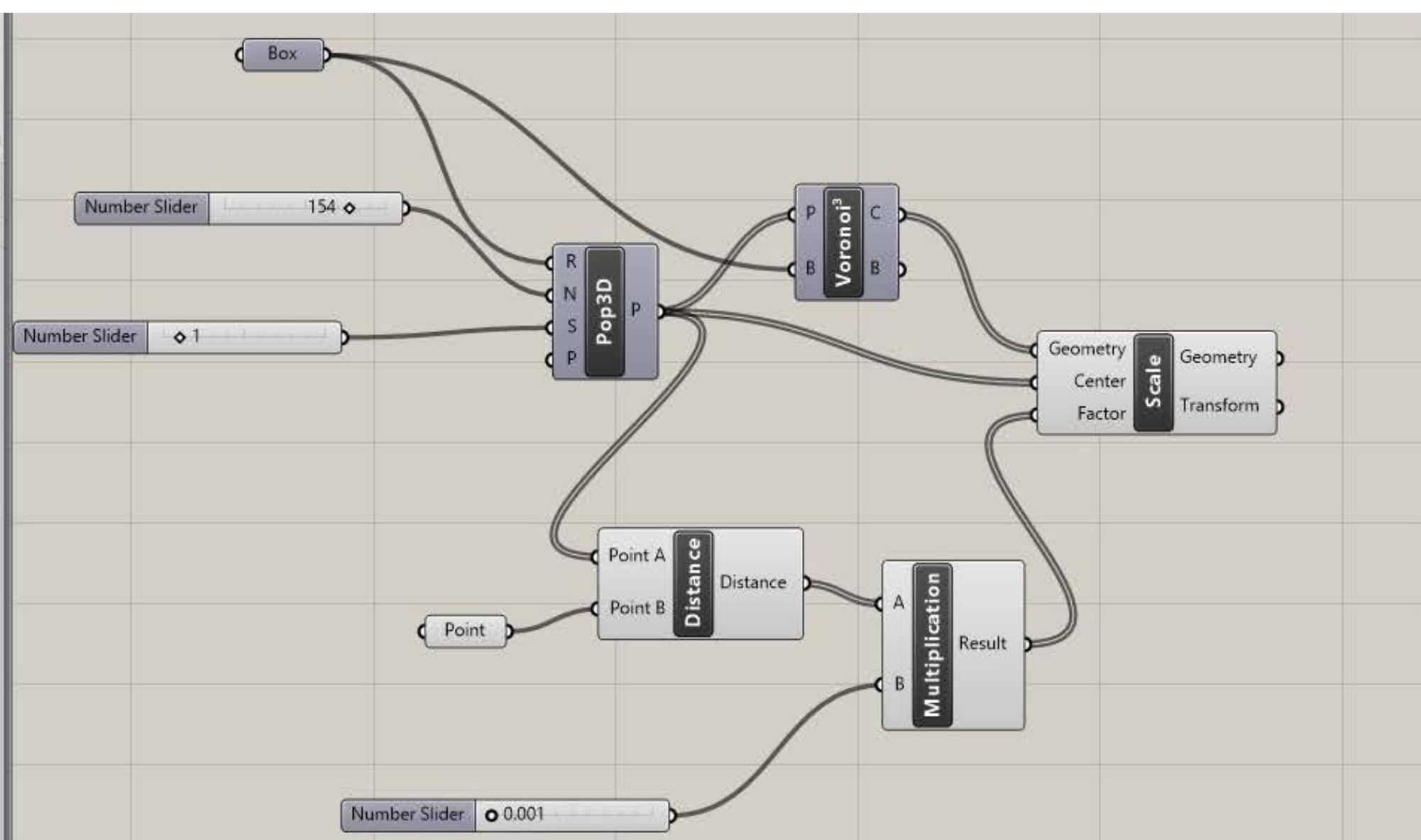
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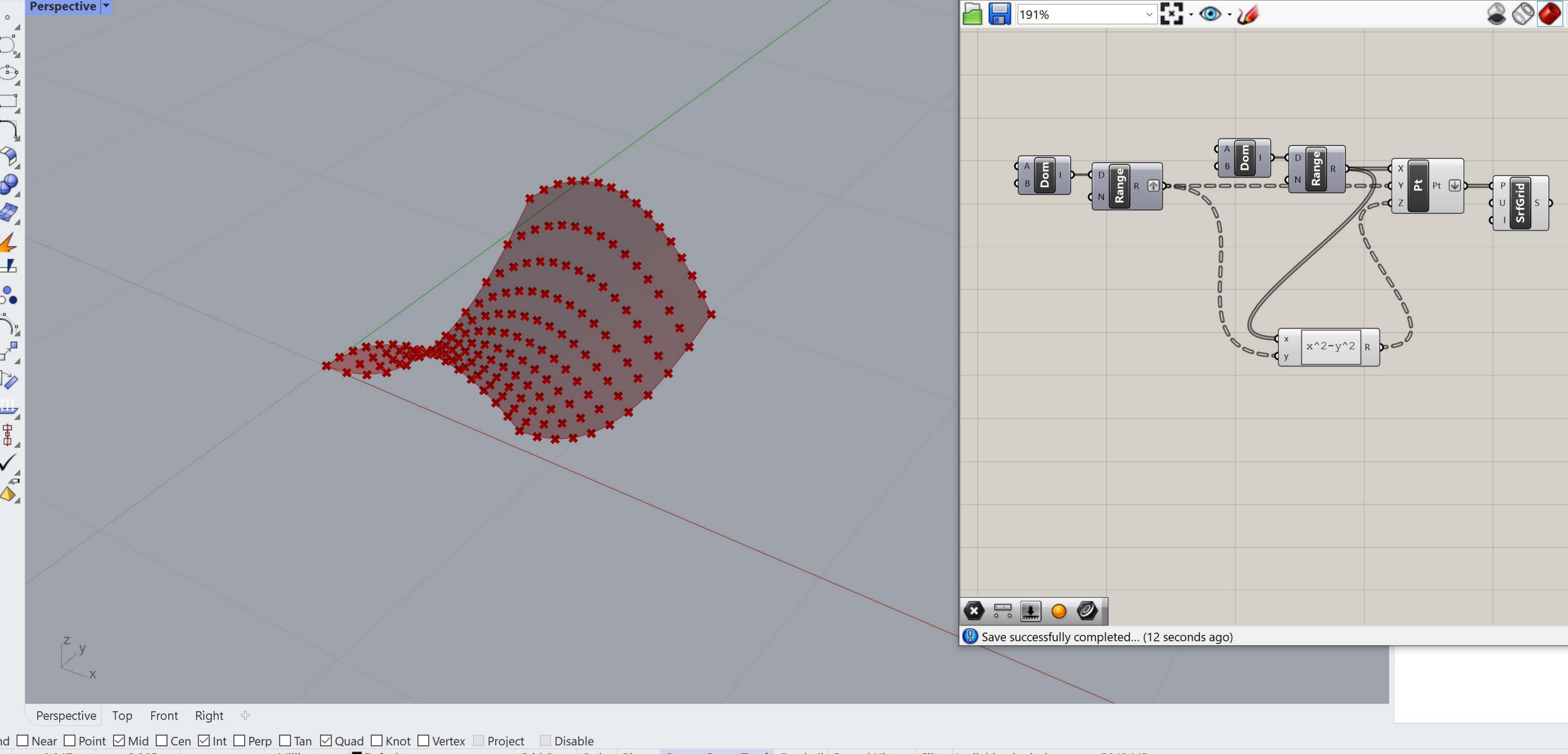
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Layer 02
Layer 03
Layer 04
Layer 05



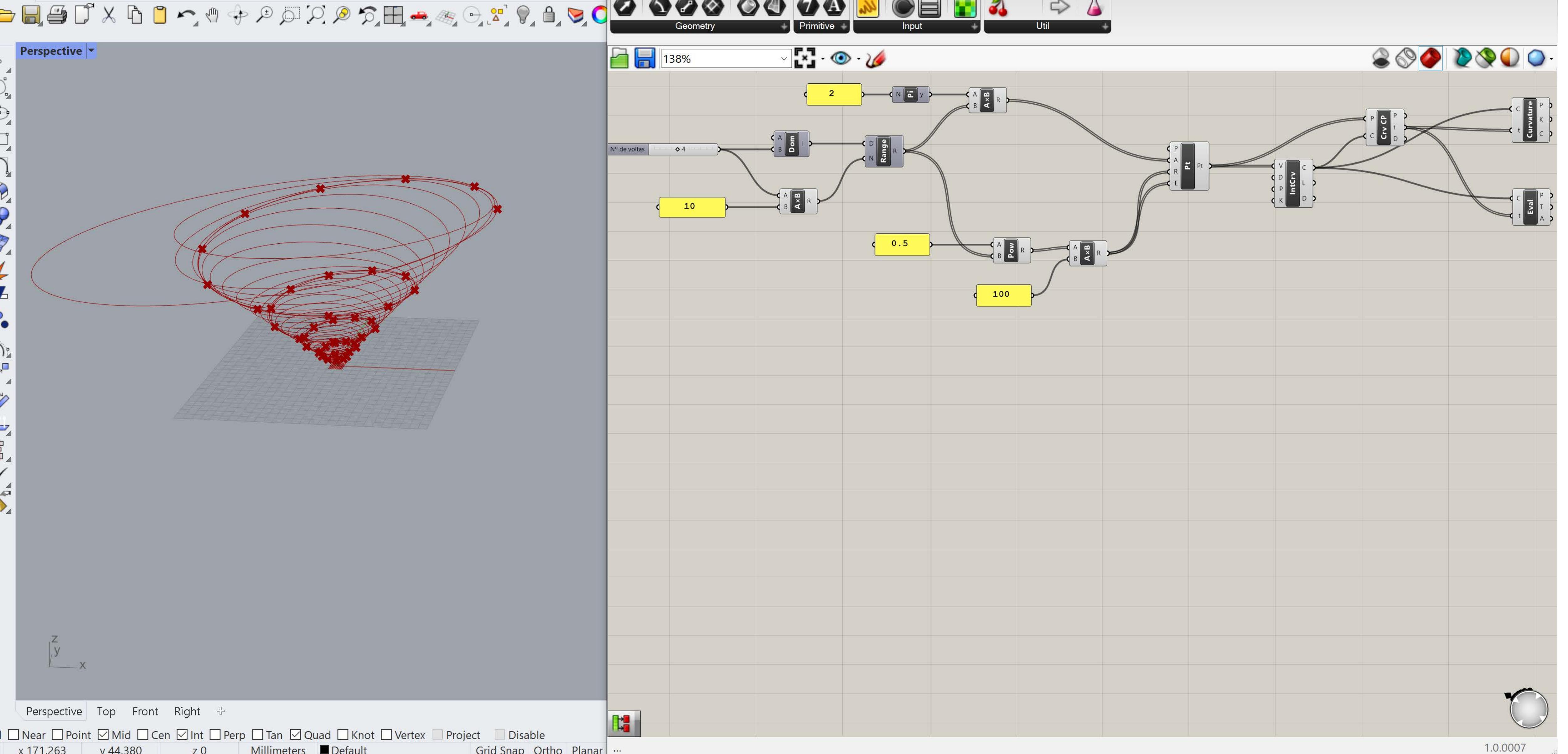
Layer
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Layer 01
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Exerc. 4.3 – Grasshopper



Exerc. 4.4 – Grasshopper

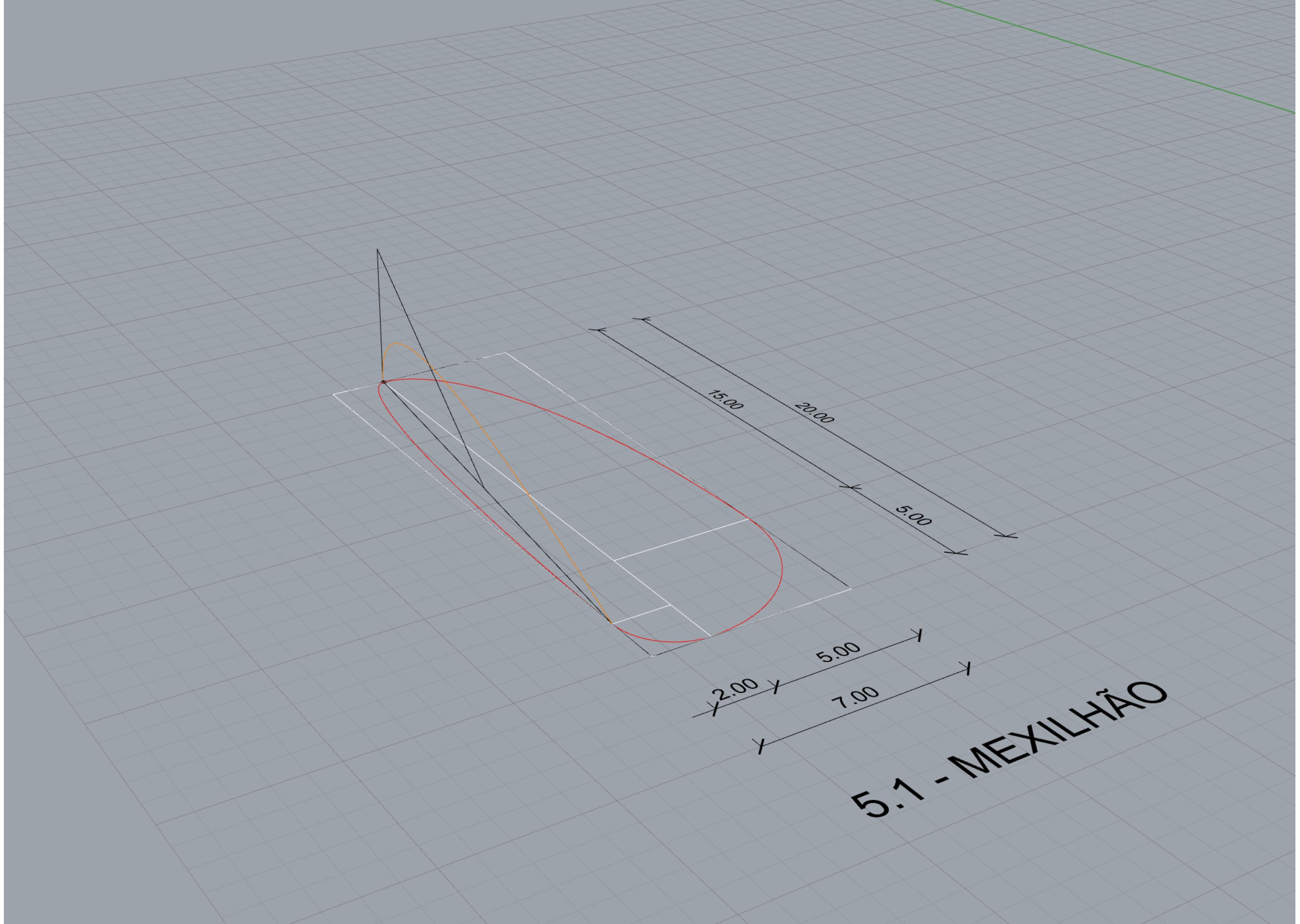


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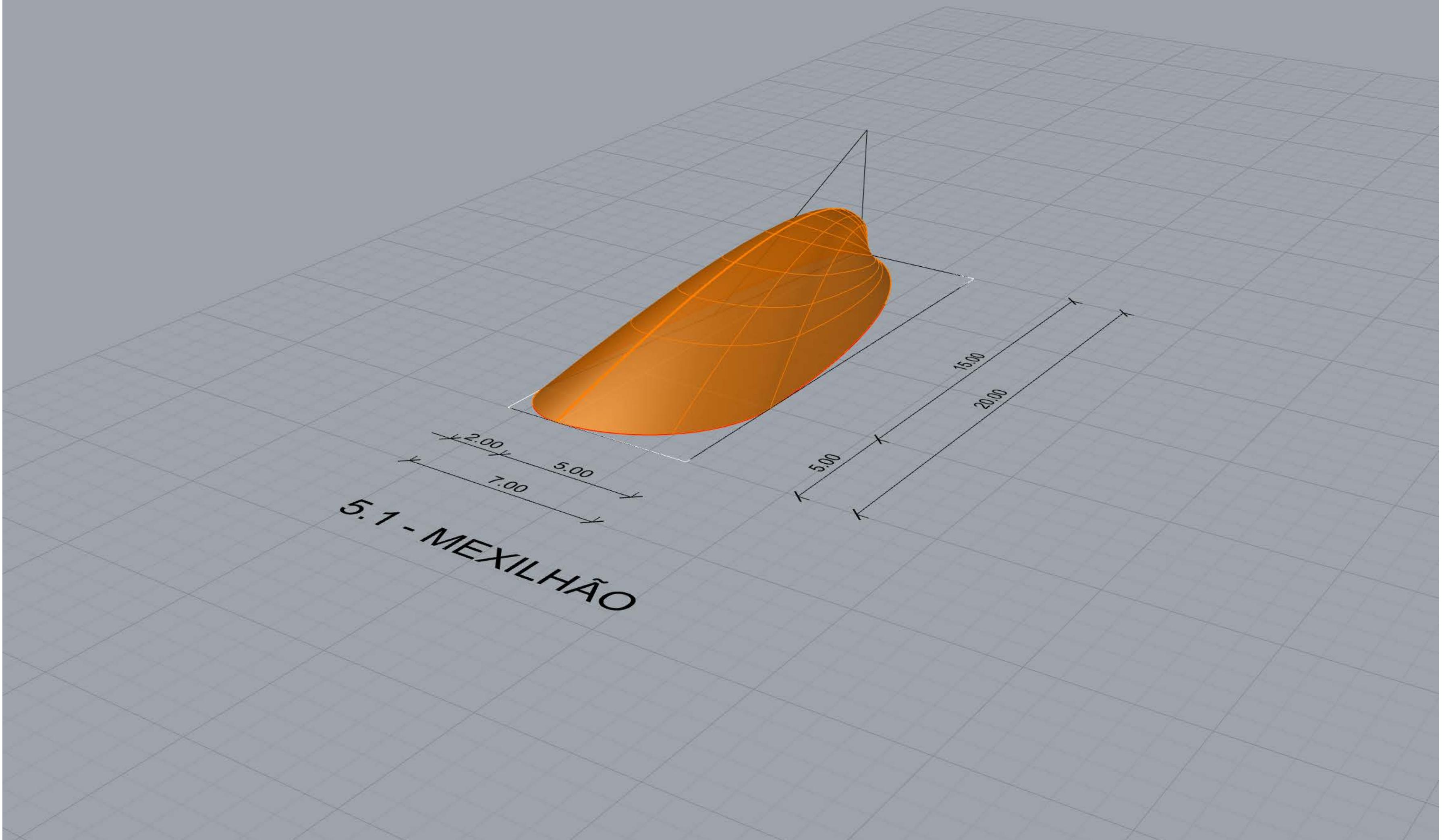
Exerc. 5 – Conchas Bivalves



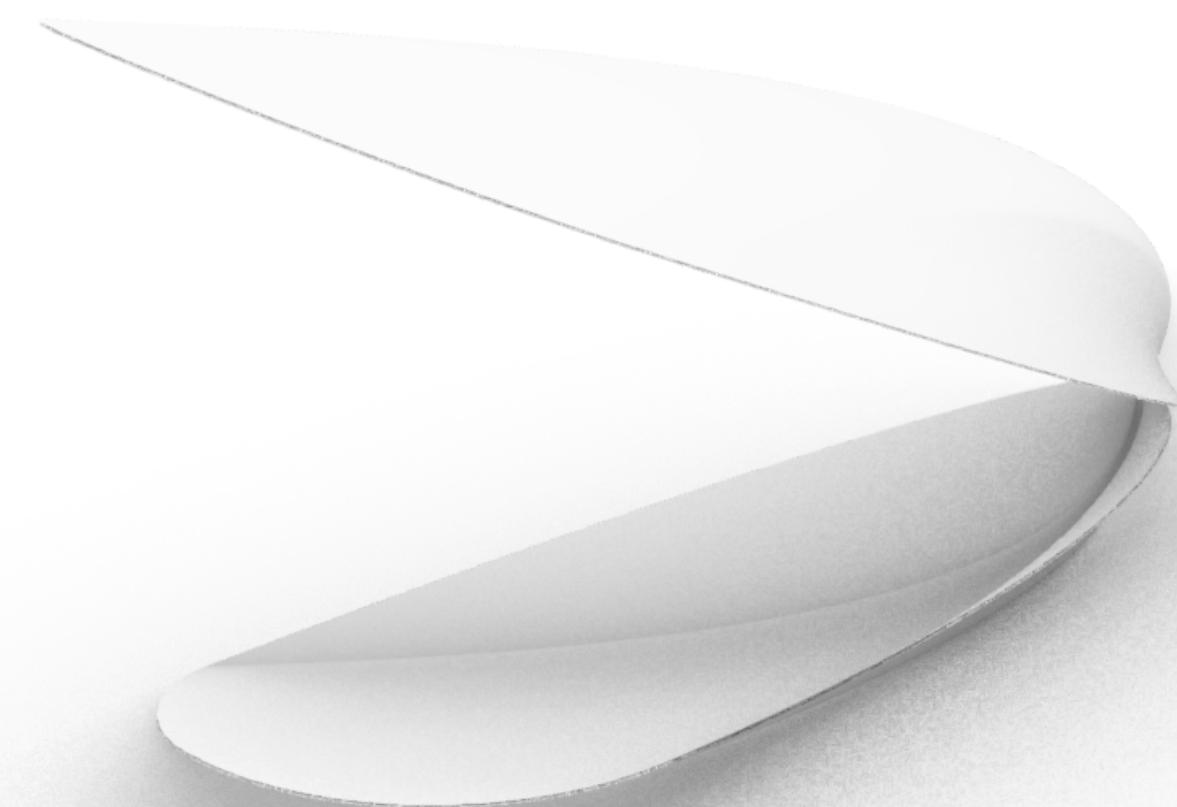
Exerc. 5.1 – Mexilhão



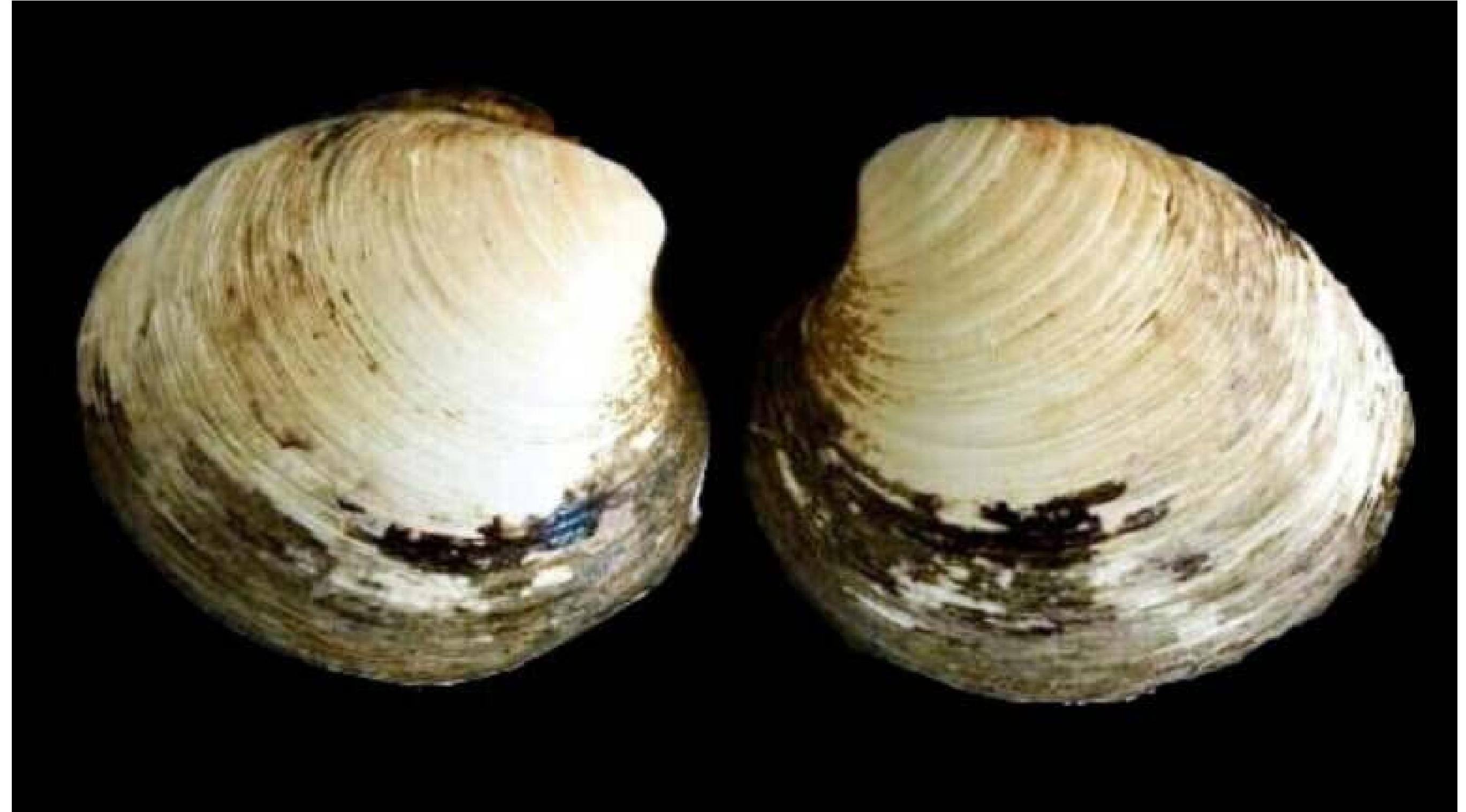
Exerc. 5.1 – Mexilhão



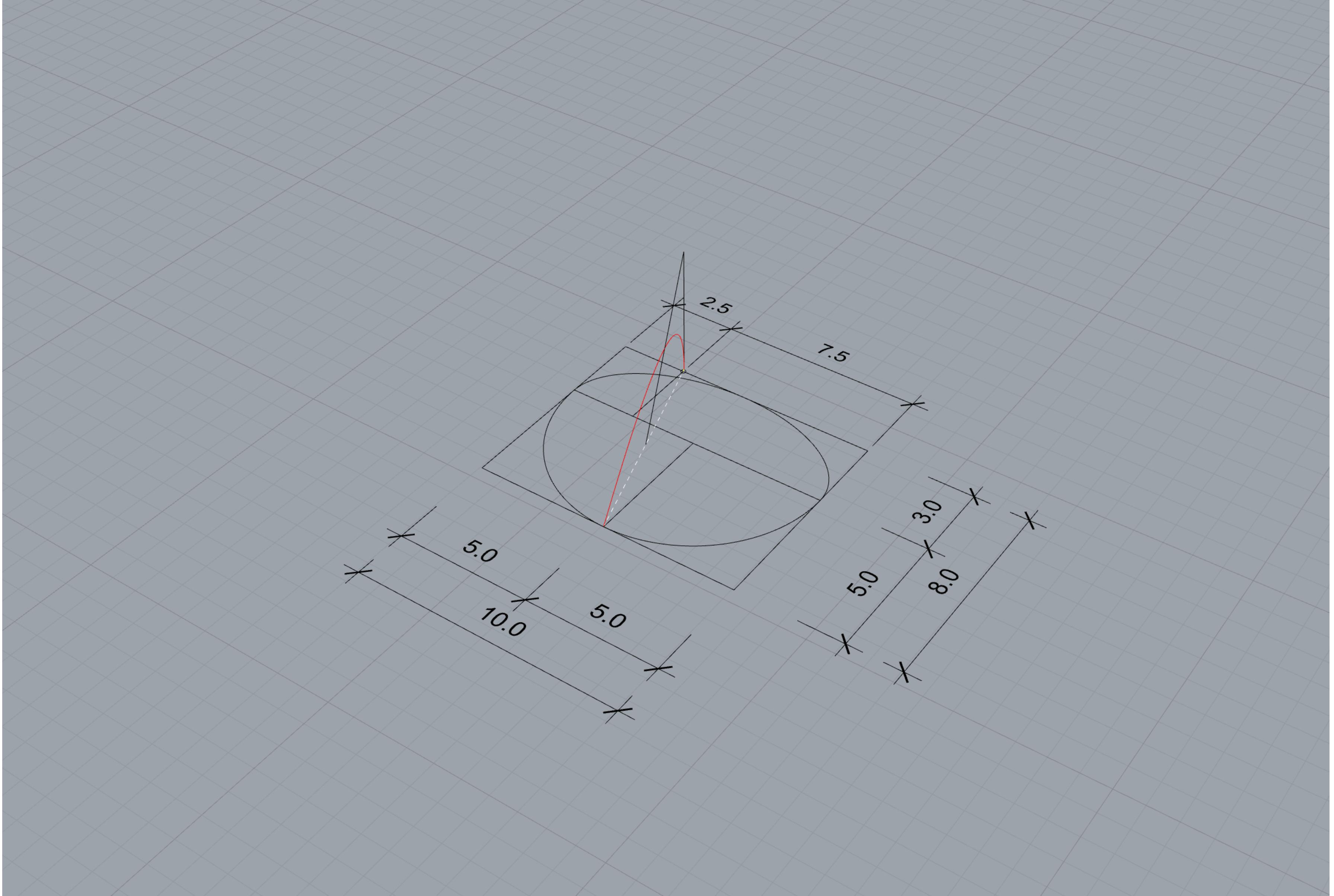
Exerc. 5.1 – Mexilhão



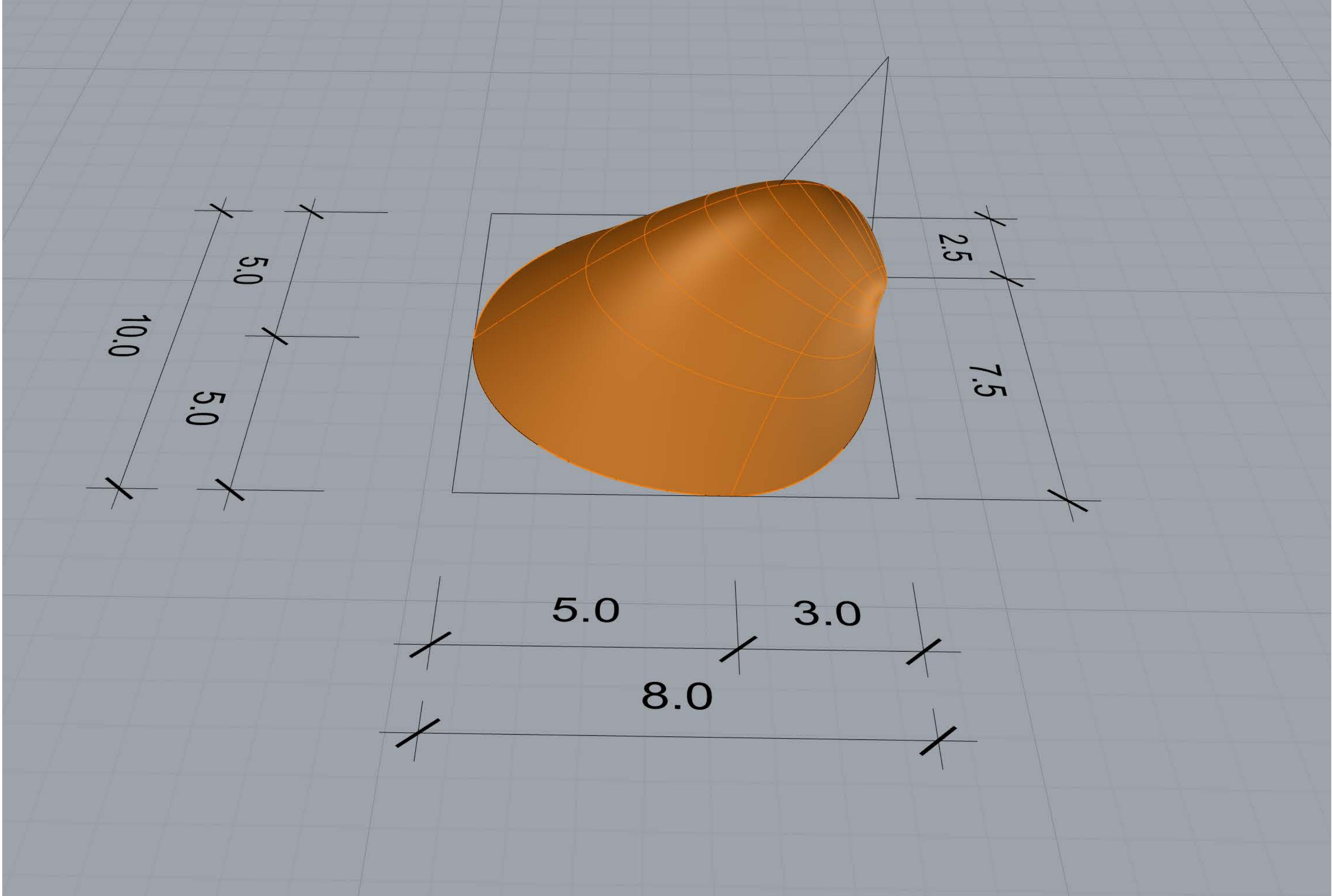
Exerc. 5.1 – Mexilhão



Exerc. 5.2 – Ameijoa



Exerc. 5.2 – Ameijoa



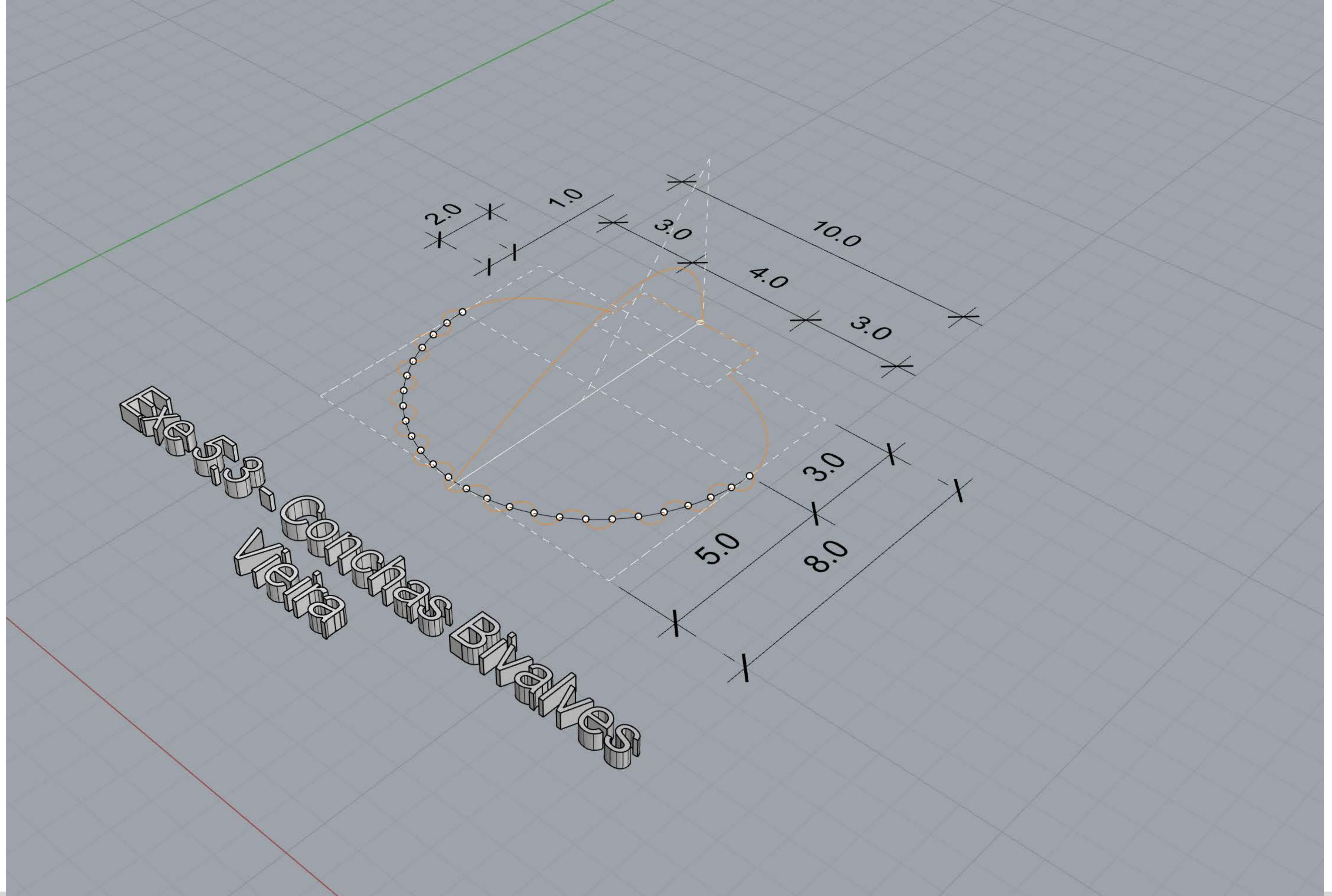
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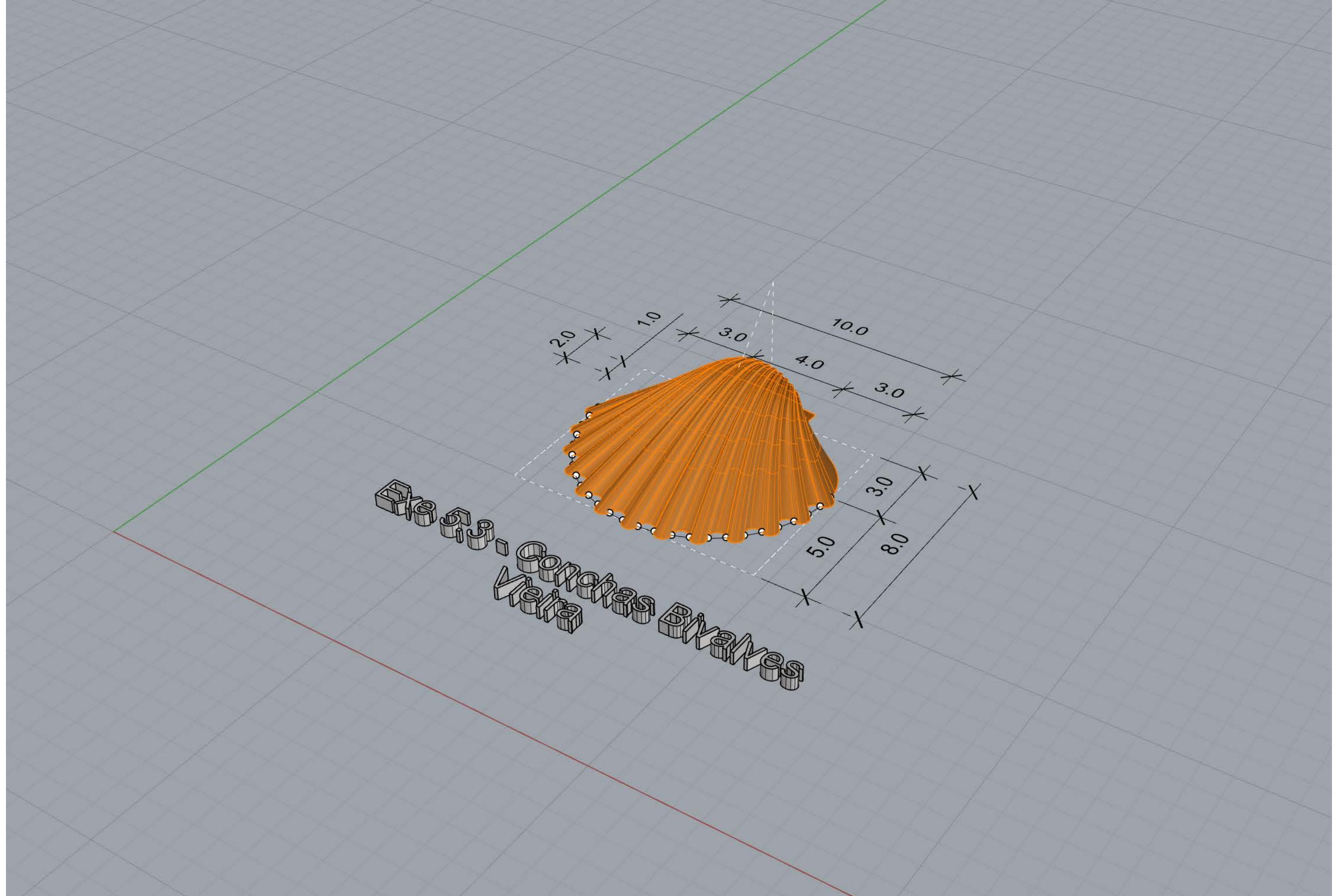
Exerc. 5.2 – Ameijoa



Exerc. 5.3 – Vieira



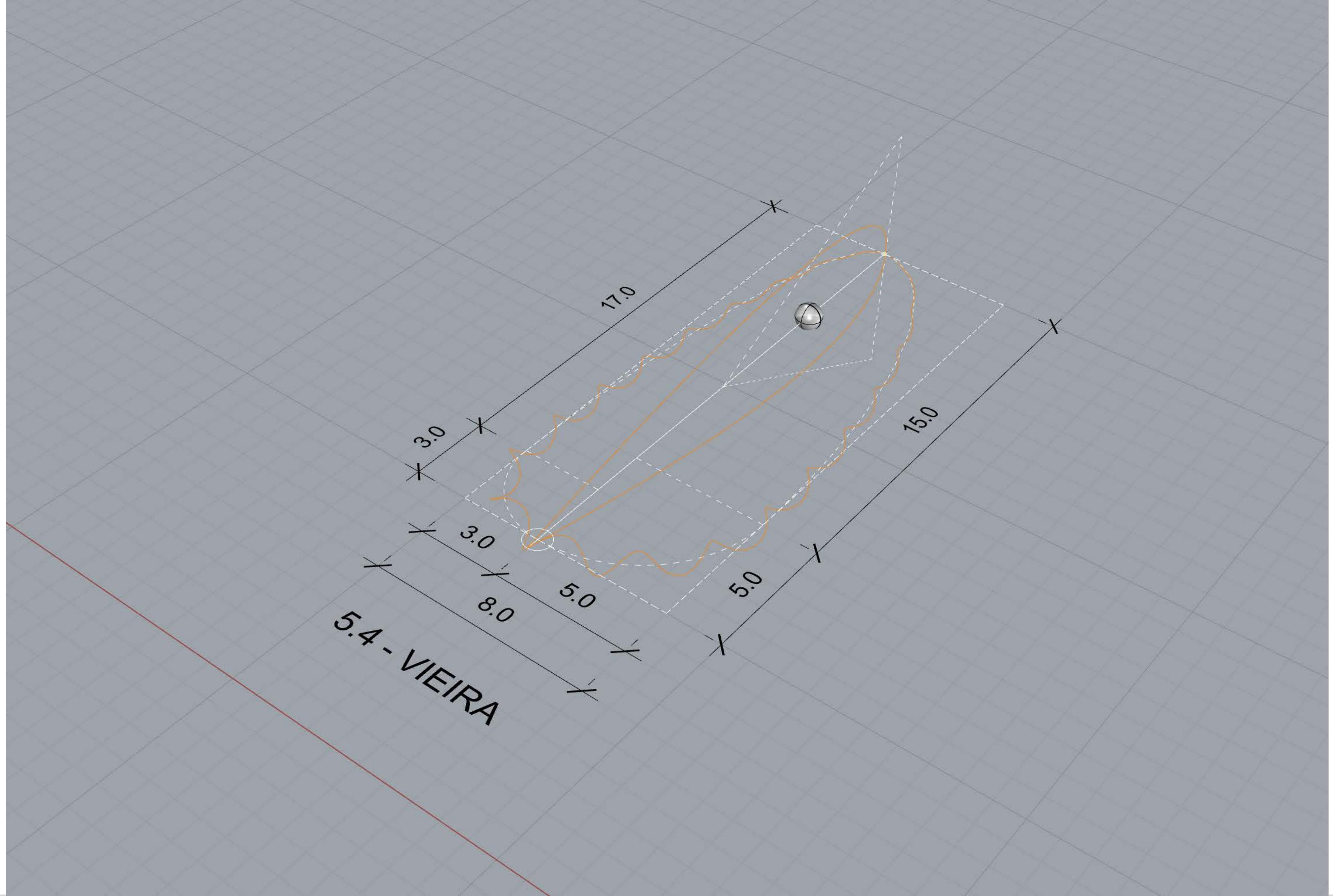
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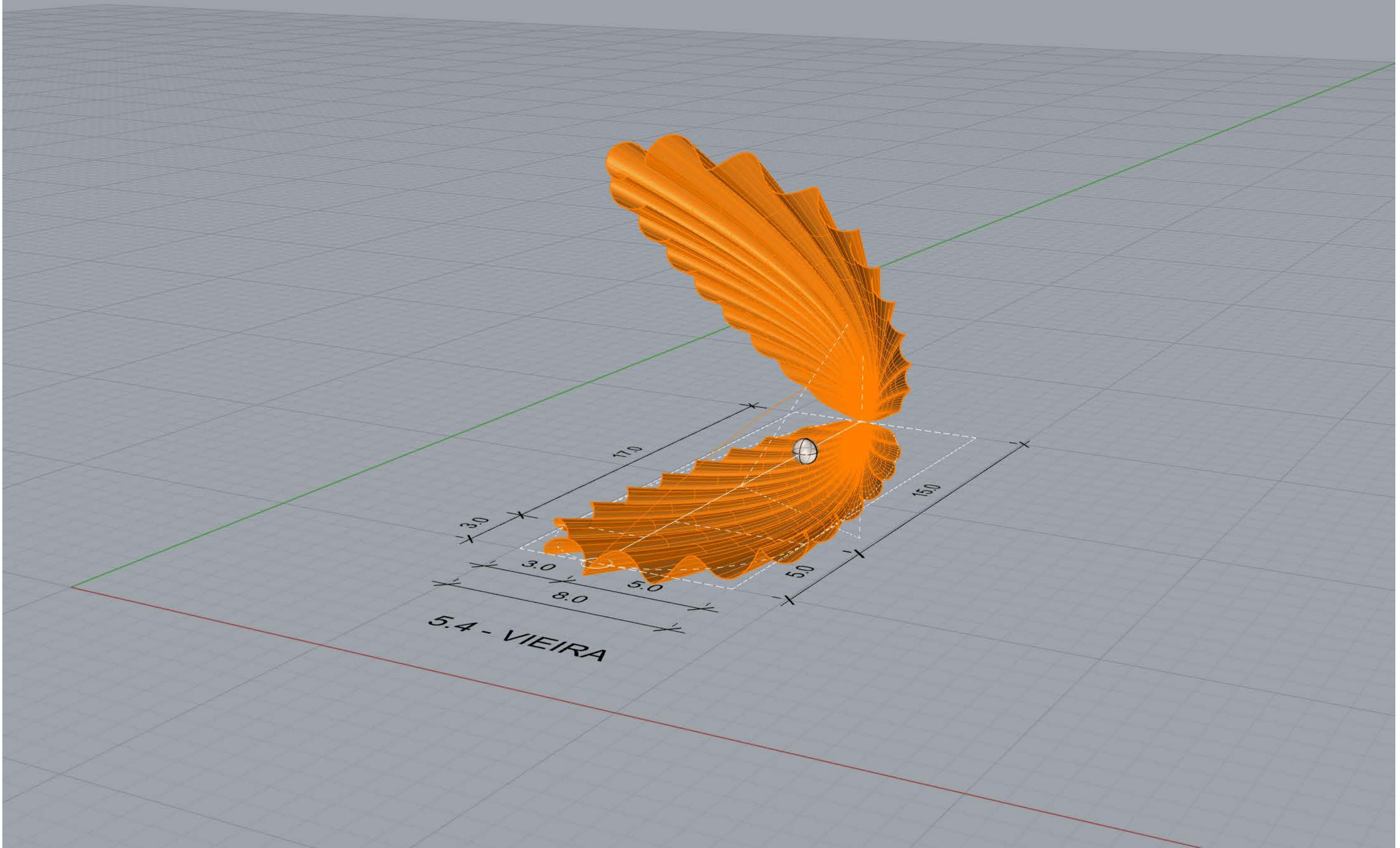
Exerc. 5.3 – Vieira



Exerc. 5.4 – Ostra



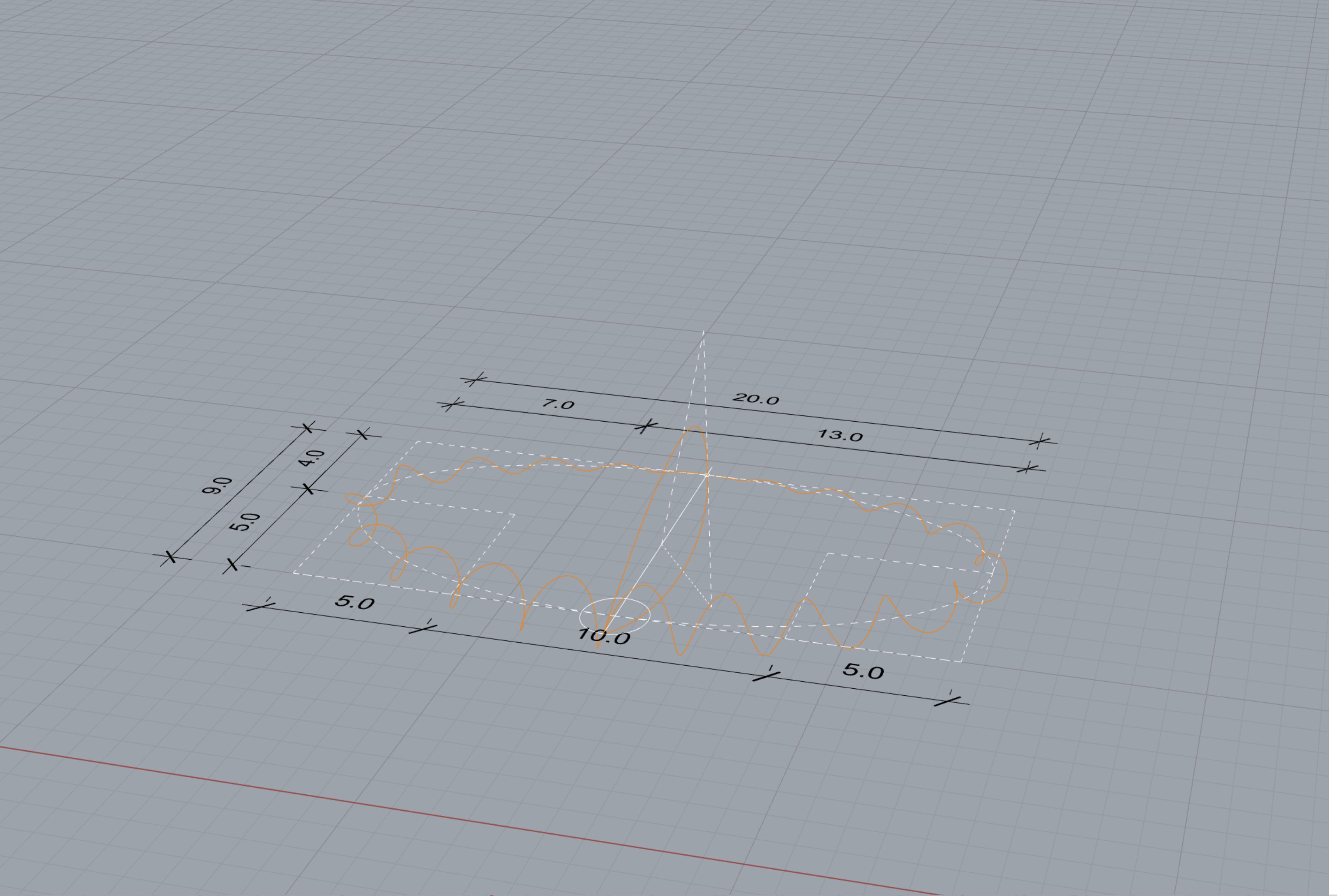
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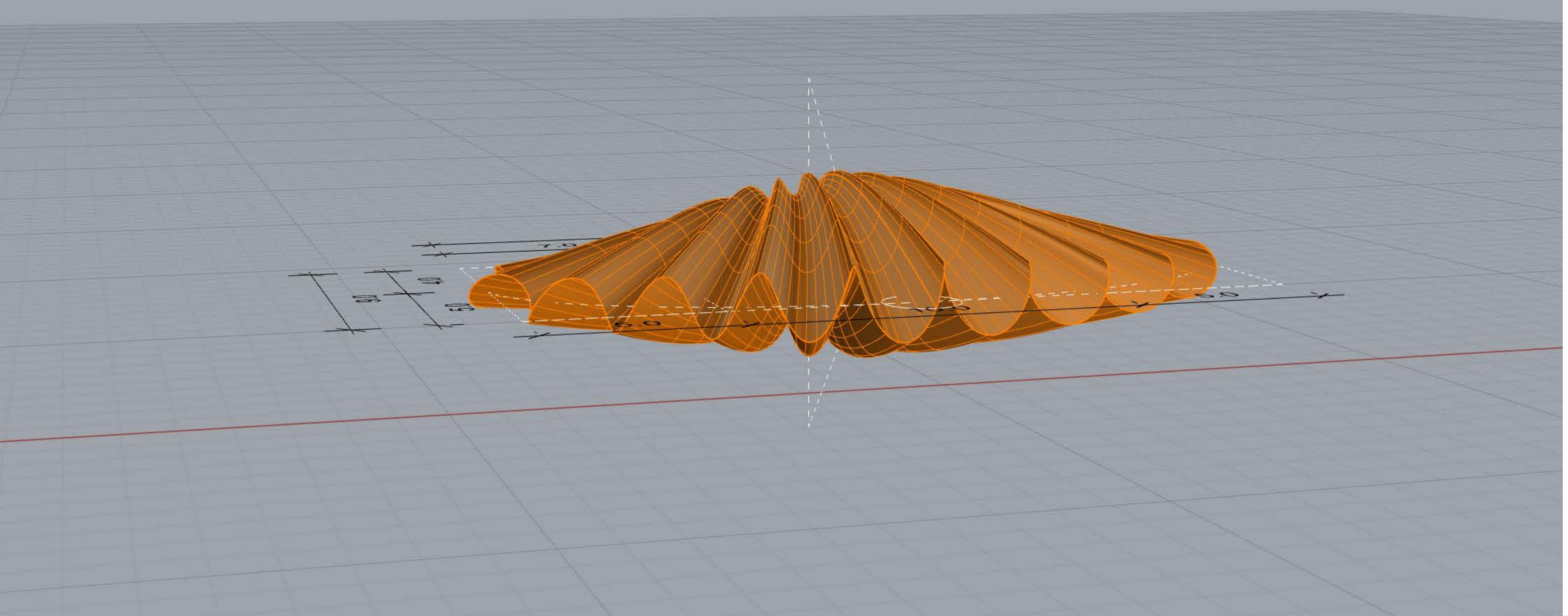
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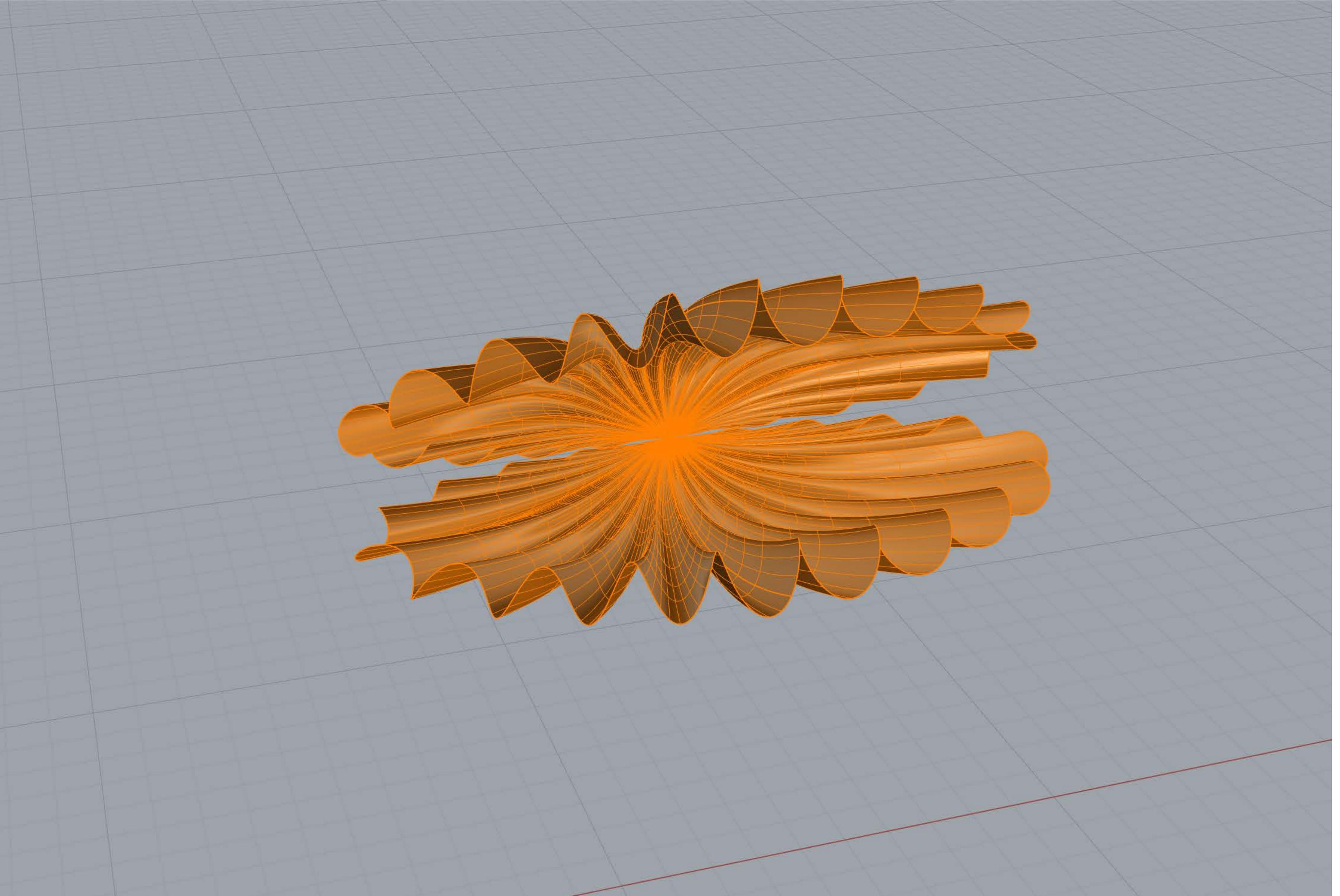
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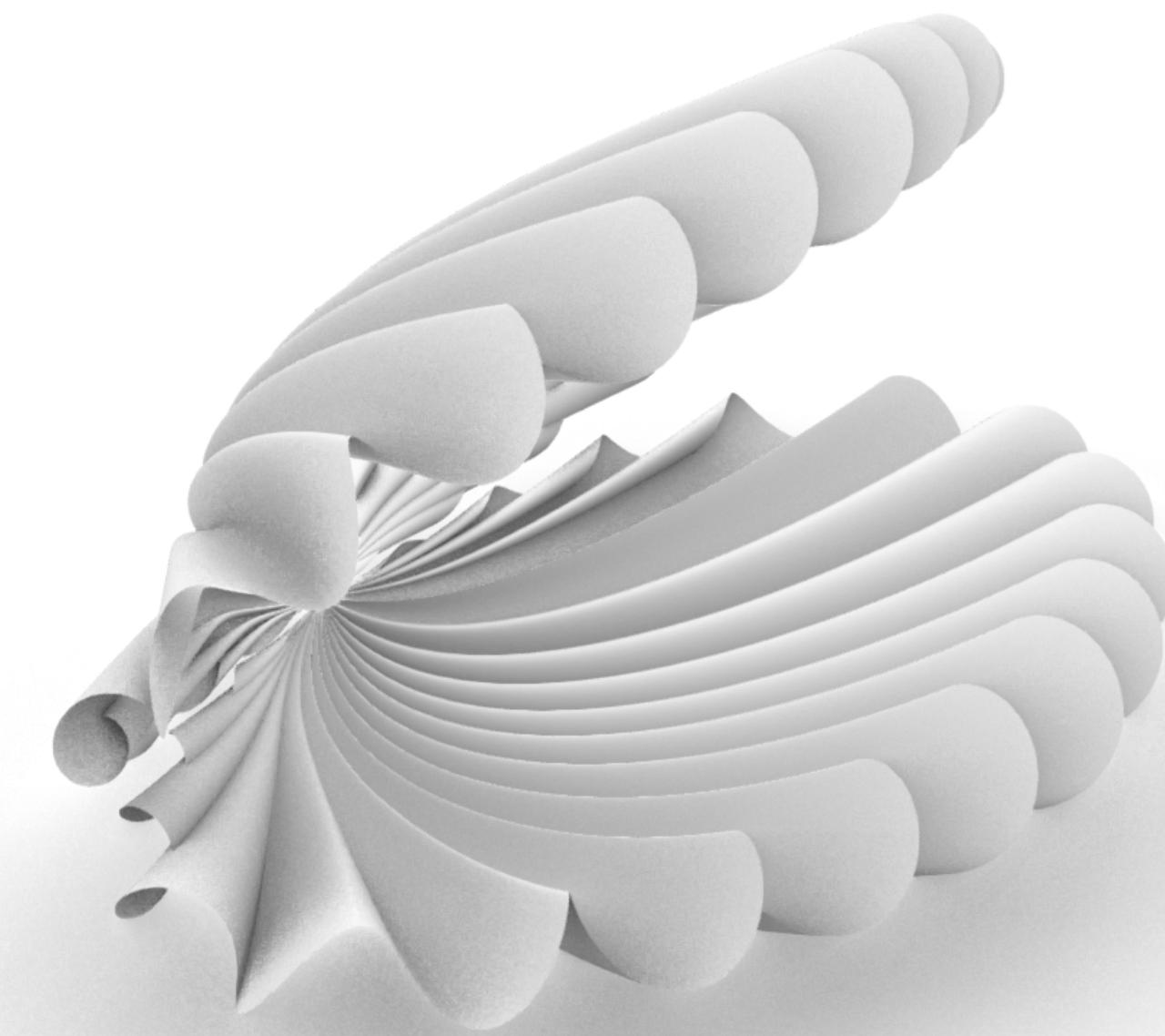
Exerc. 5.5 – Ostra



Exerc. 5.5

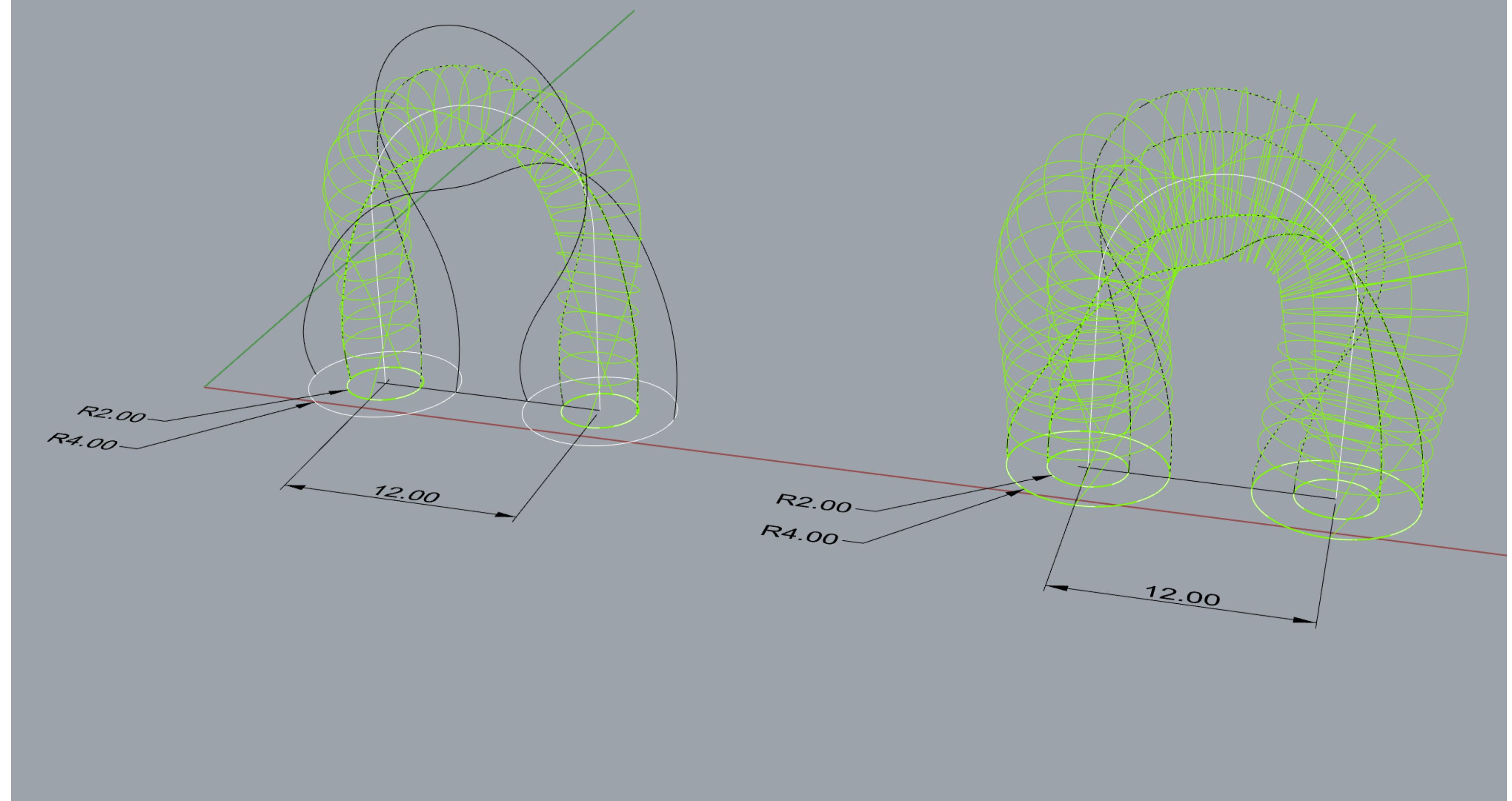


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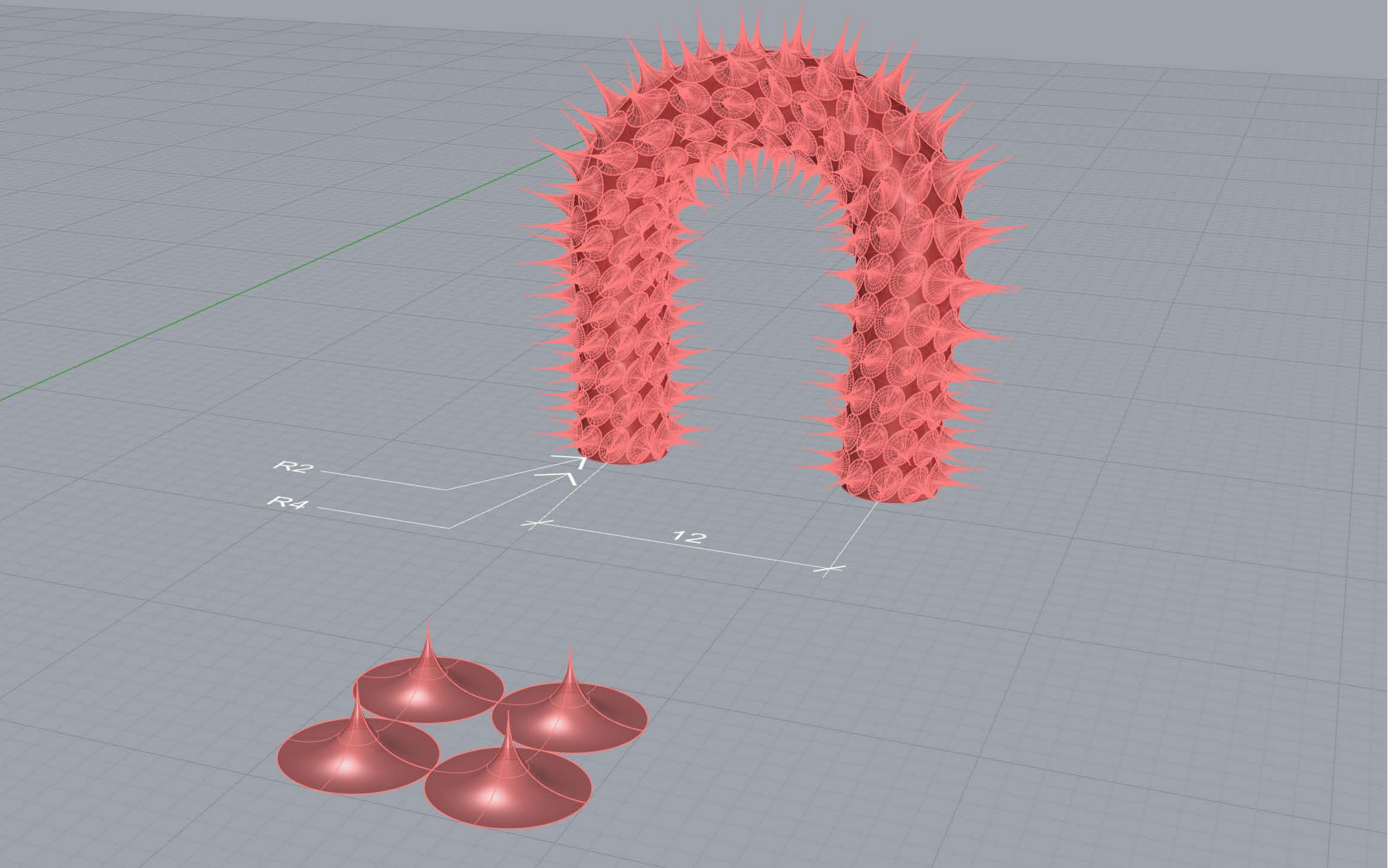


Exerc. 5.5

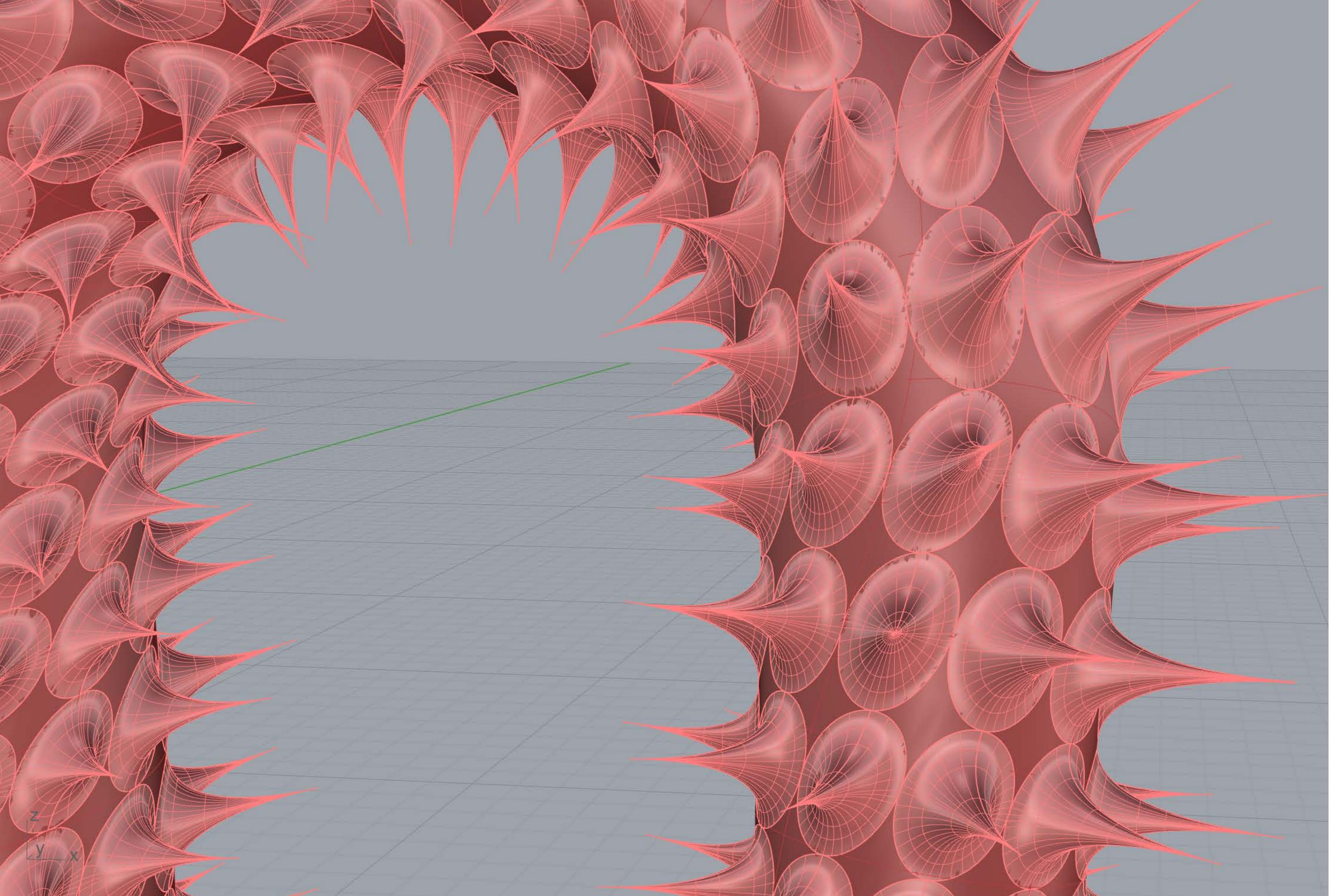
Exerc. 6 – Corais



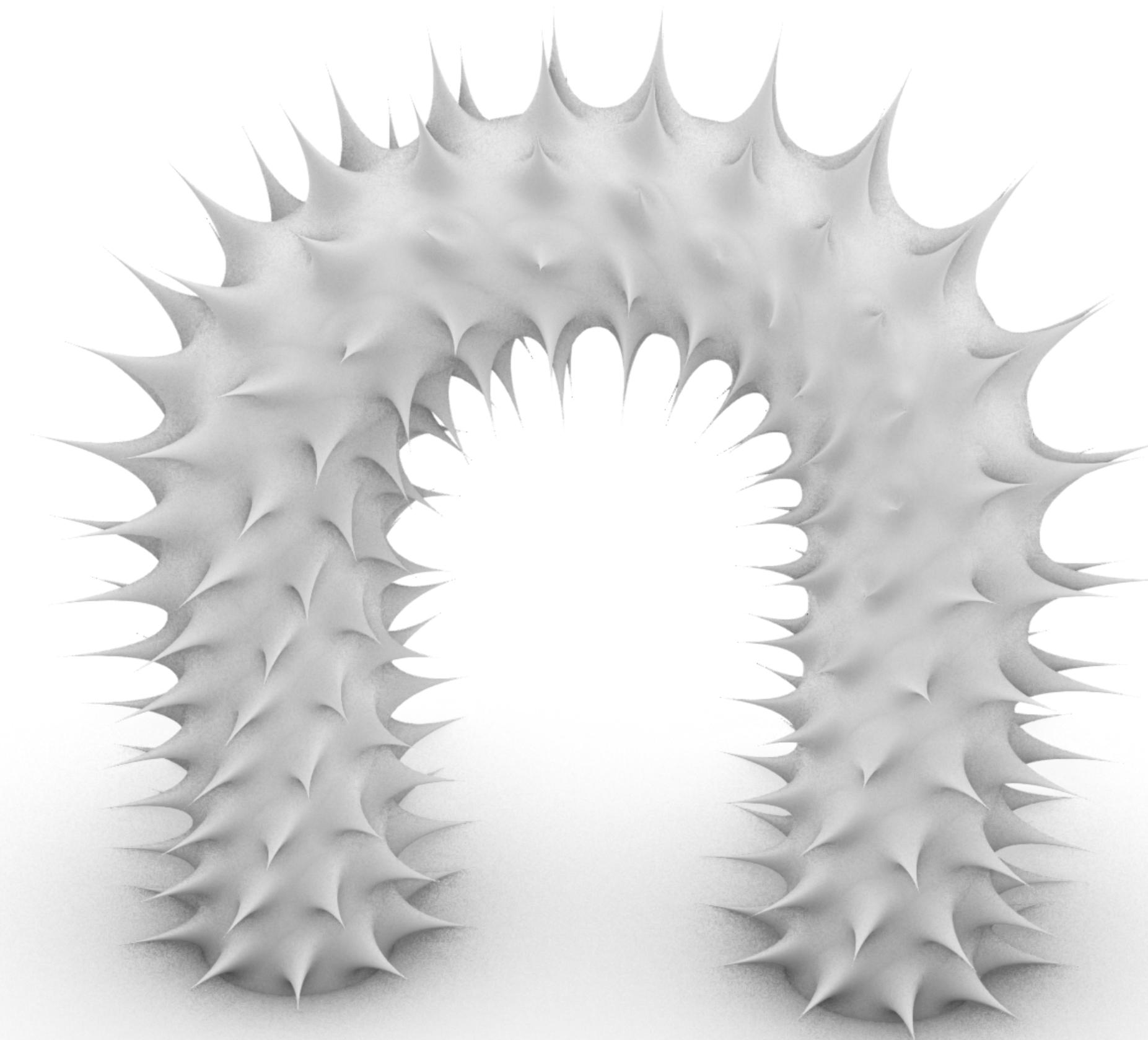
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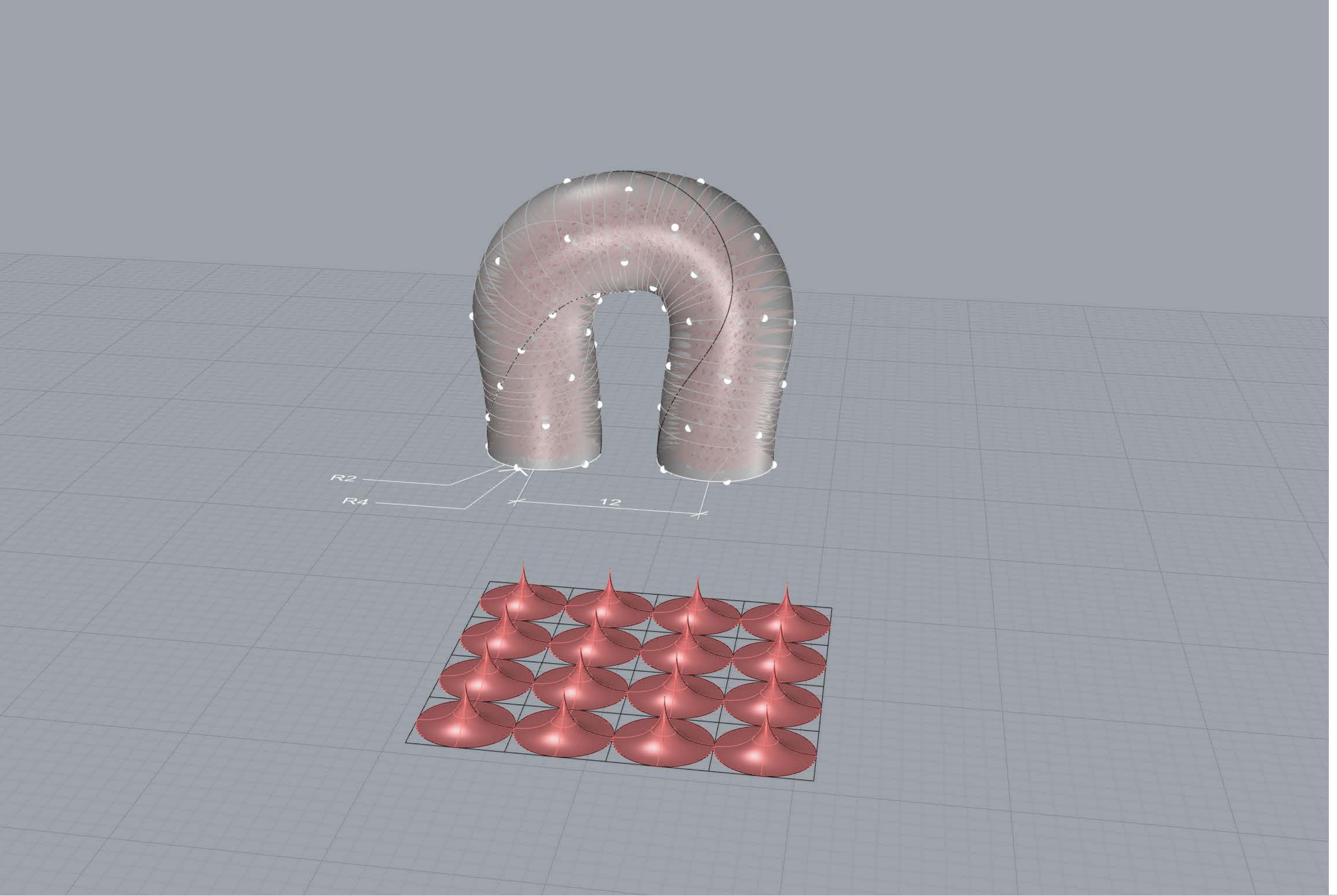
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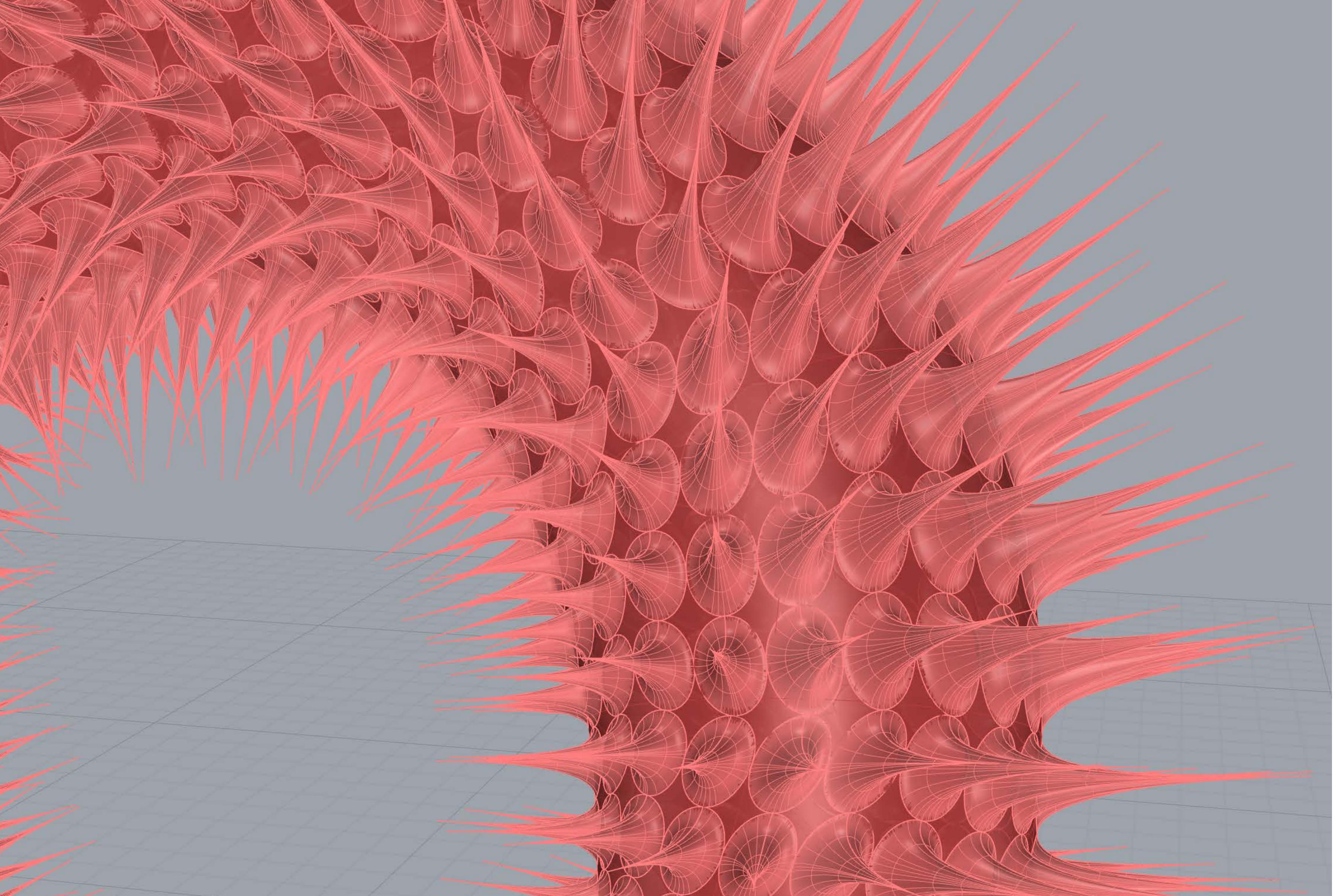
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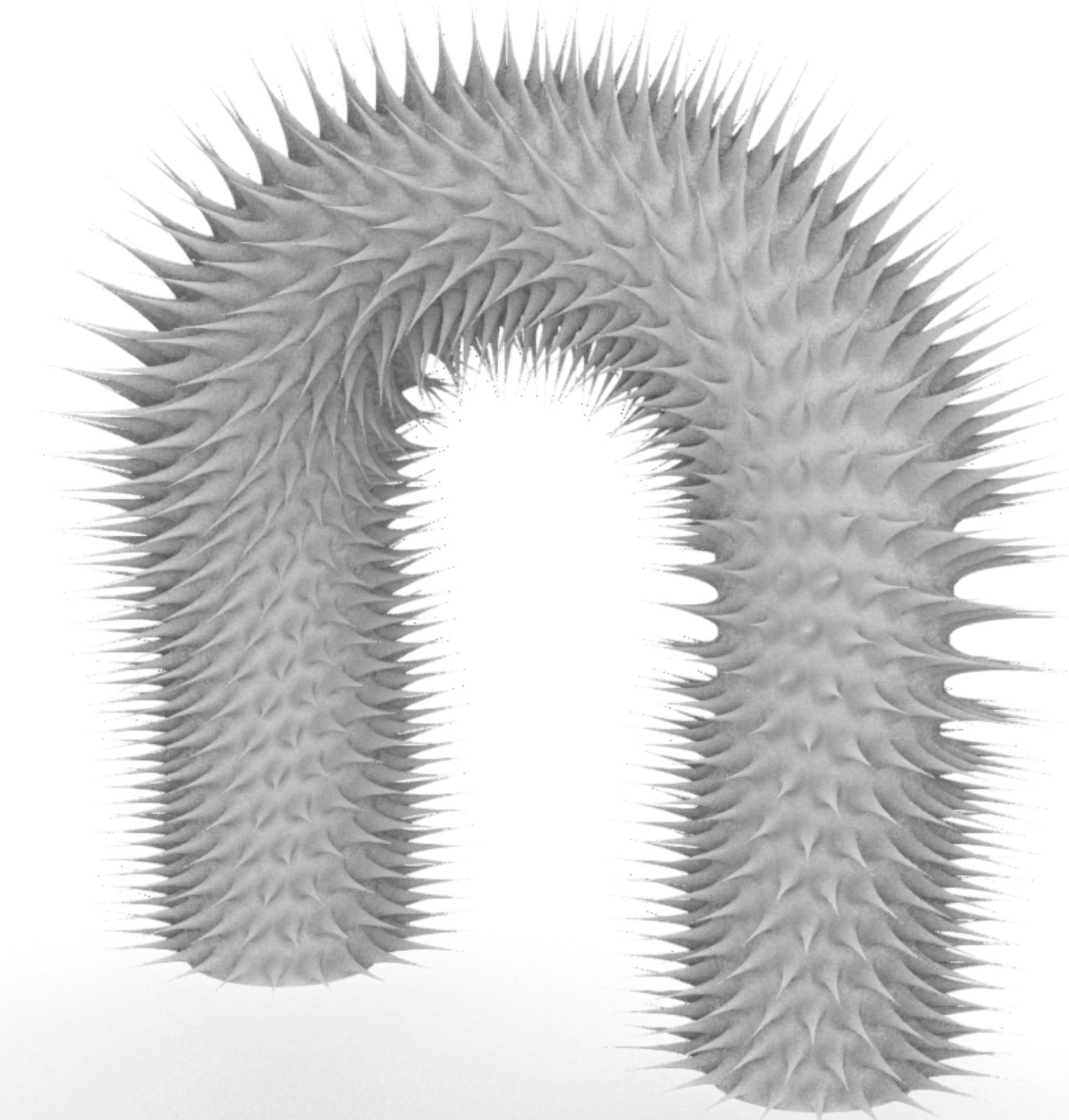
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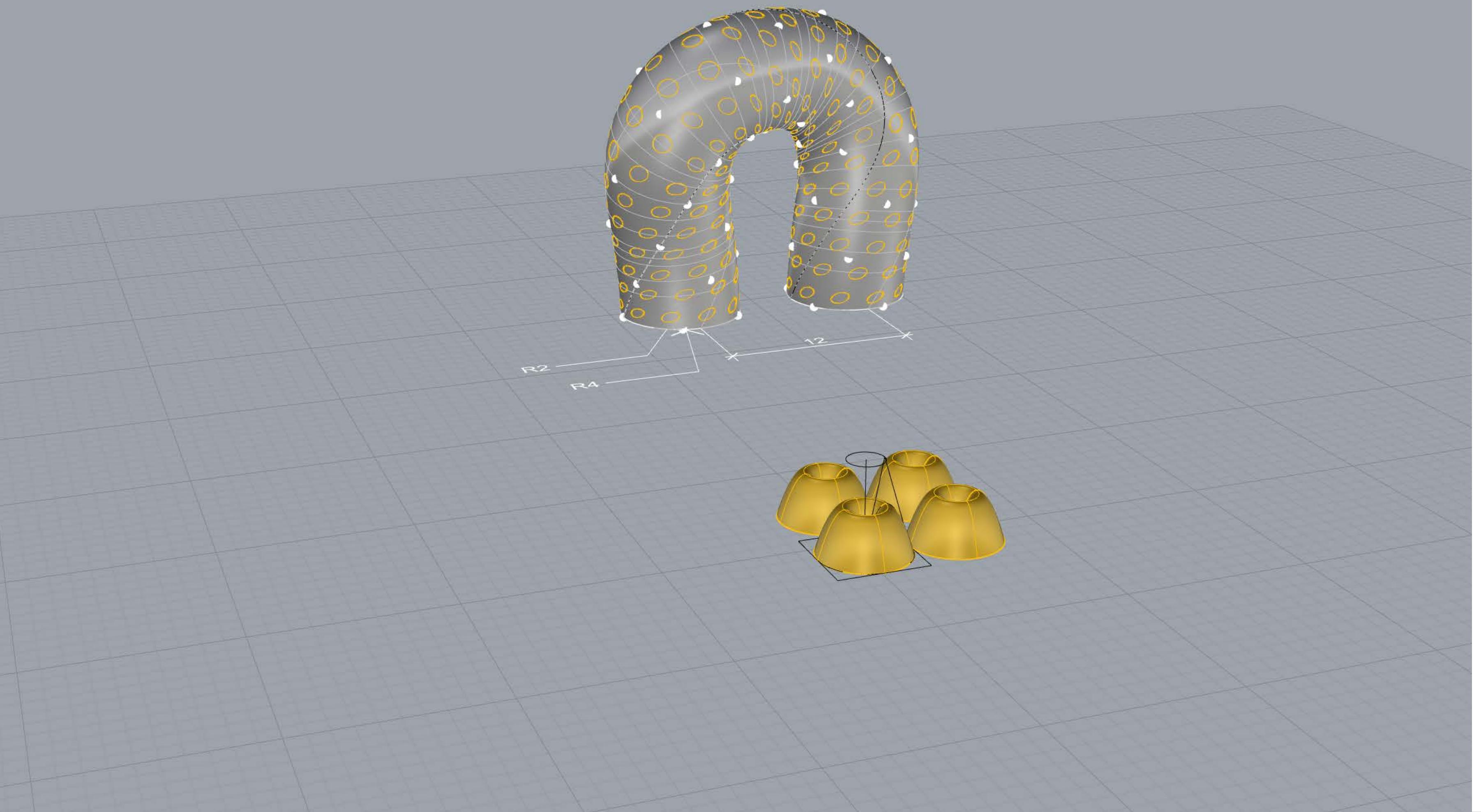
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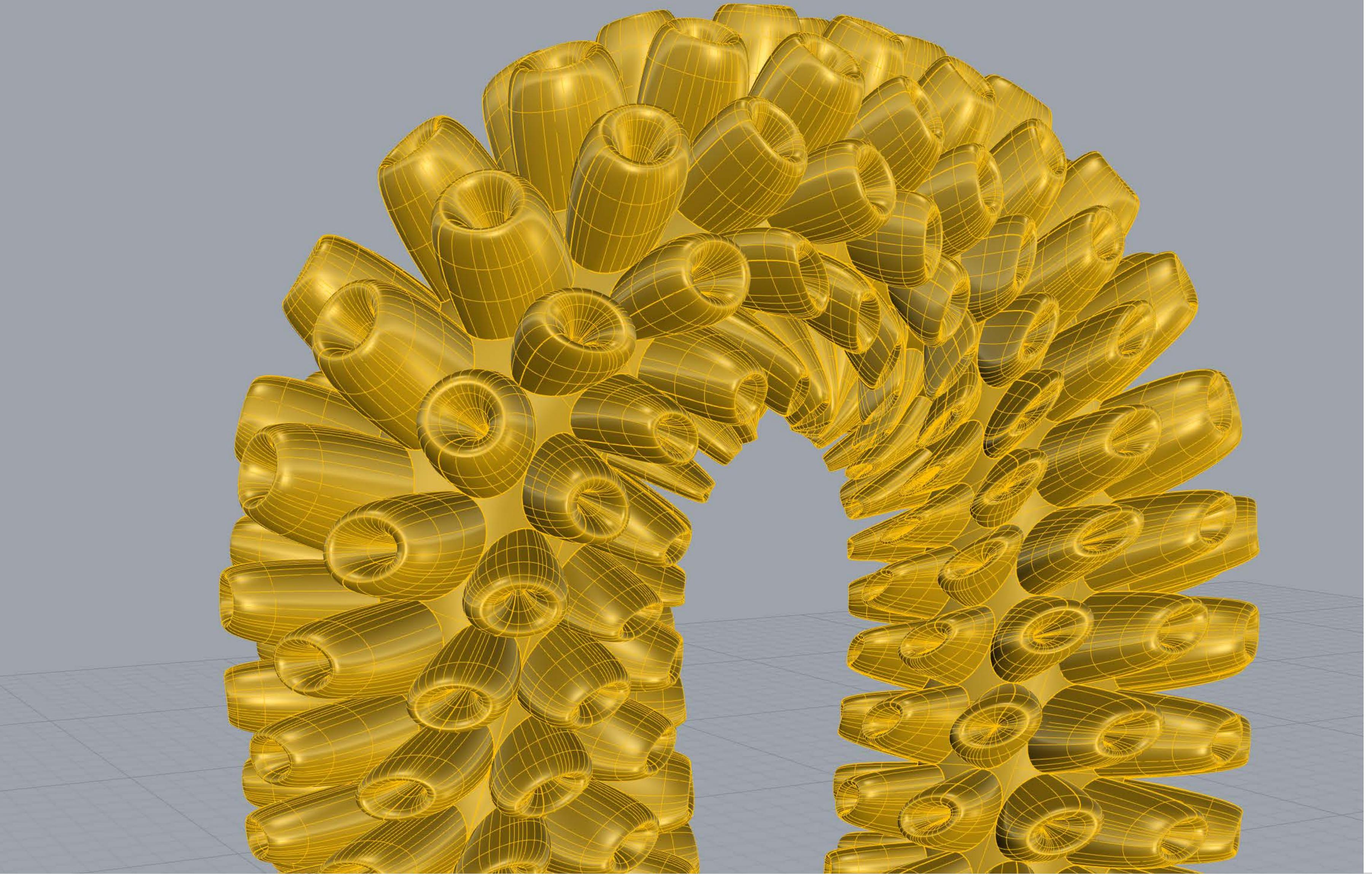
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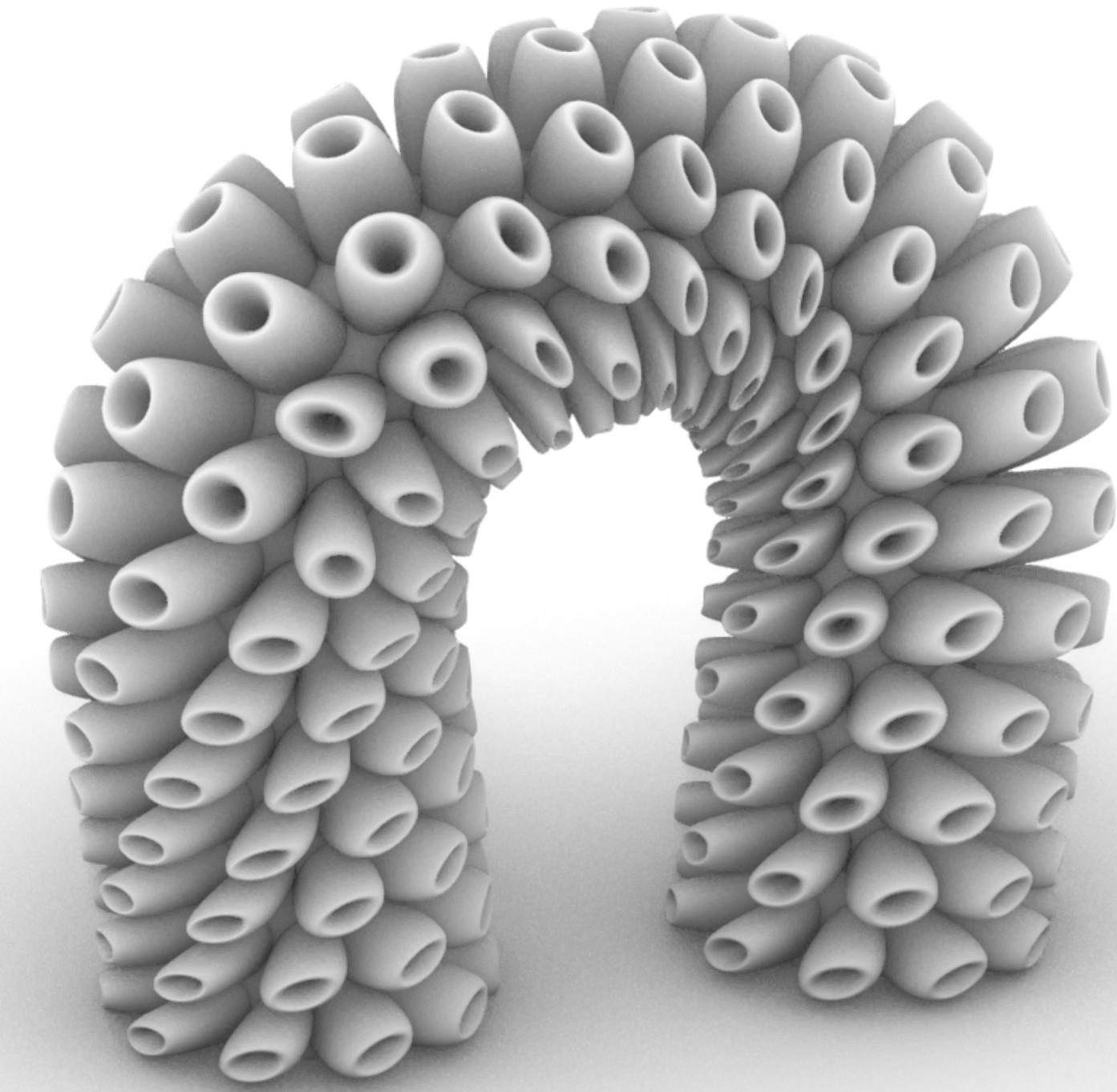
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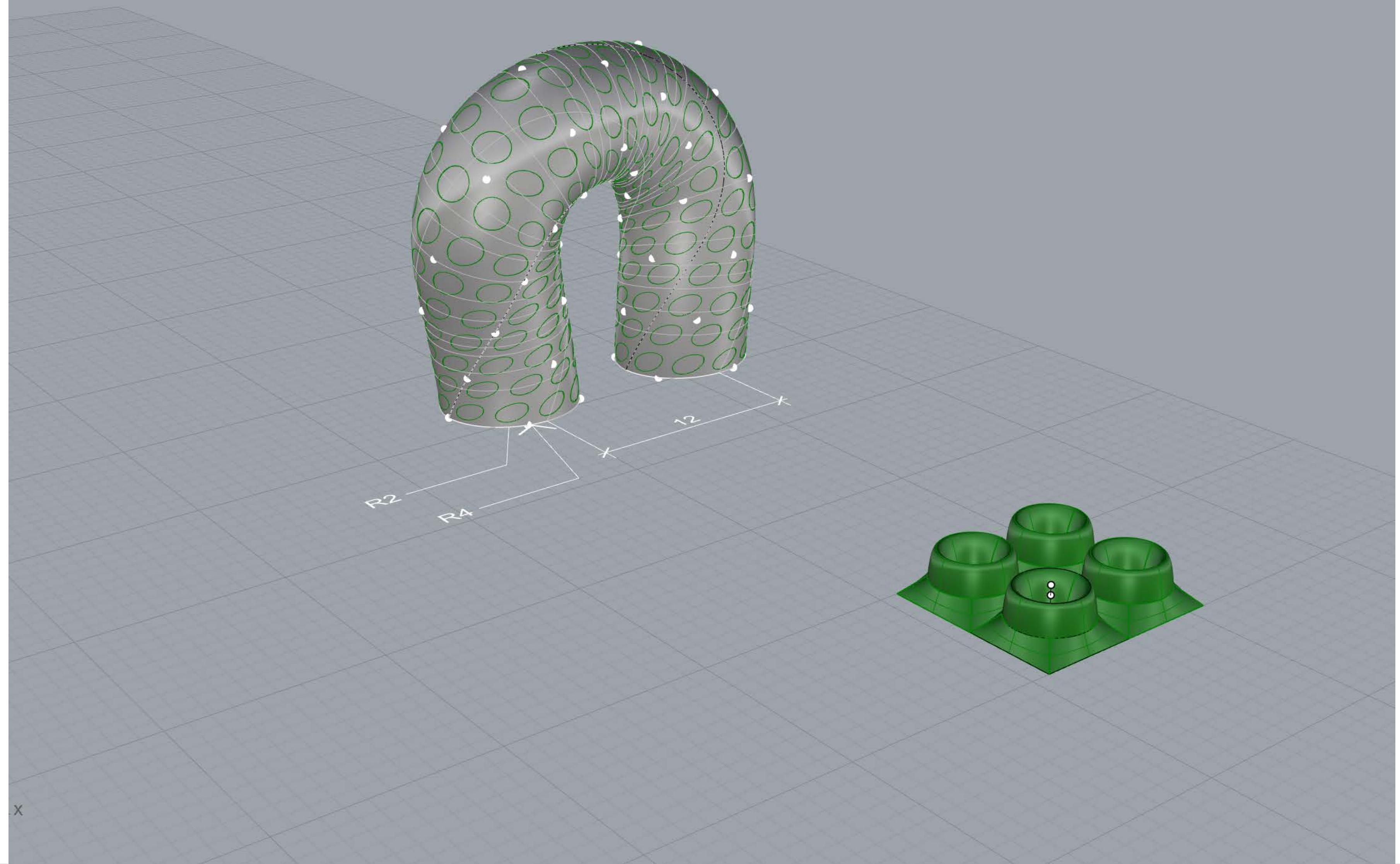
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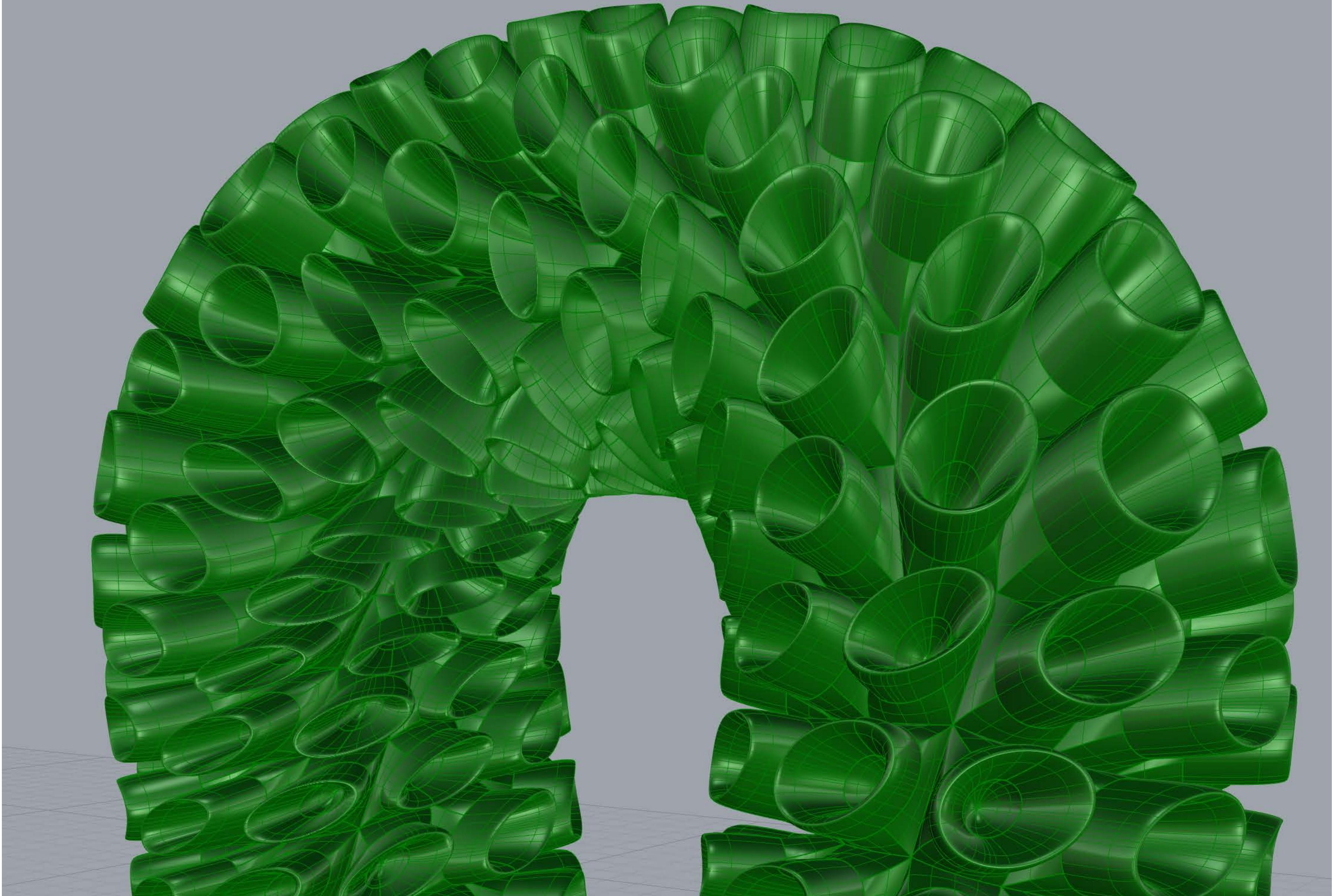
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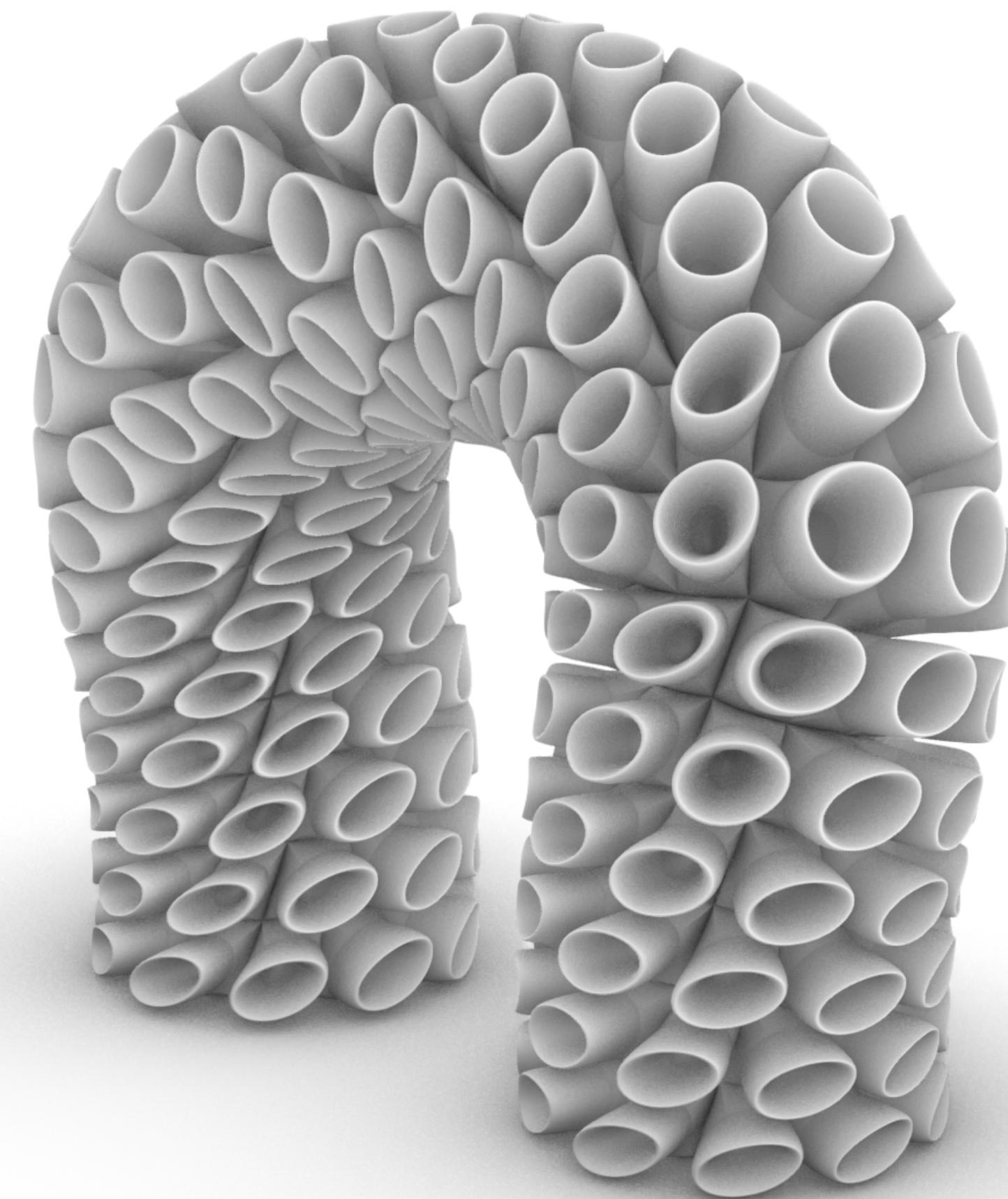
Exerc. 6.3 – Corais



Exerc. 6.4 – Corais



Exerc. 6.4 – Corais



Exerc. 6.4 – Corais