

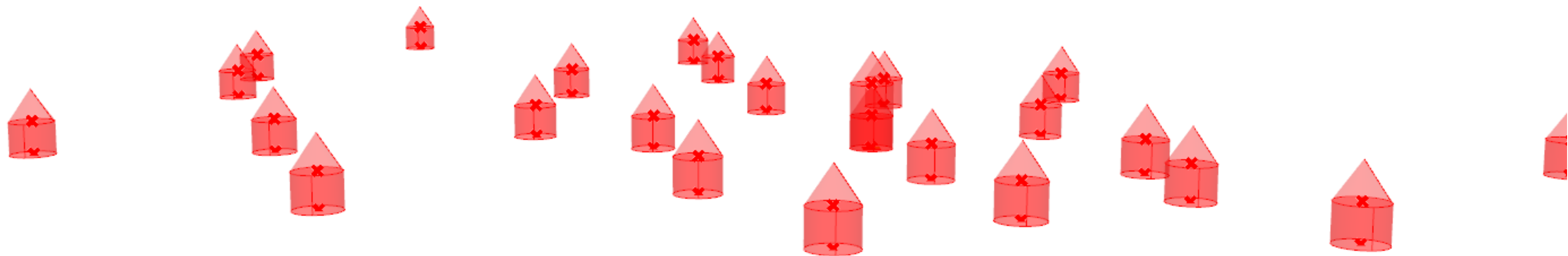
MODELAÇÃO GEOMÉTRICA E GENERATIVA



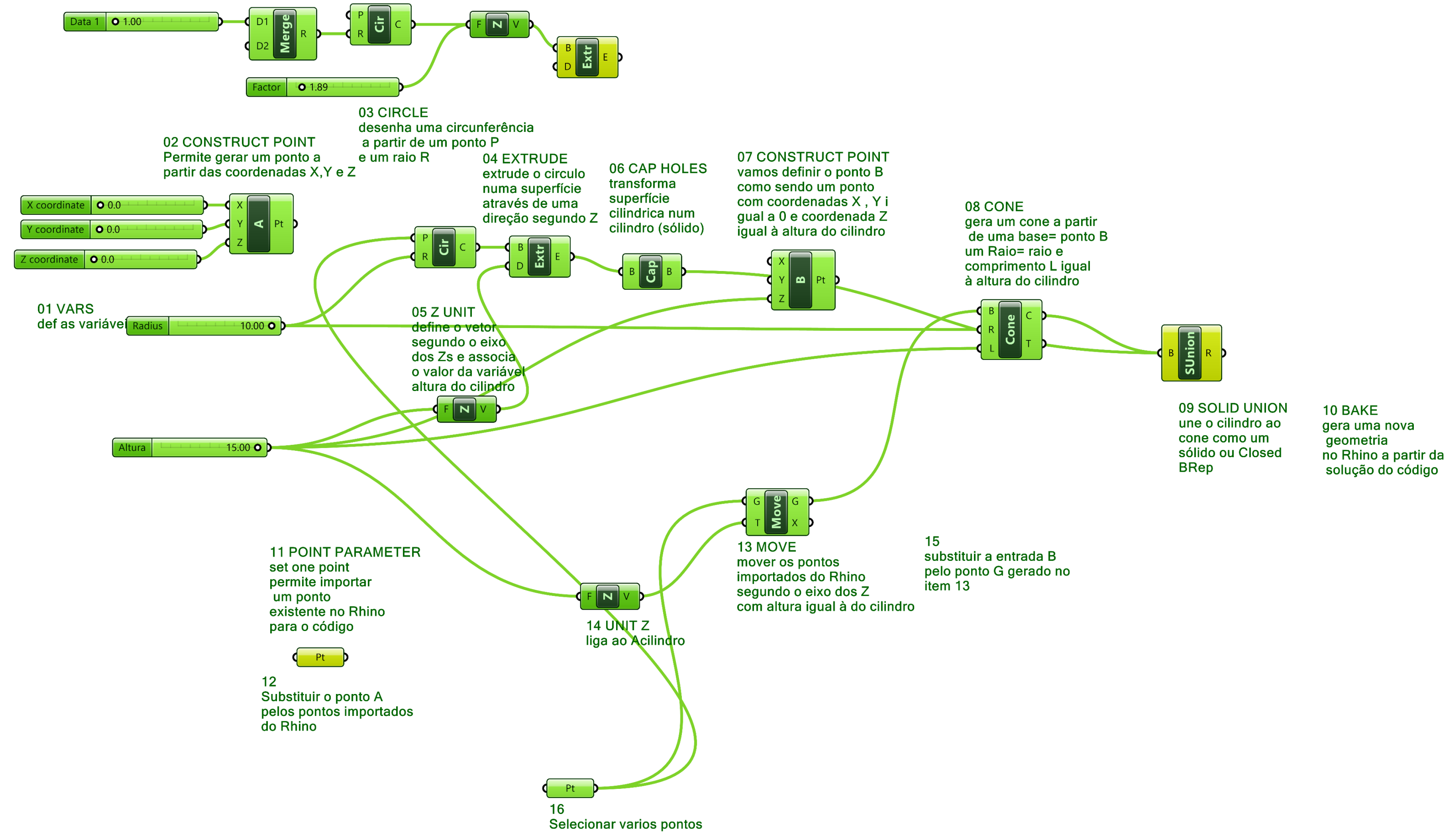
Dylan Regalo Alexandre | 20181016 | 4°F

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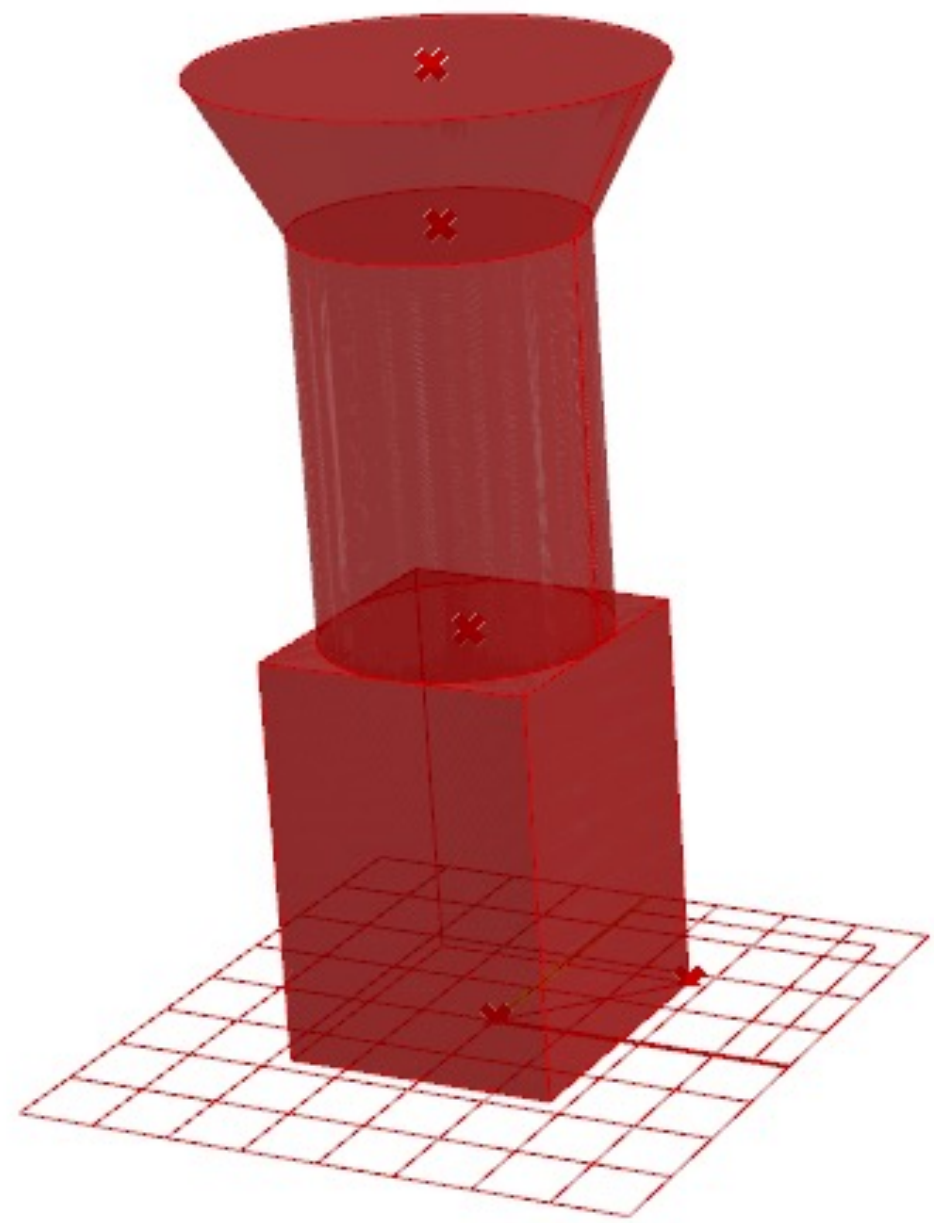
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Exercício 04	p.11 e 12
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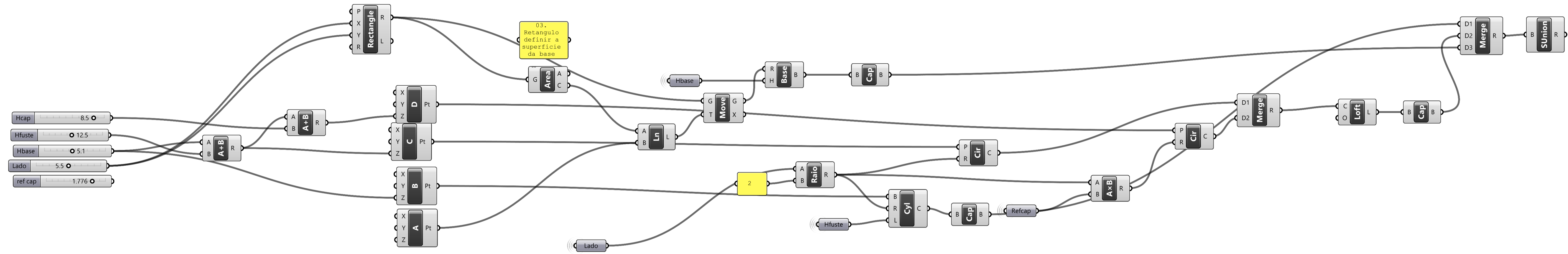
Ex01 - Cabana



Ex01- Cabana



Ex02- Coluna

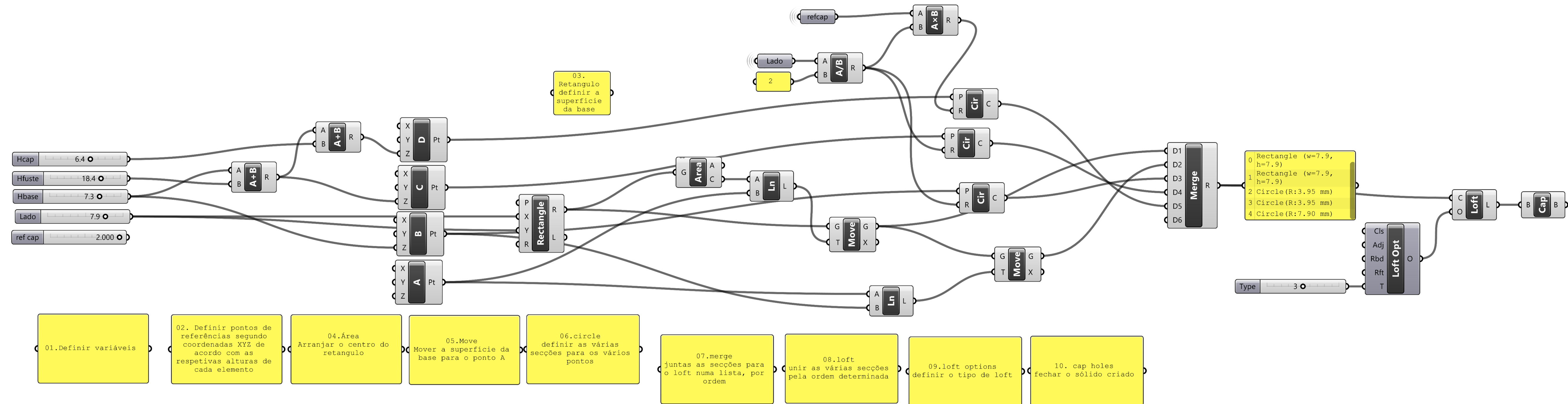


01. Definir variáveis
02. Definir pontos de referências segundo coordenadas XYZ de acordo com as respectivas alturas de cada elemento
03. Retângulo definir a superfície da base
04. Área Arranjar o centro do retângulo
05. Move Mover a superfície da base para o ponto A
06. Boxrec Criar um paralelepípedo a partir do retângulo de uma altura
07. Cylinder criar um cilindro a partir de um ponto de Base: um raio e uma altura
08. Circle definir o círculo de base para o capitel, segundo um ponto de base (pt C) e um Raio
09. Loft criar a superfície entre as duas curvas
10. solid union unir os sólidos das diferentes superfícies

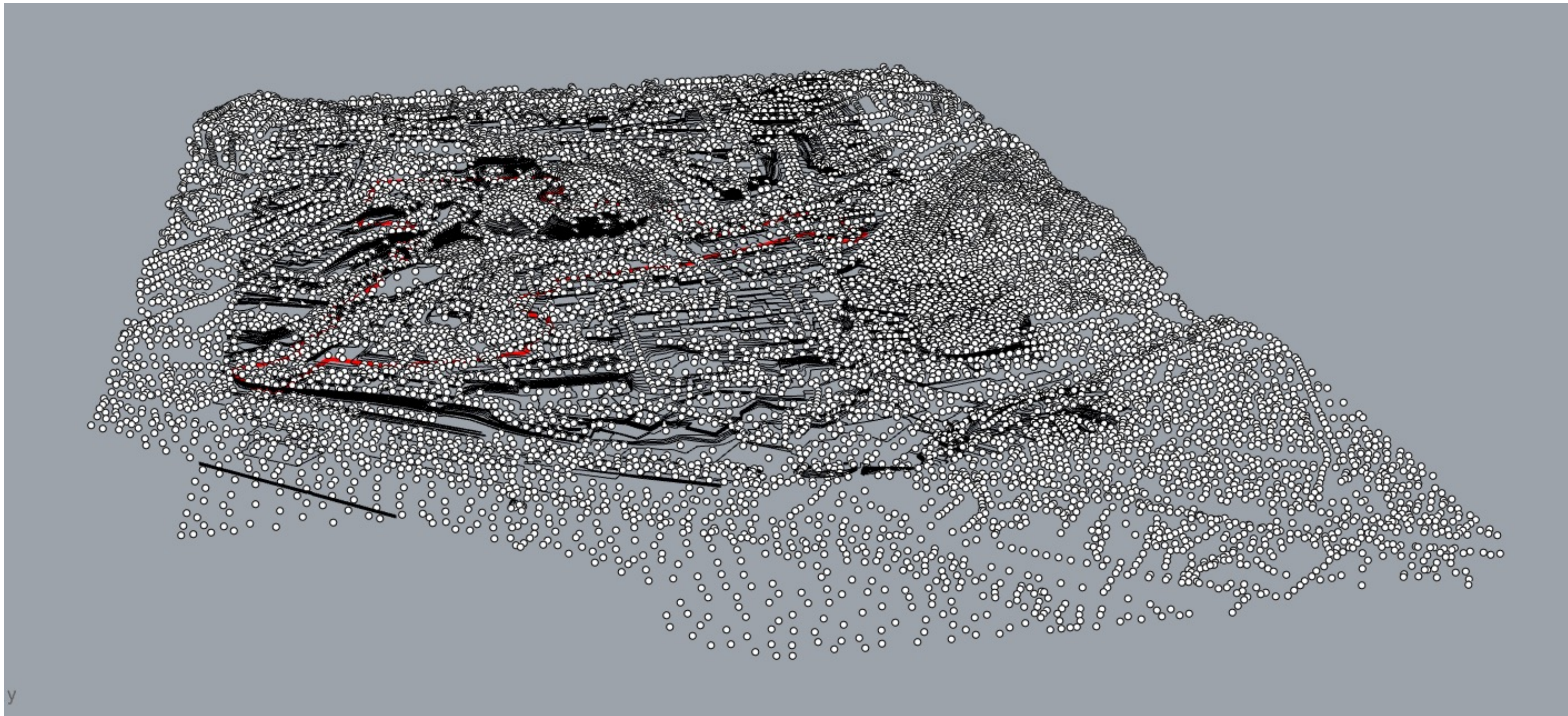
Ex02- Coluna



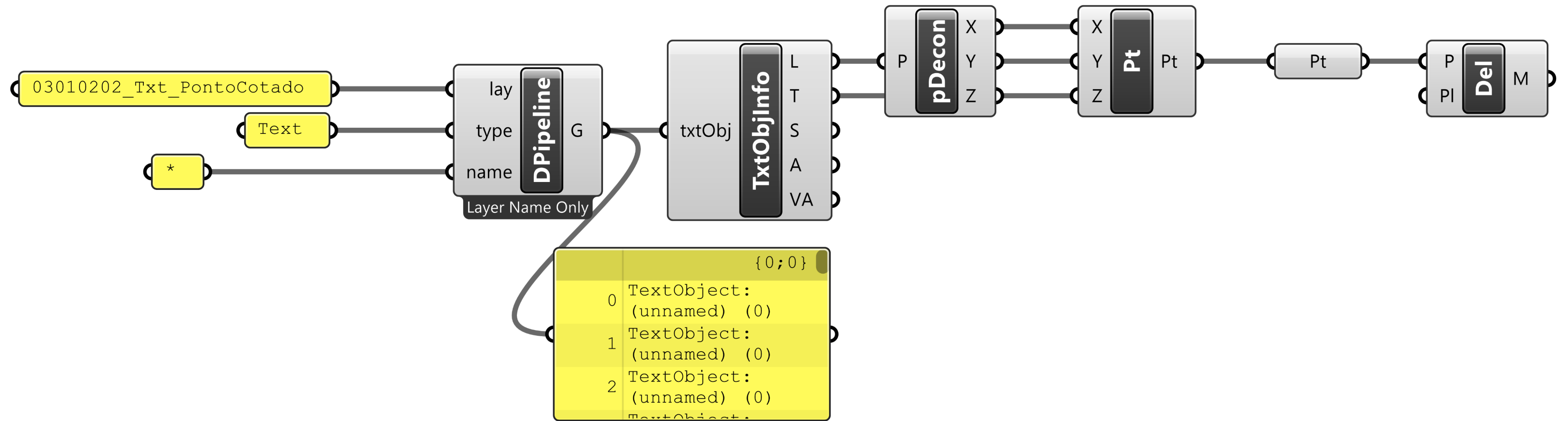
Ex02.1- Coluna



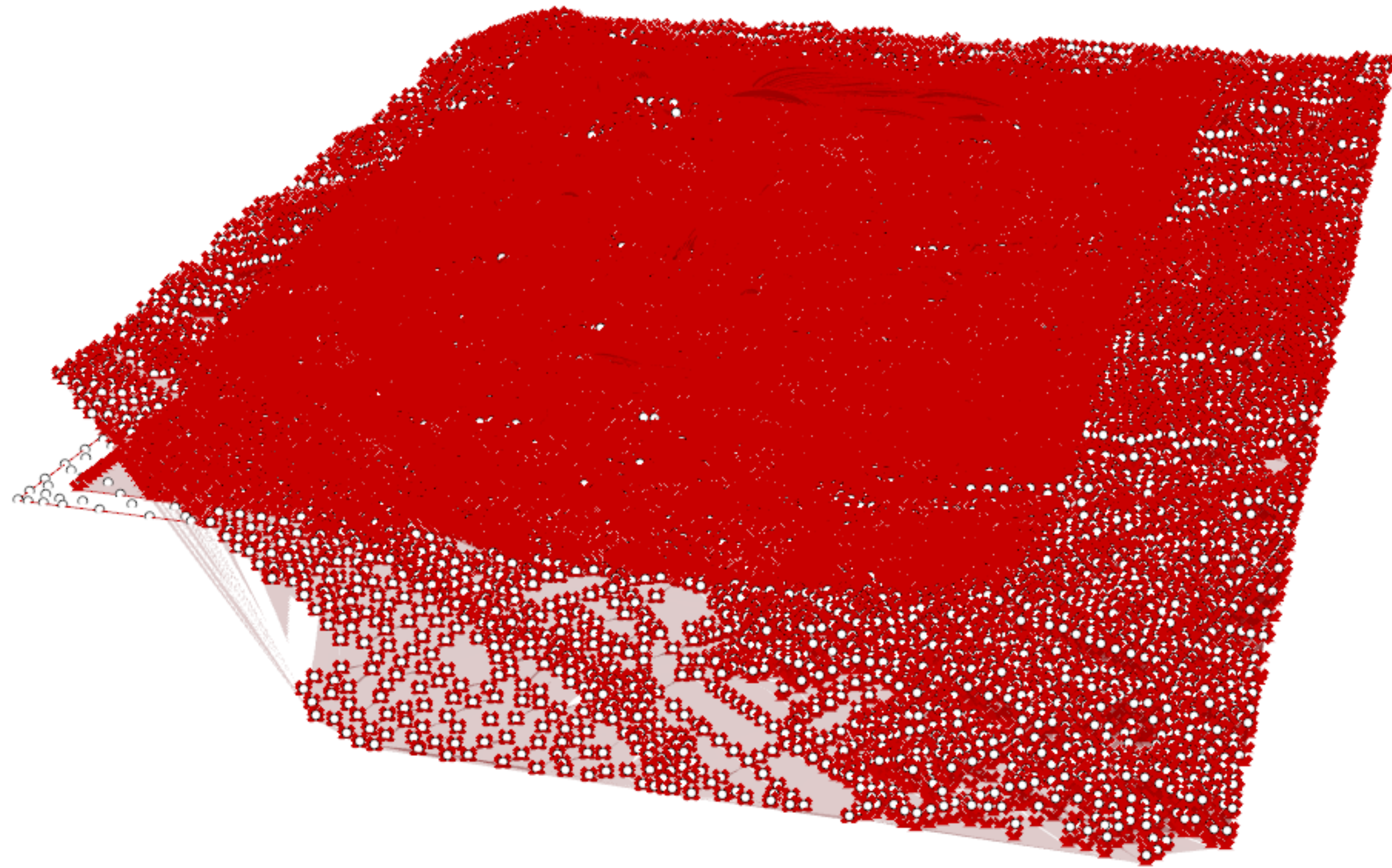
Ex02.1- Coluna



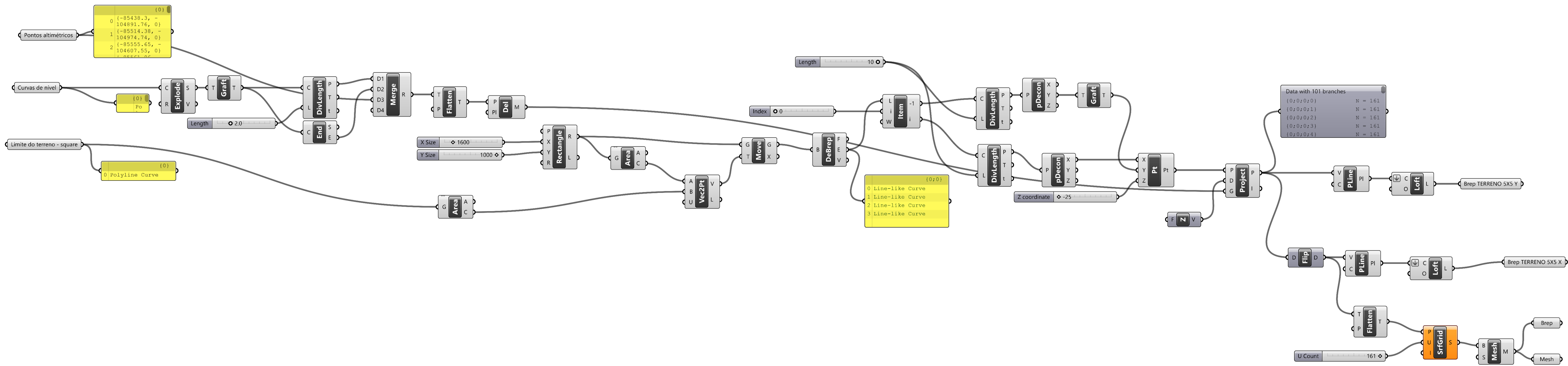
Ex03- Pontos Cotados



Ex03- Pontos Cotados



Ex04-Terreno



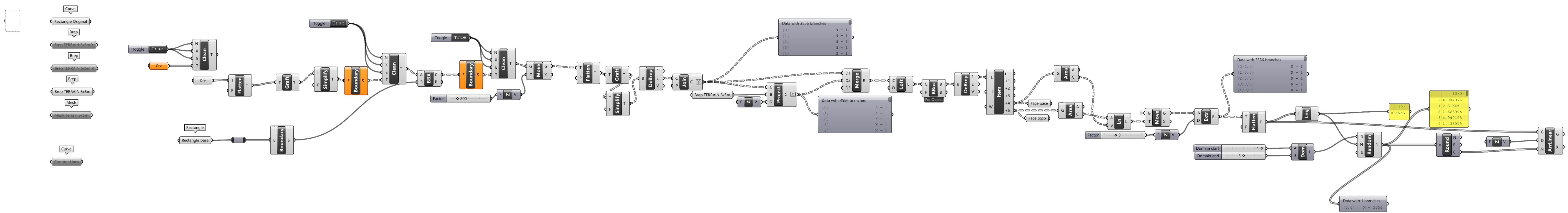
Ex04-Terreno



Ex05-Mapear Terreno com Imagem Satélite



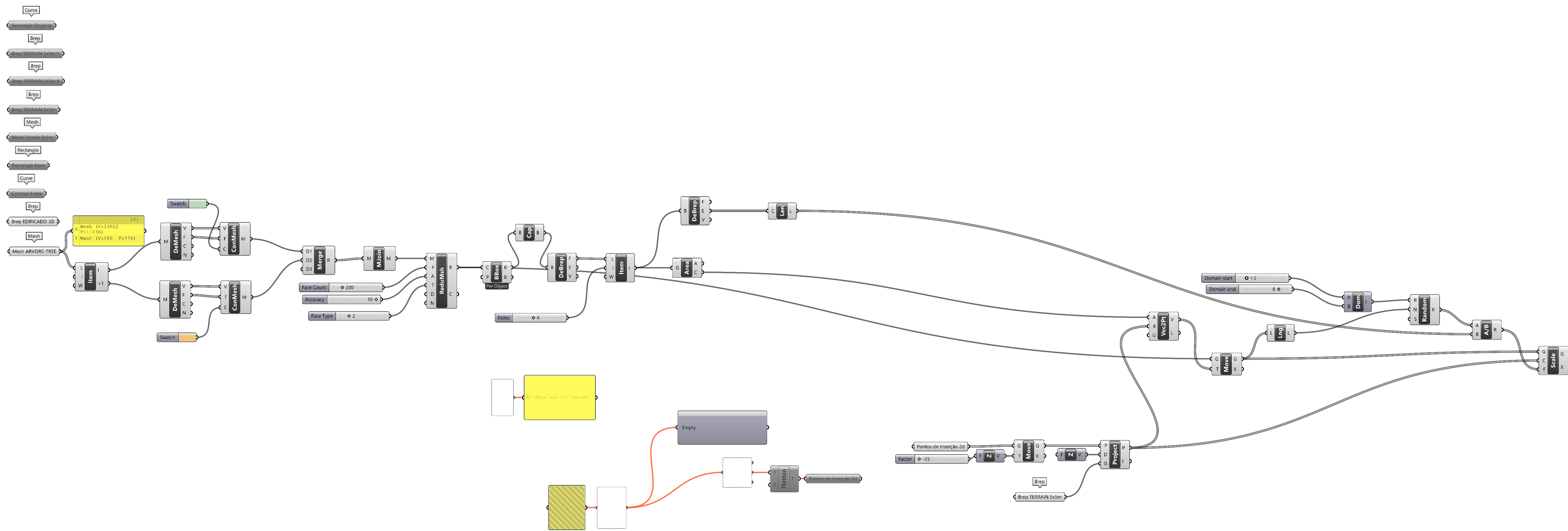
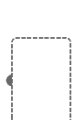
Ex06- Inserir Edifício na Superfície do Terreno



Ex06- Inserir Edifício na Superfície do Terreno

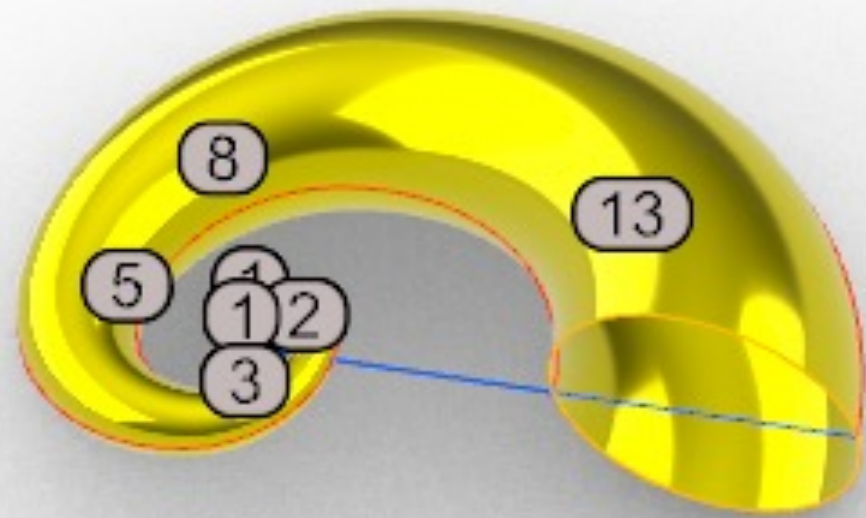


Ex07-Desenho Paramétrico e Morfogénese Digital

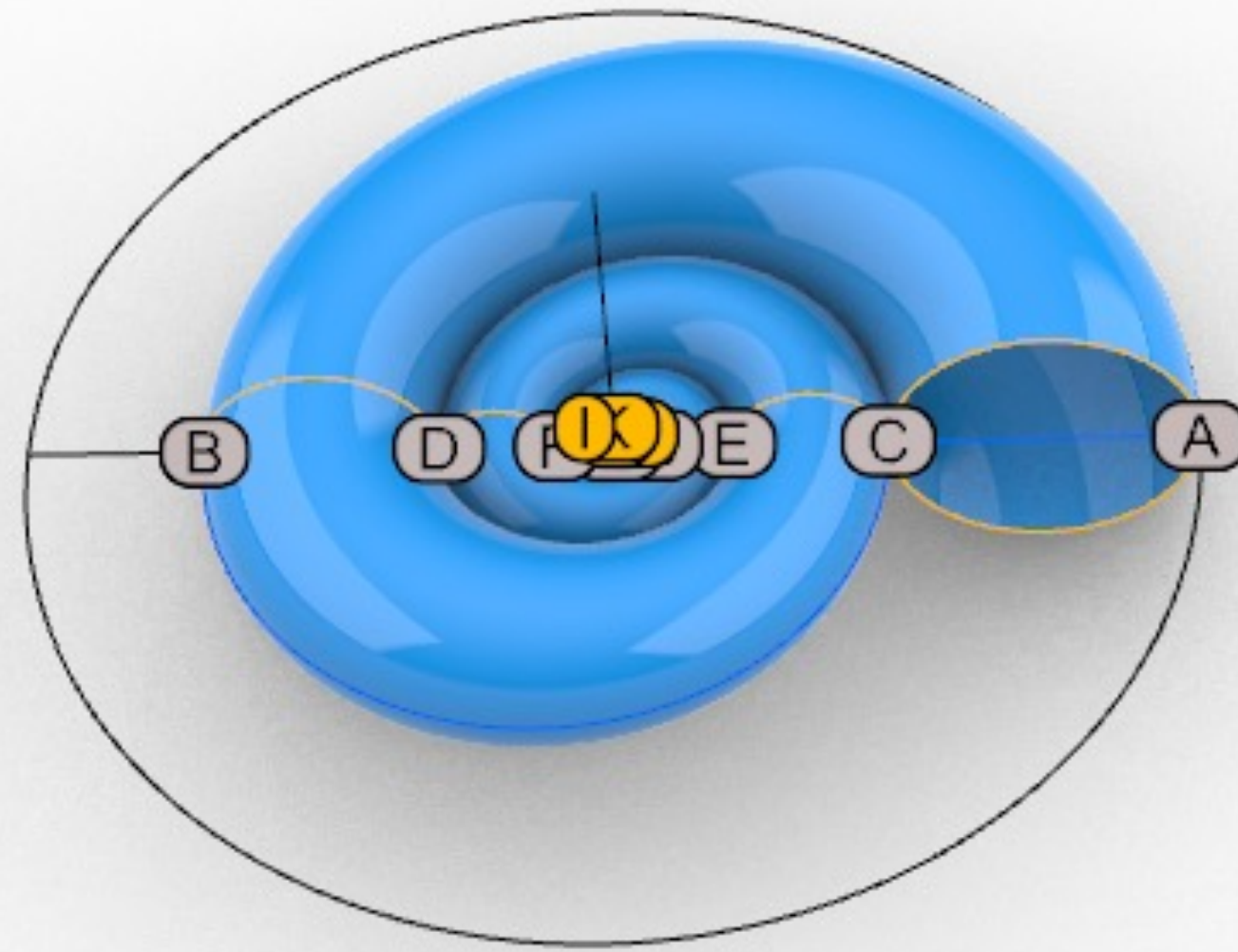


Ex07-Desenho Paramétrico e Morfogénesse Digital

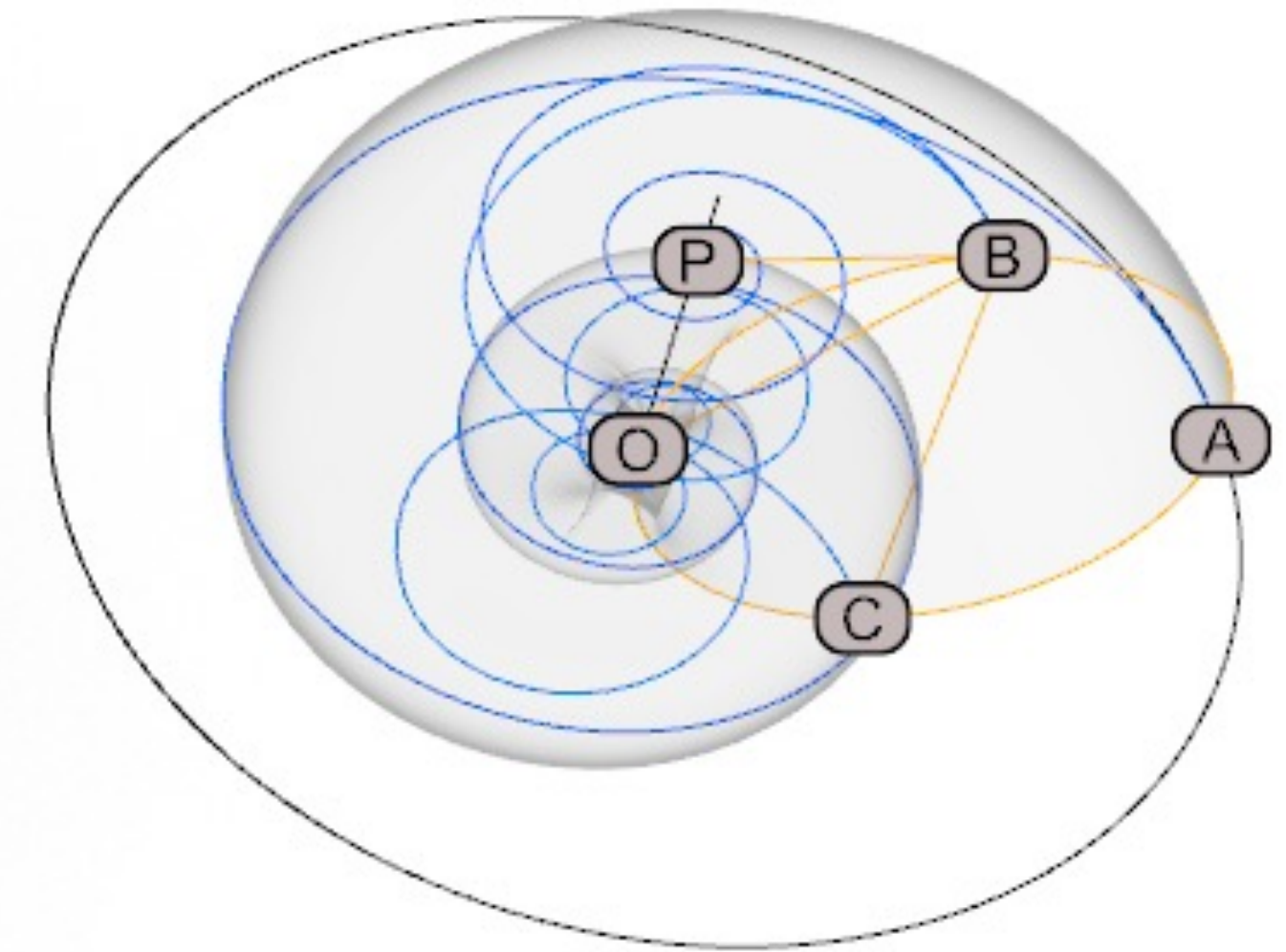
EX8.1 SERPENTINA/ SPIRULA



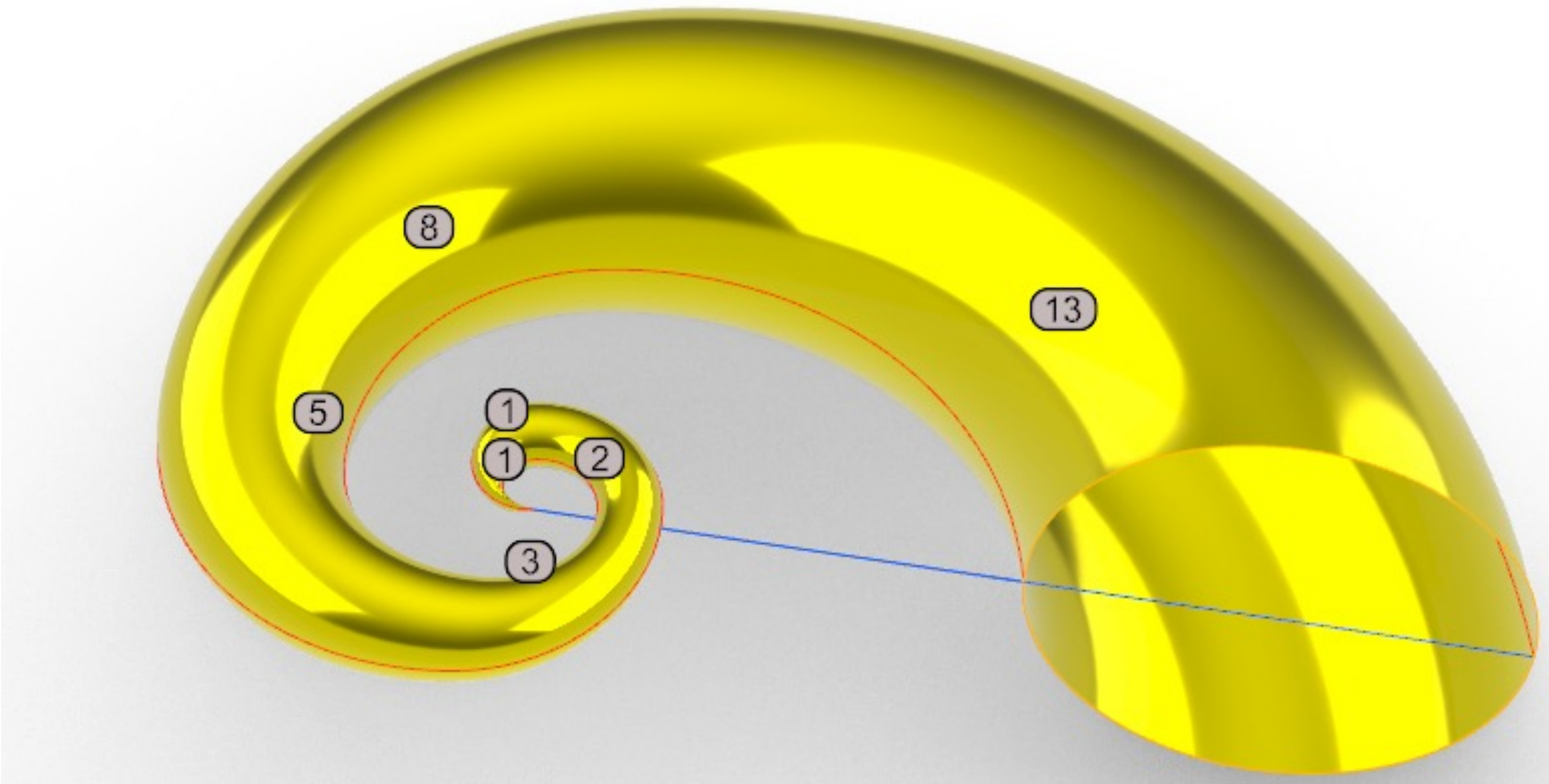
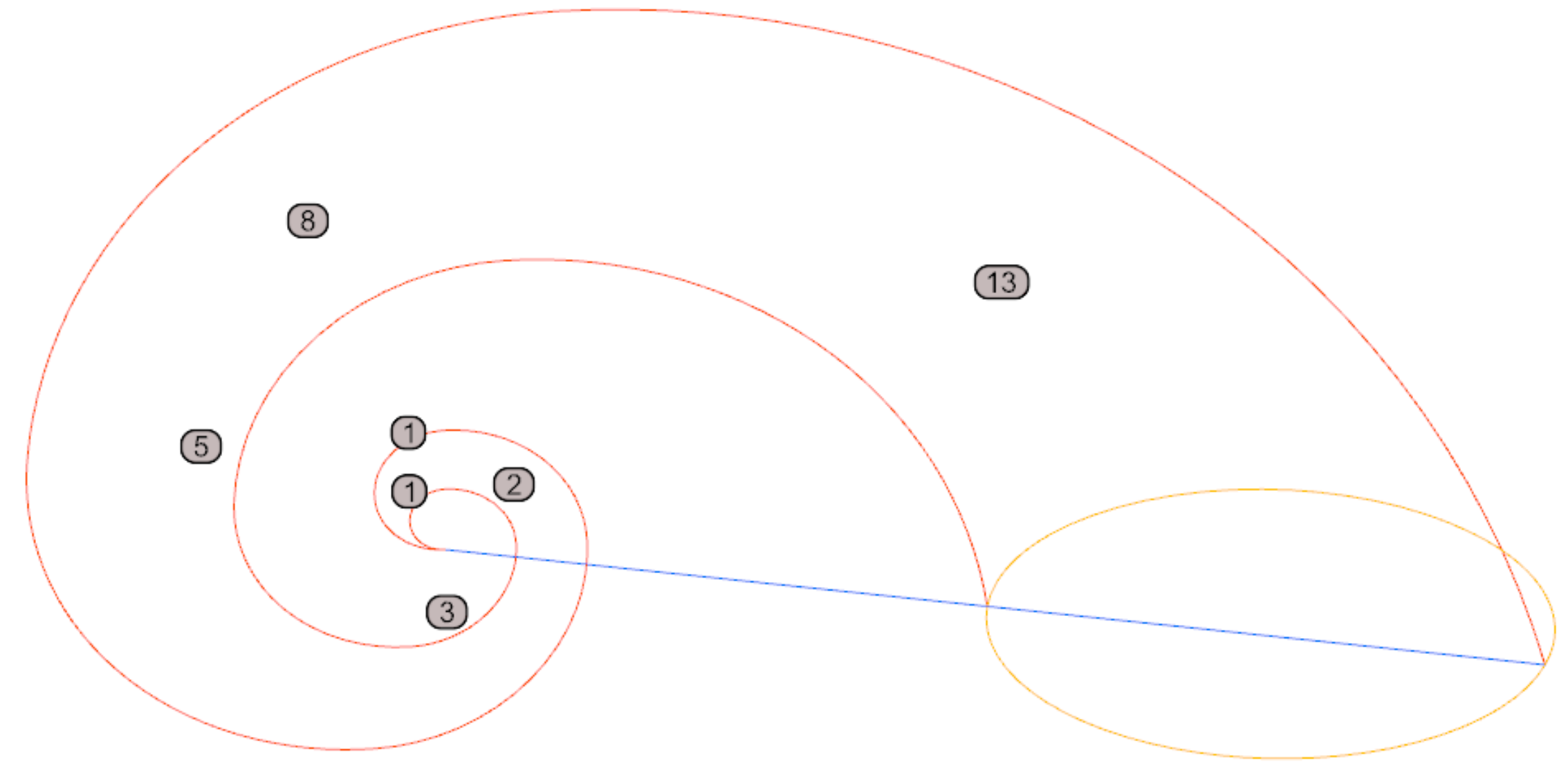
EX8.2 PLANORBI



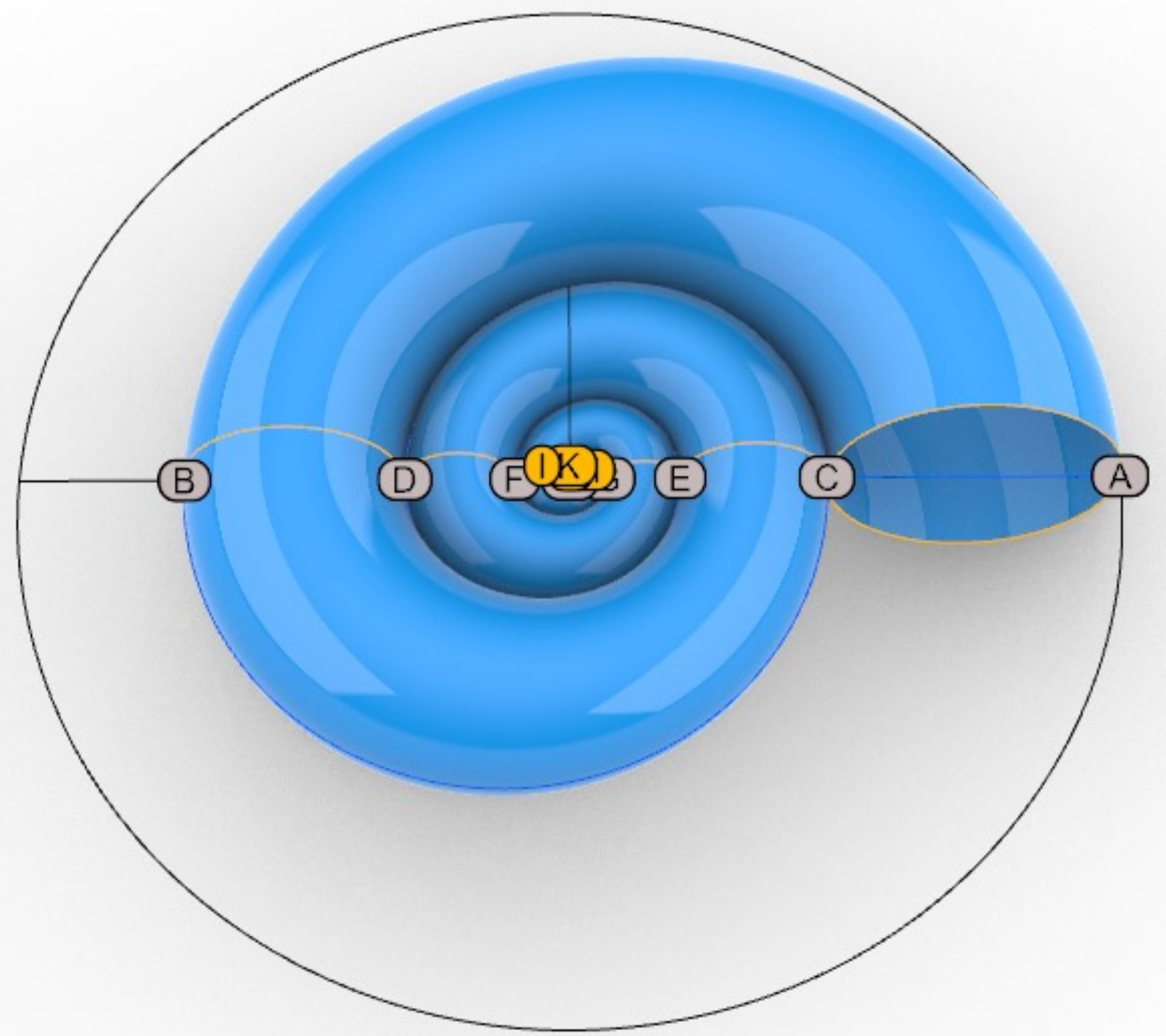
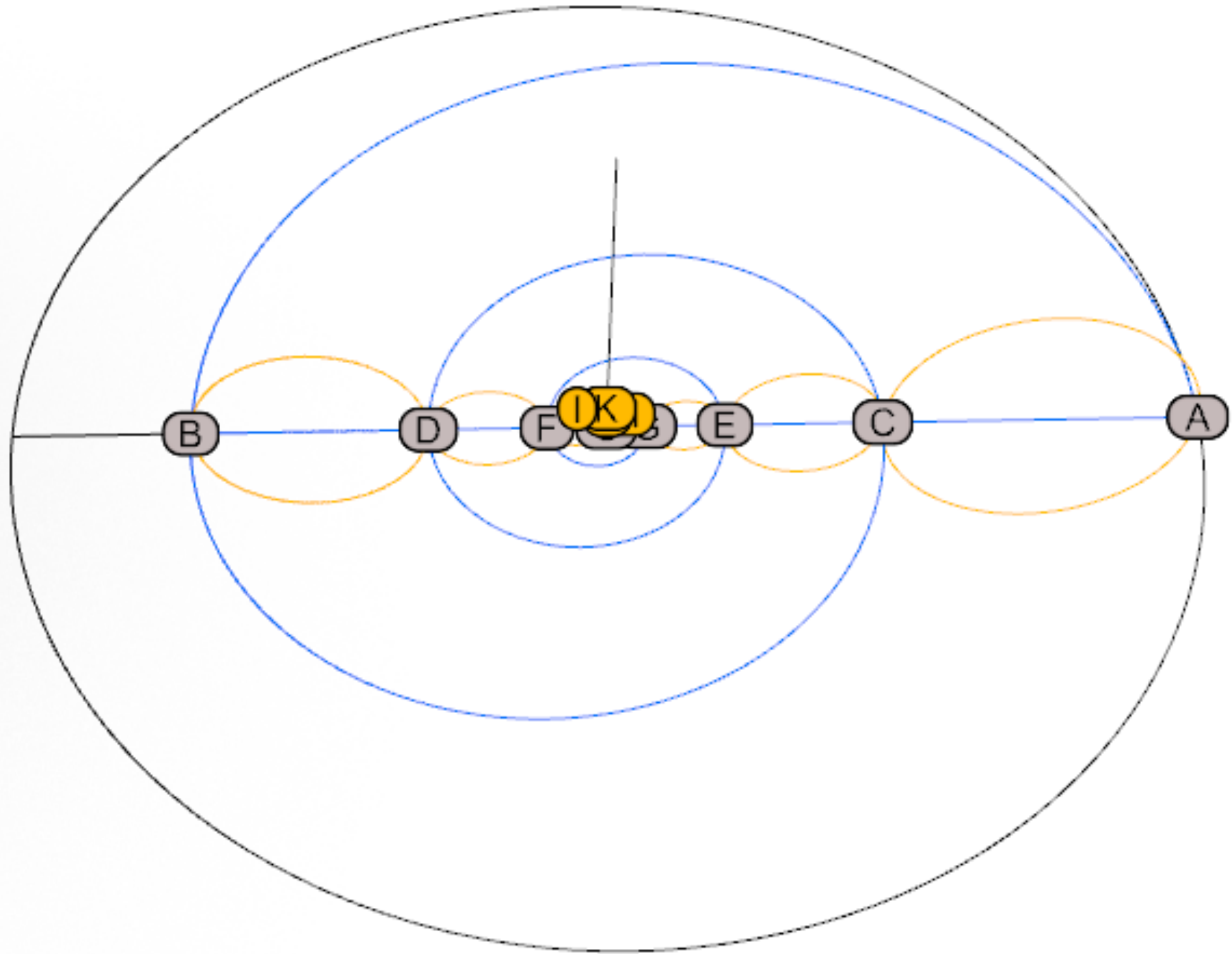
EX8.3 NAUTILUS



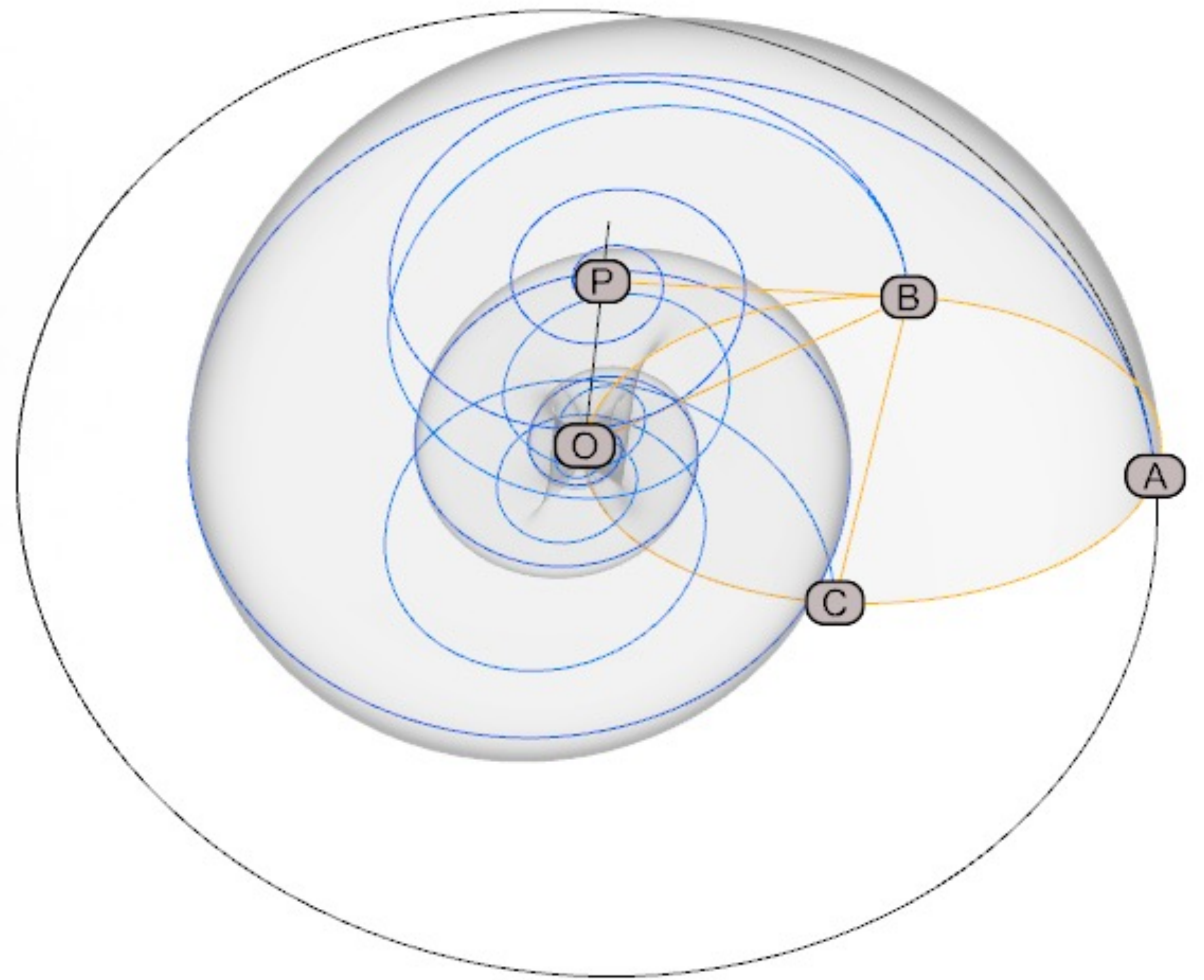
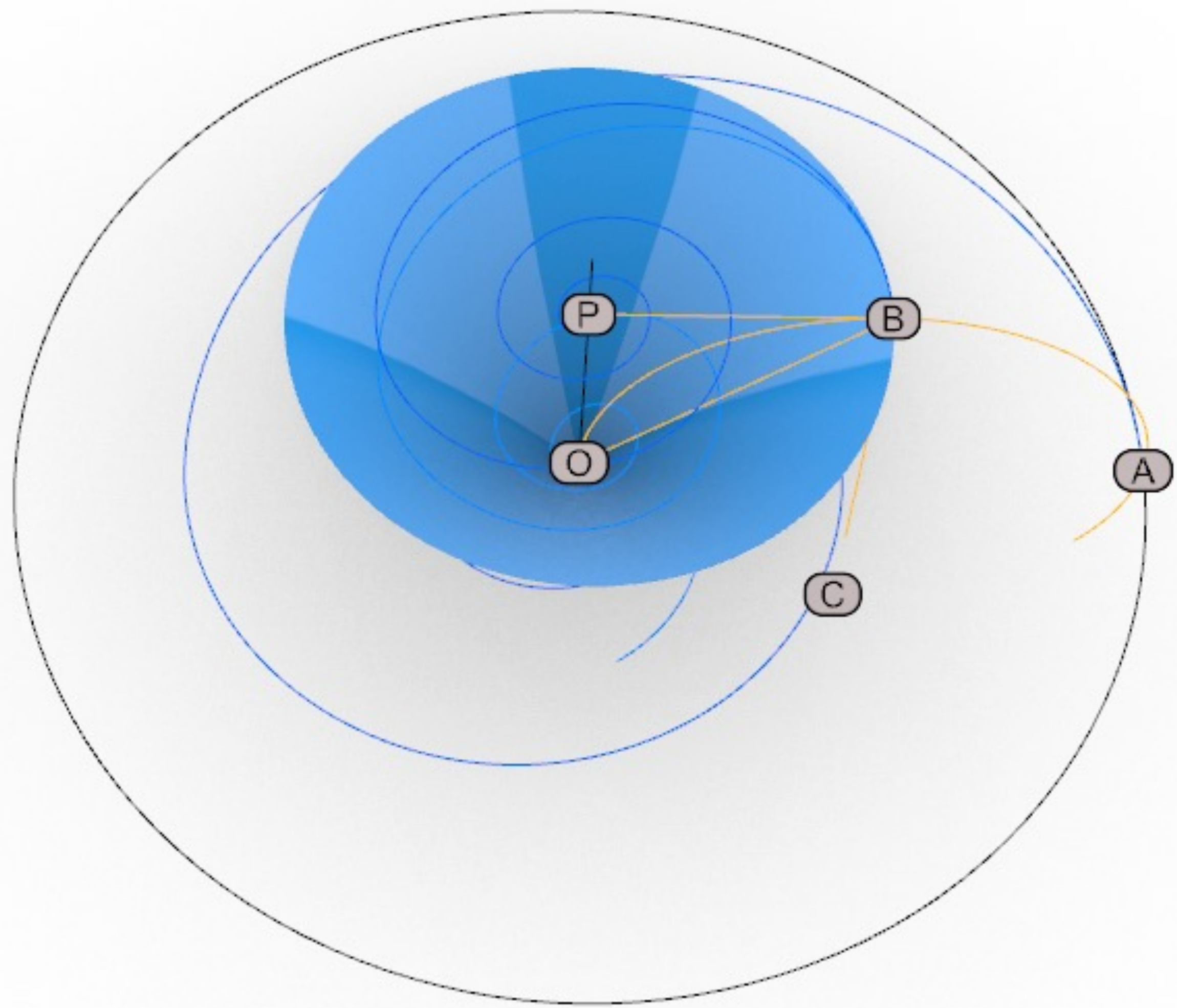
Ex08-Construção de Superfícies complexas a partir da Morfogénese de Cefalópodes



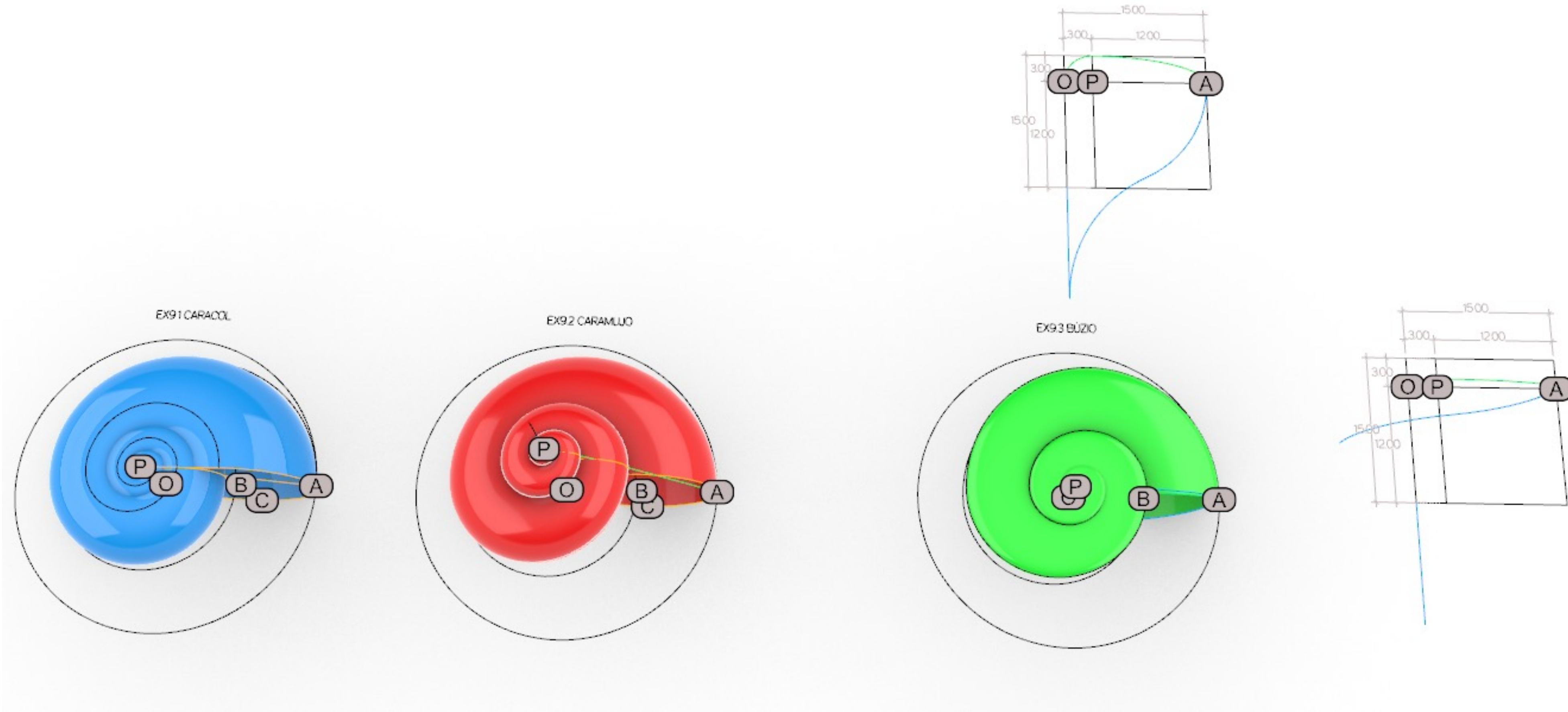
Ex08.1-Serpentina/Spirula



Ex08.2-Planorbi

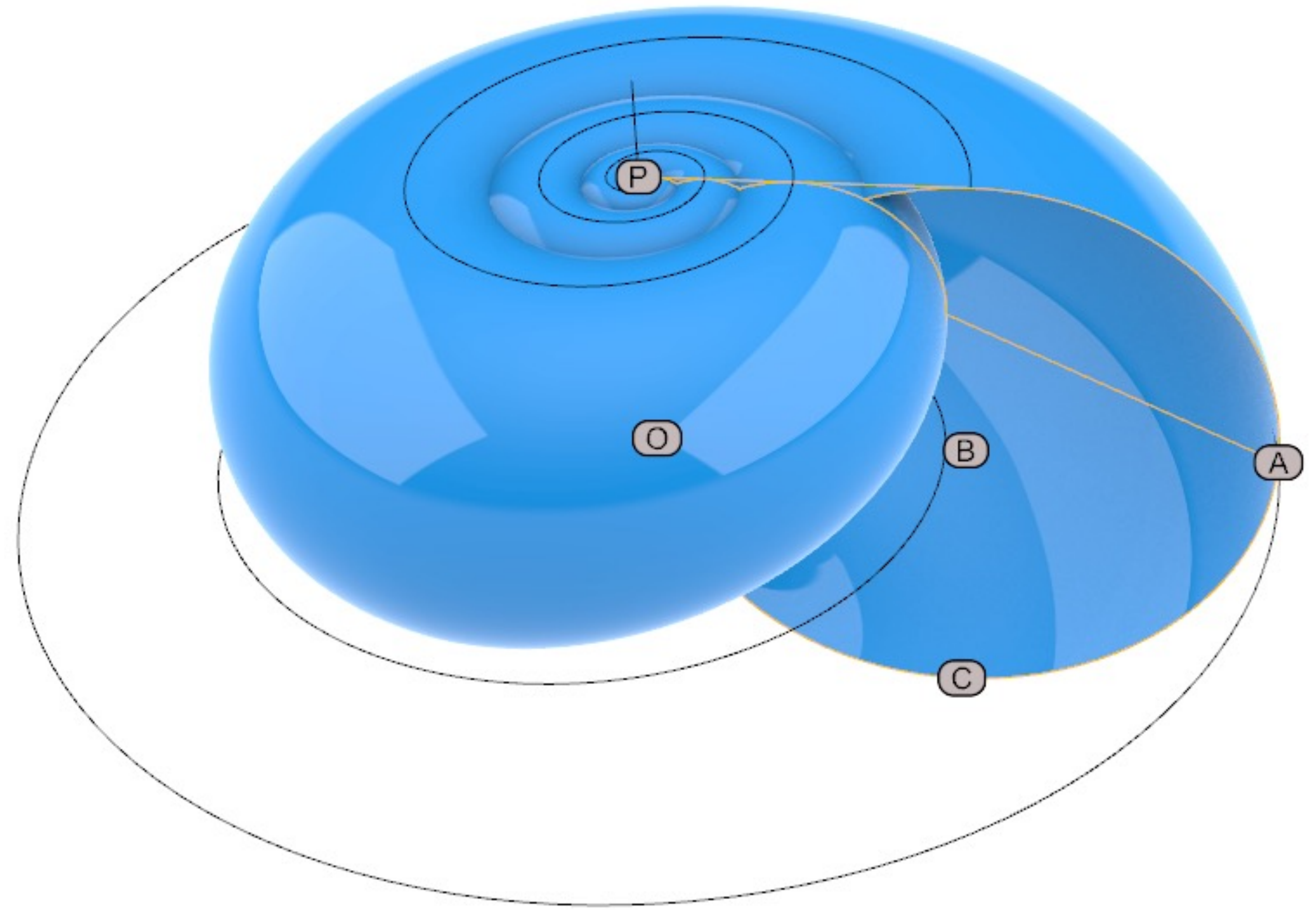
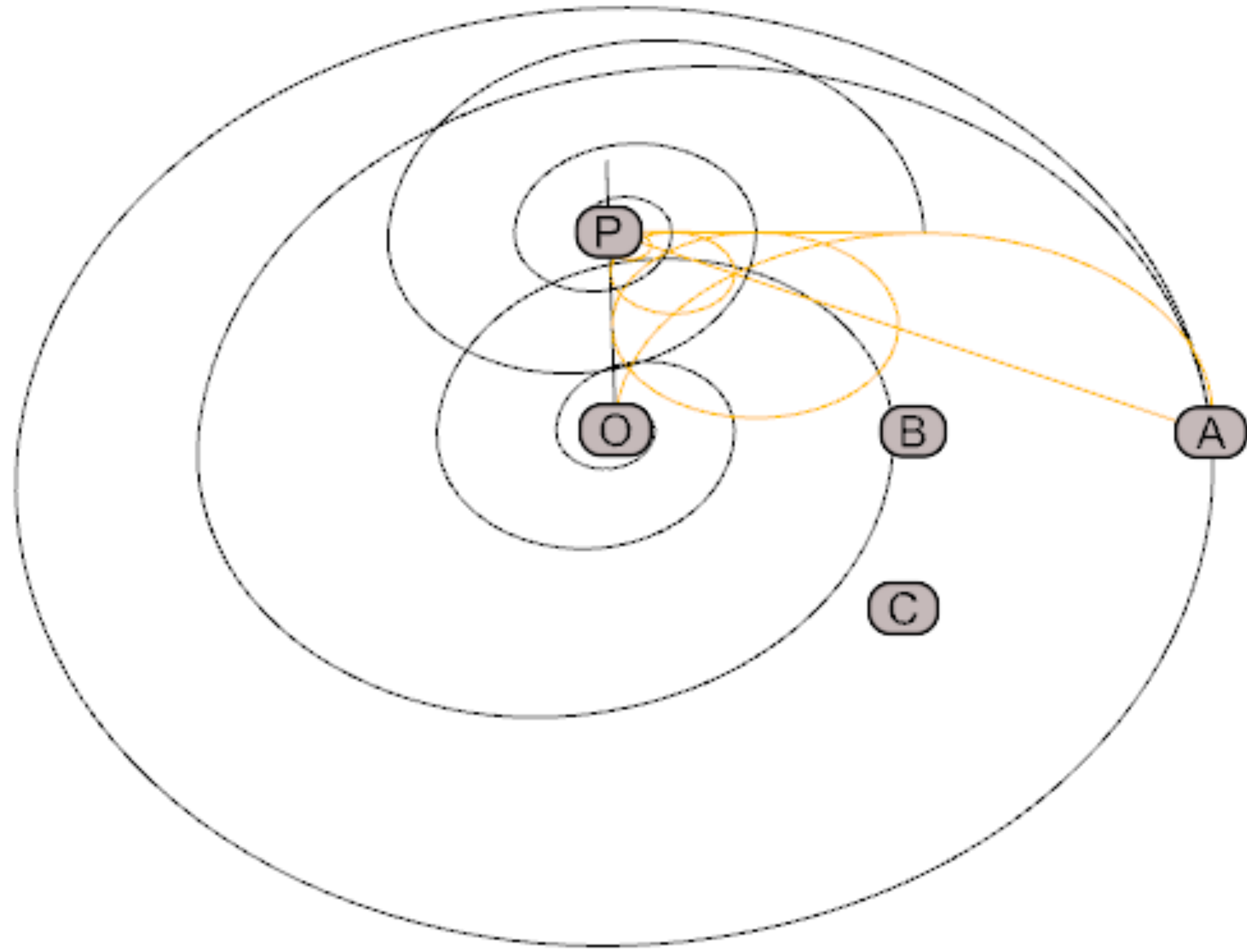


Ex08.3-Nautilus



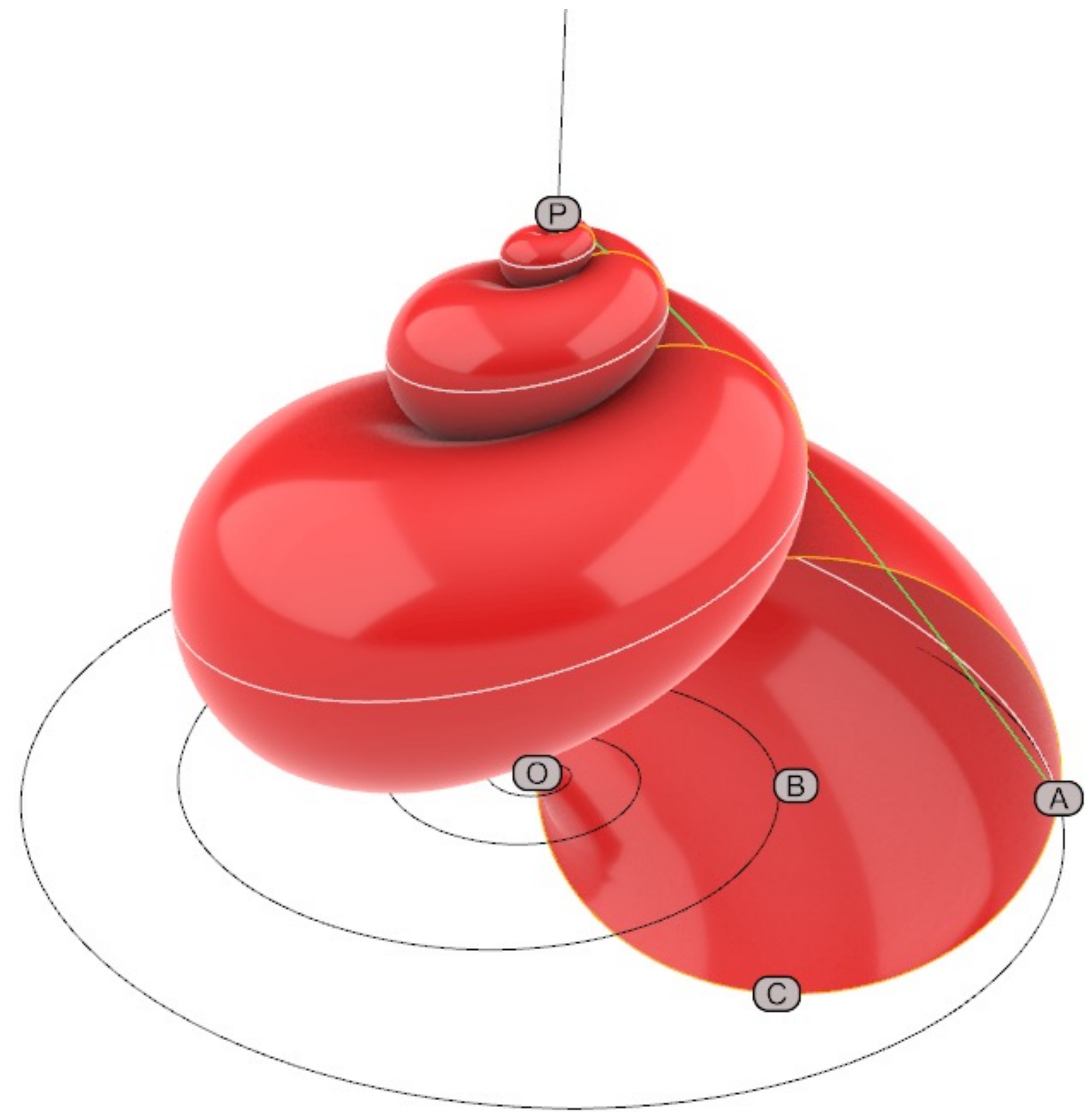
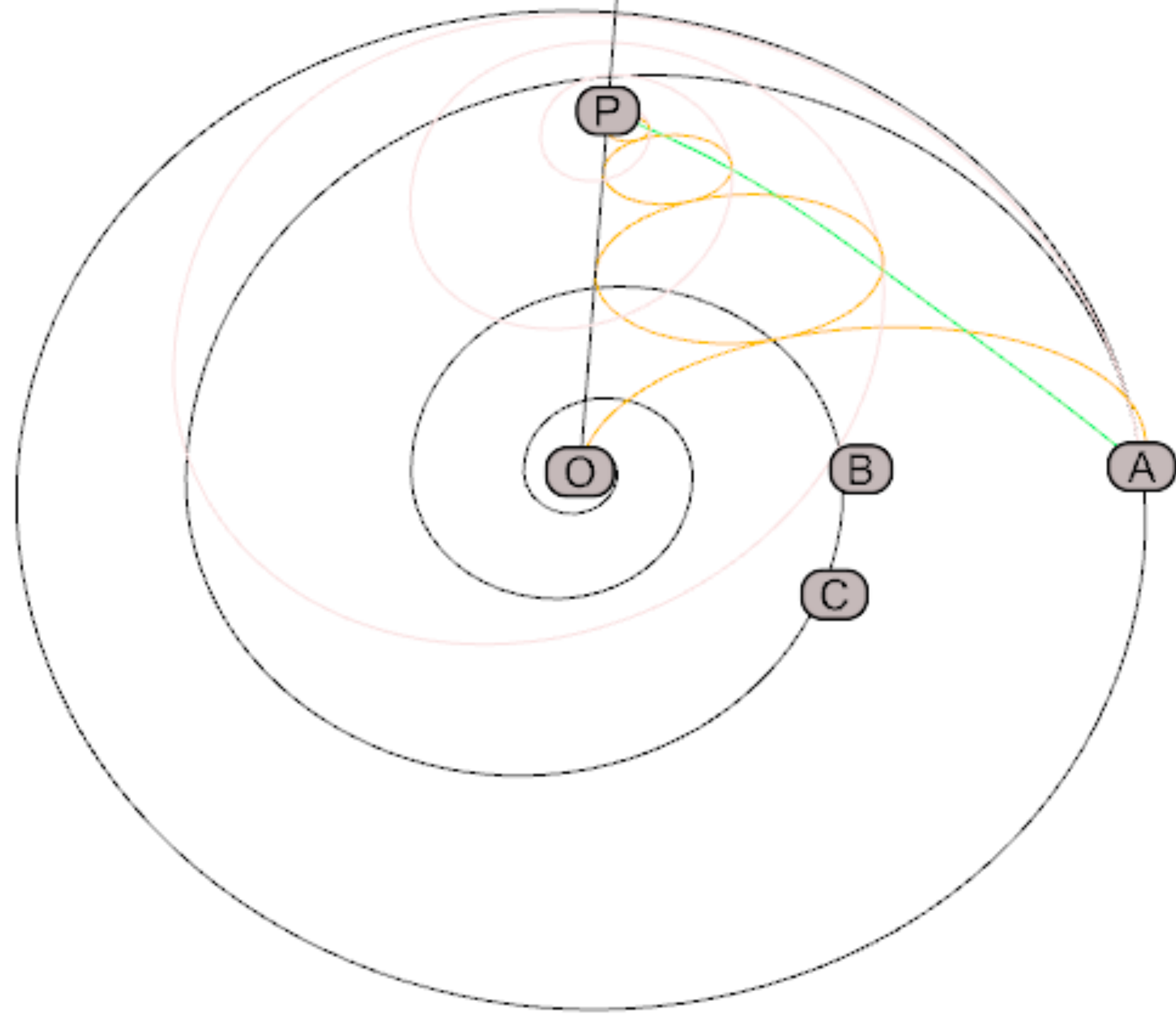
Ex09- Construção de Superfícies complexas a partir da Morfogénese de Gastrópodes

EX9.1 CARACOL

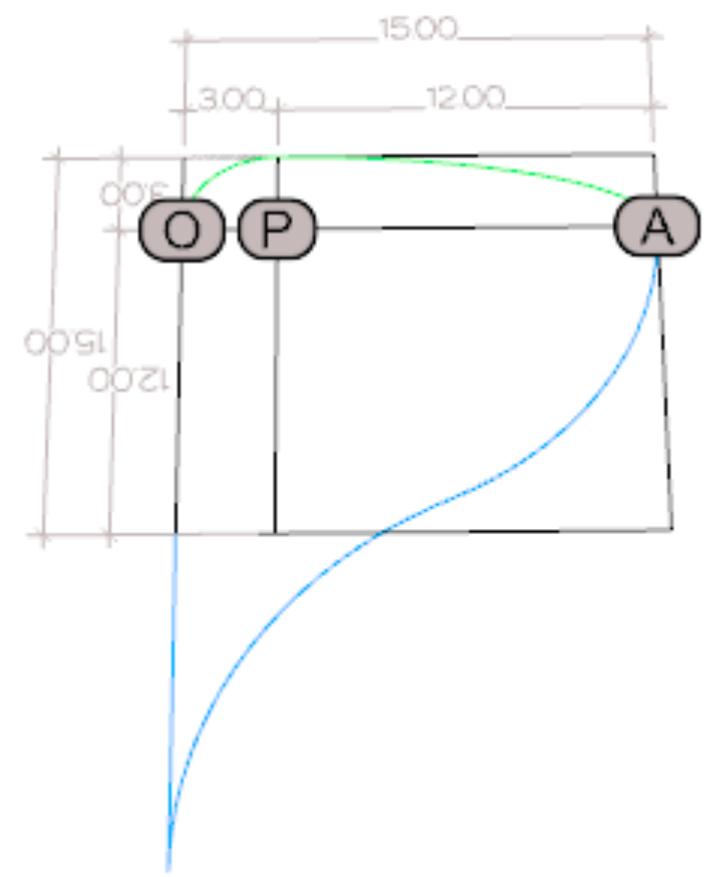


Ex09.1-Caracol

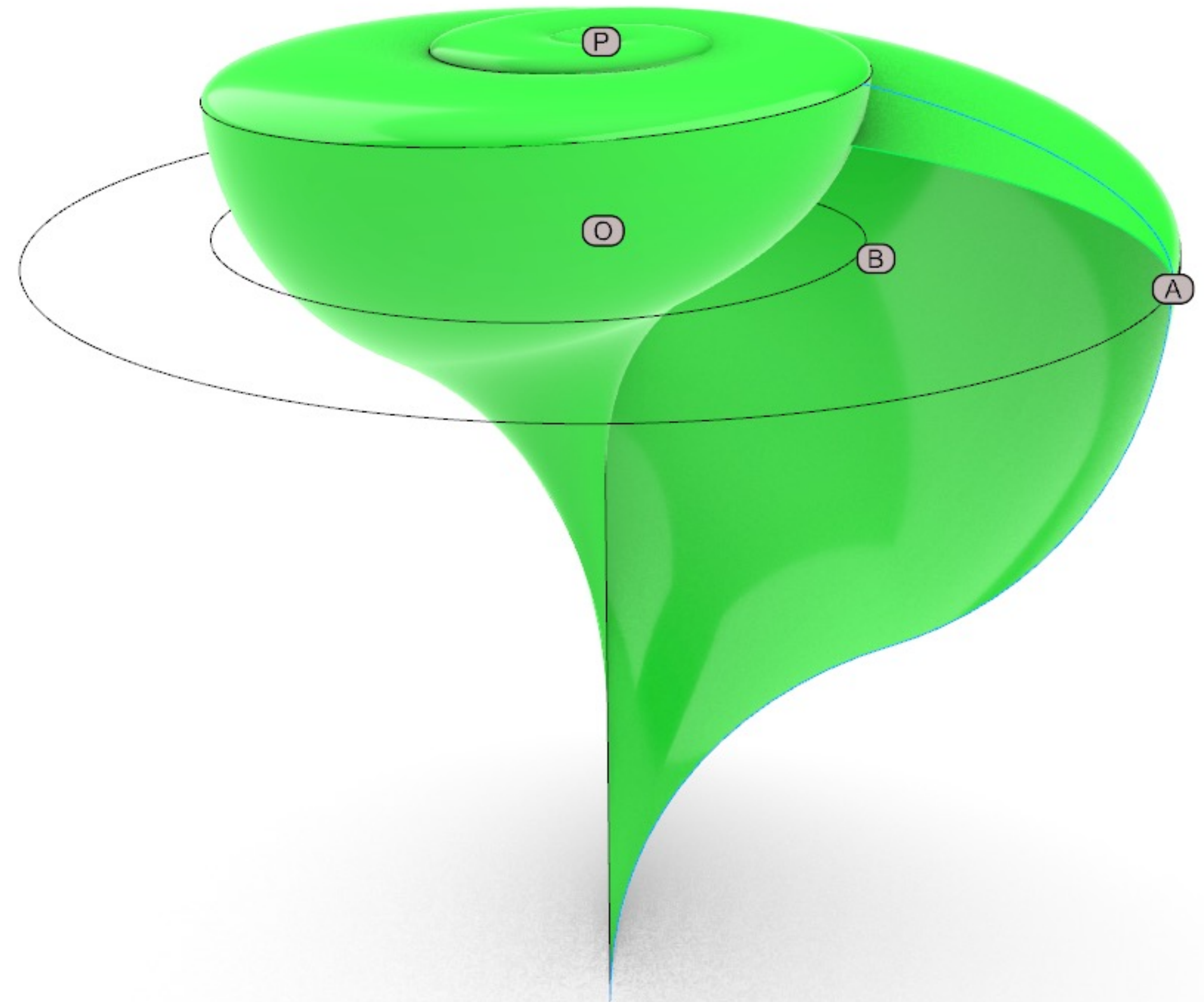
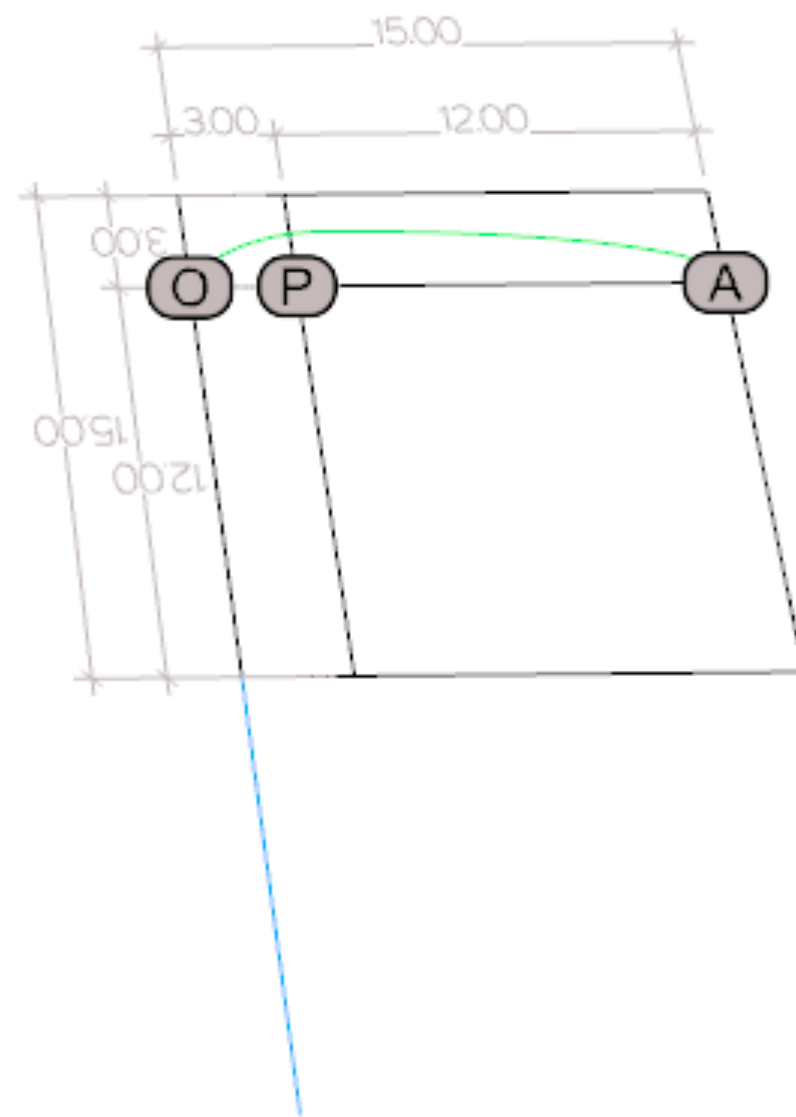
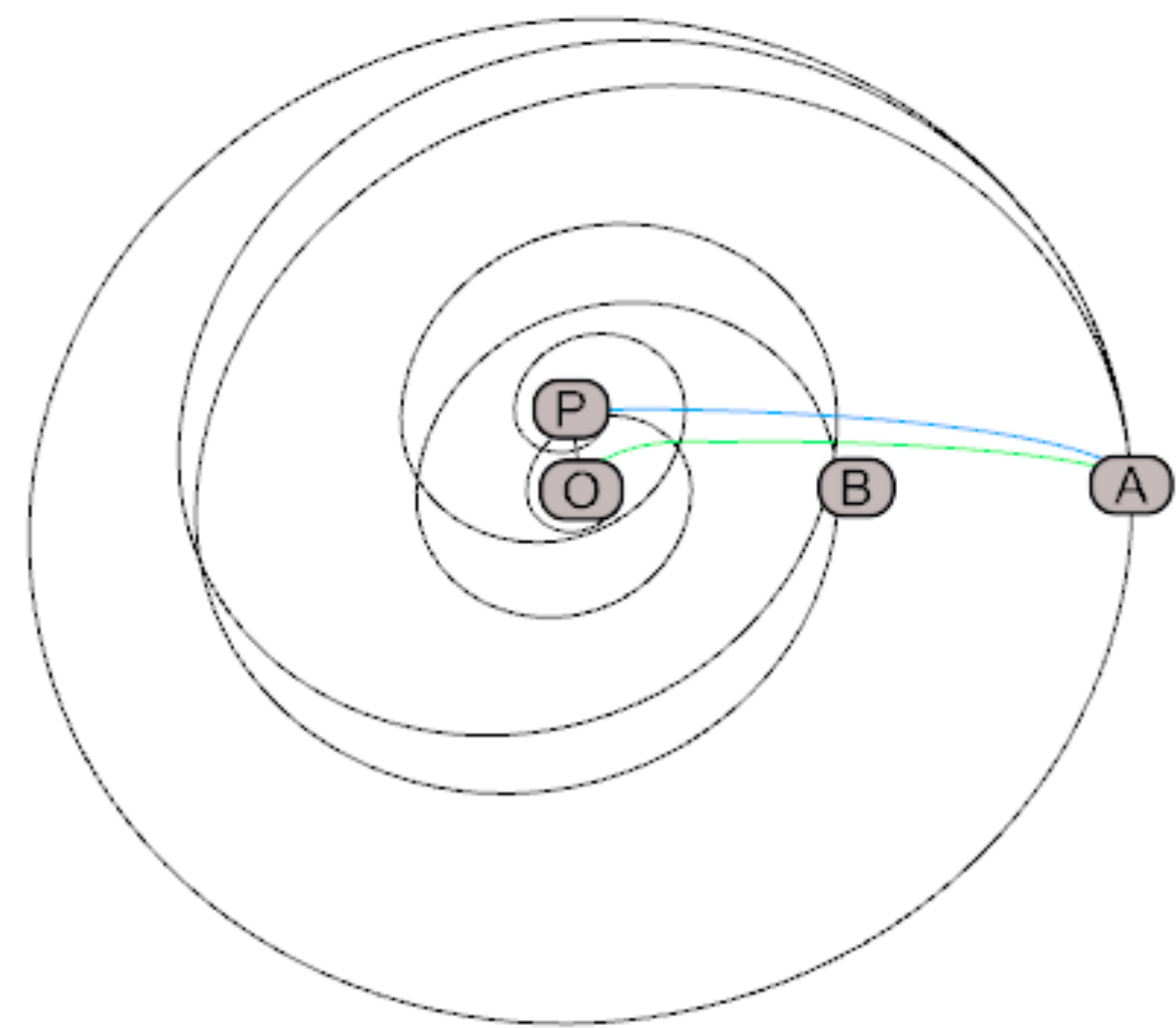
EX9.2 CARAMUJO



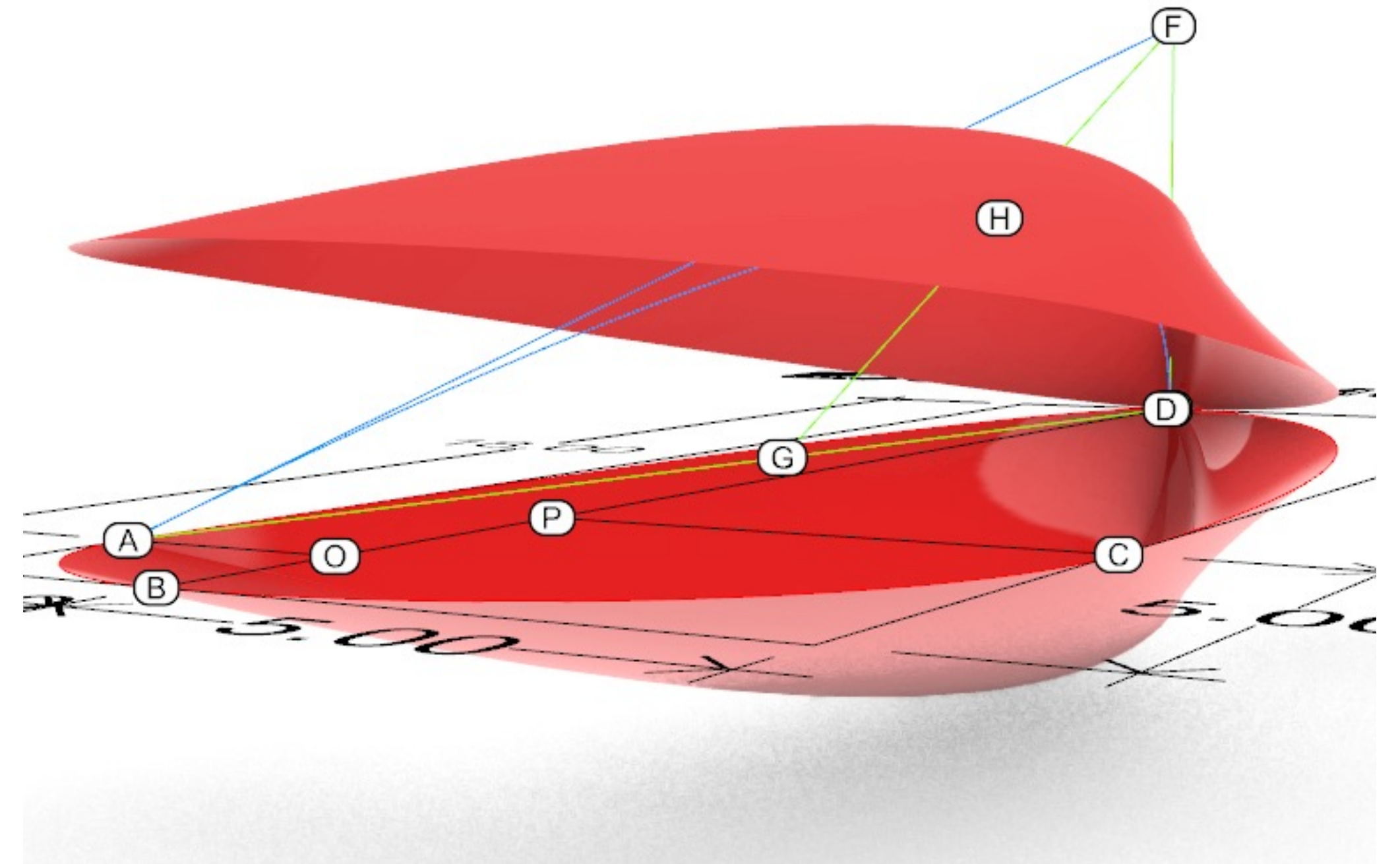
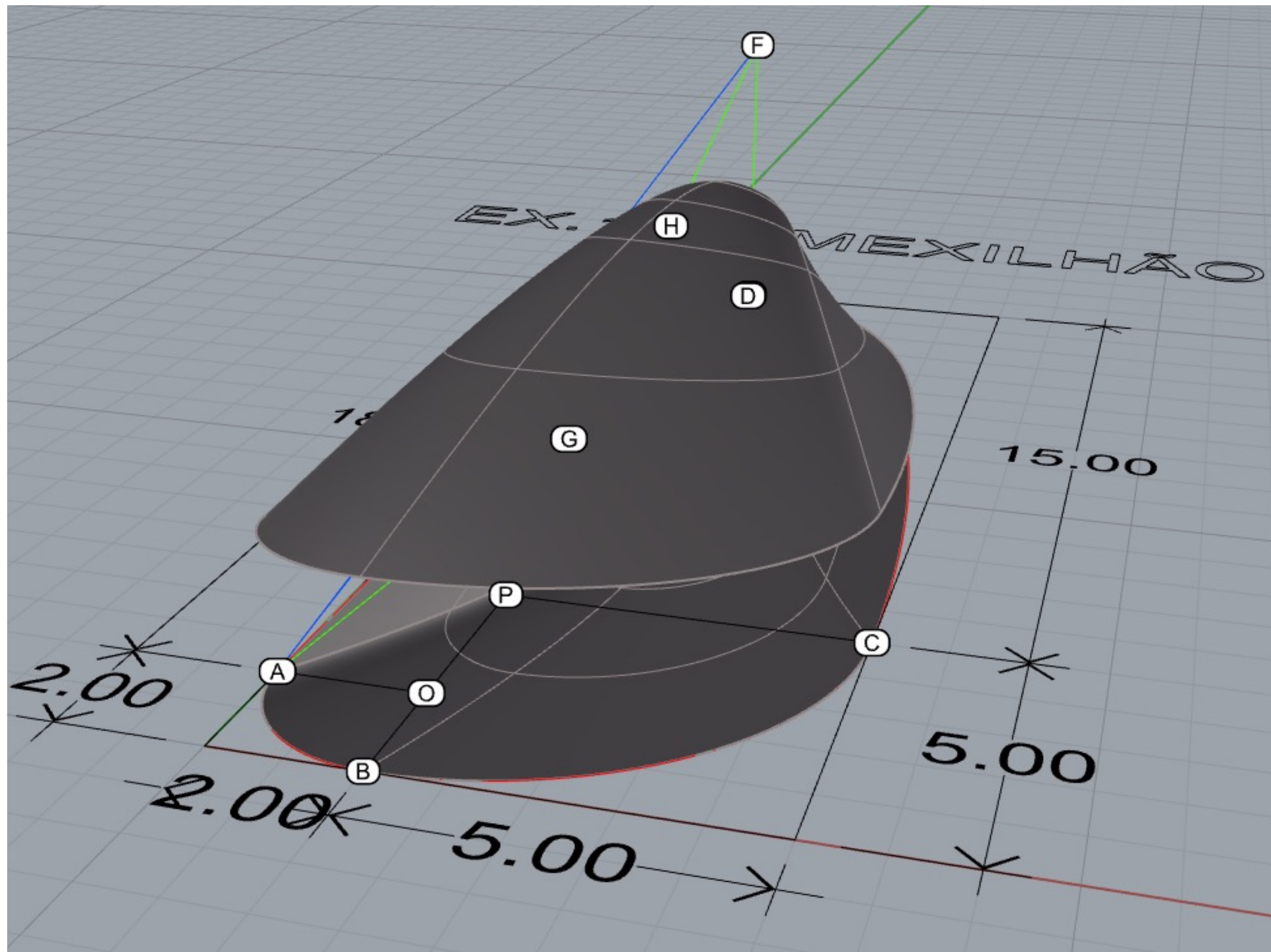
Ex09.2-Caramujo



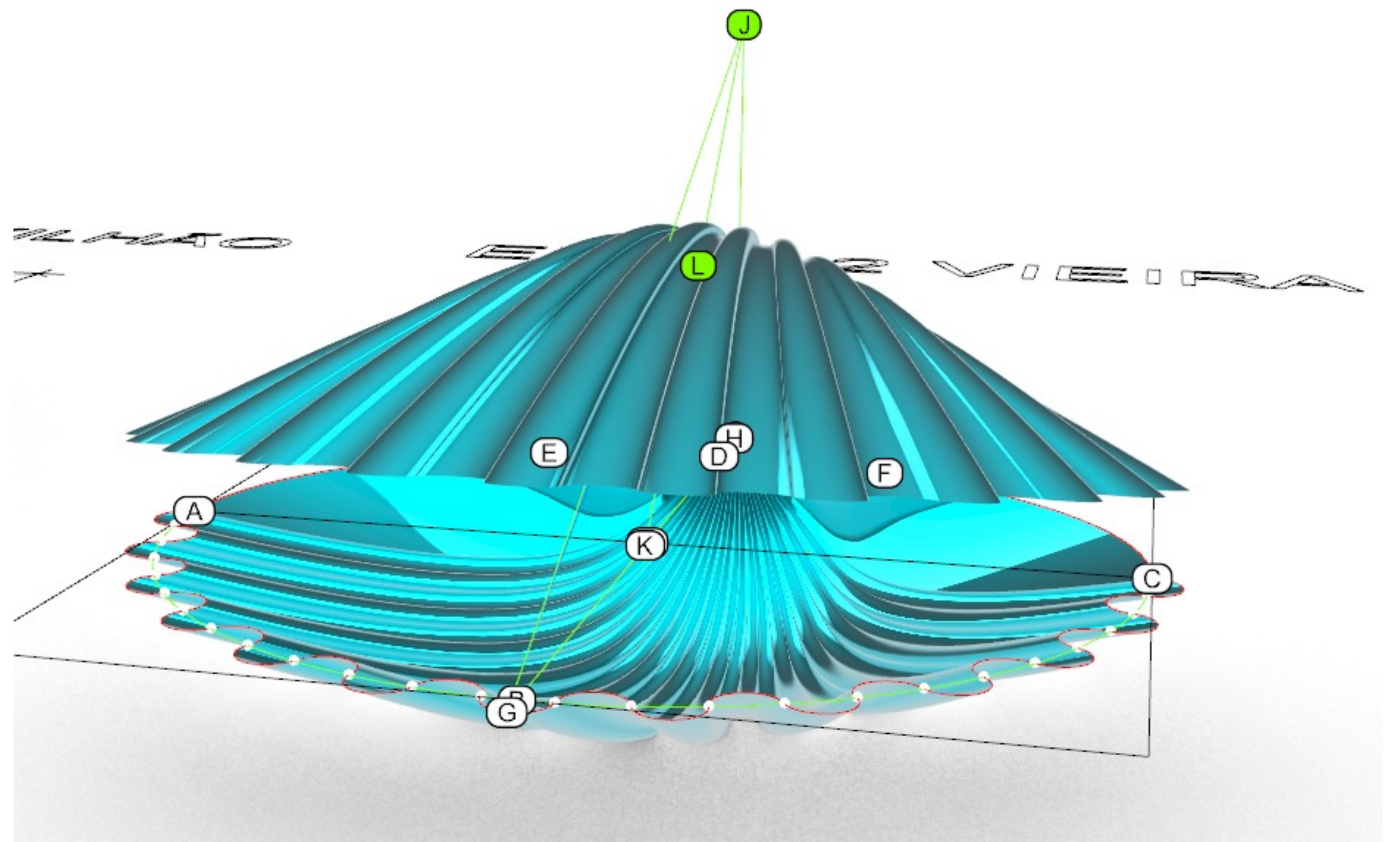
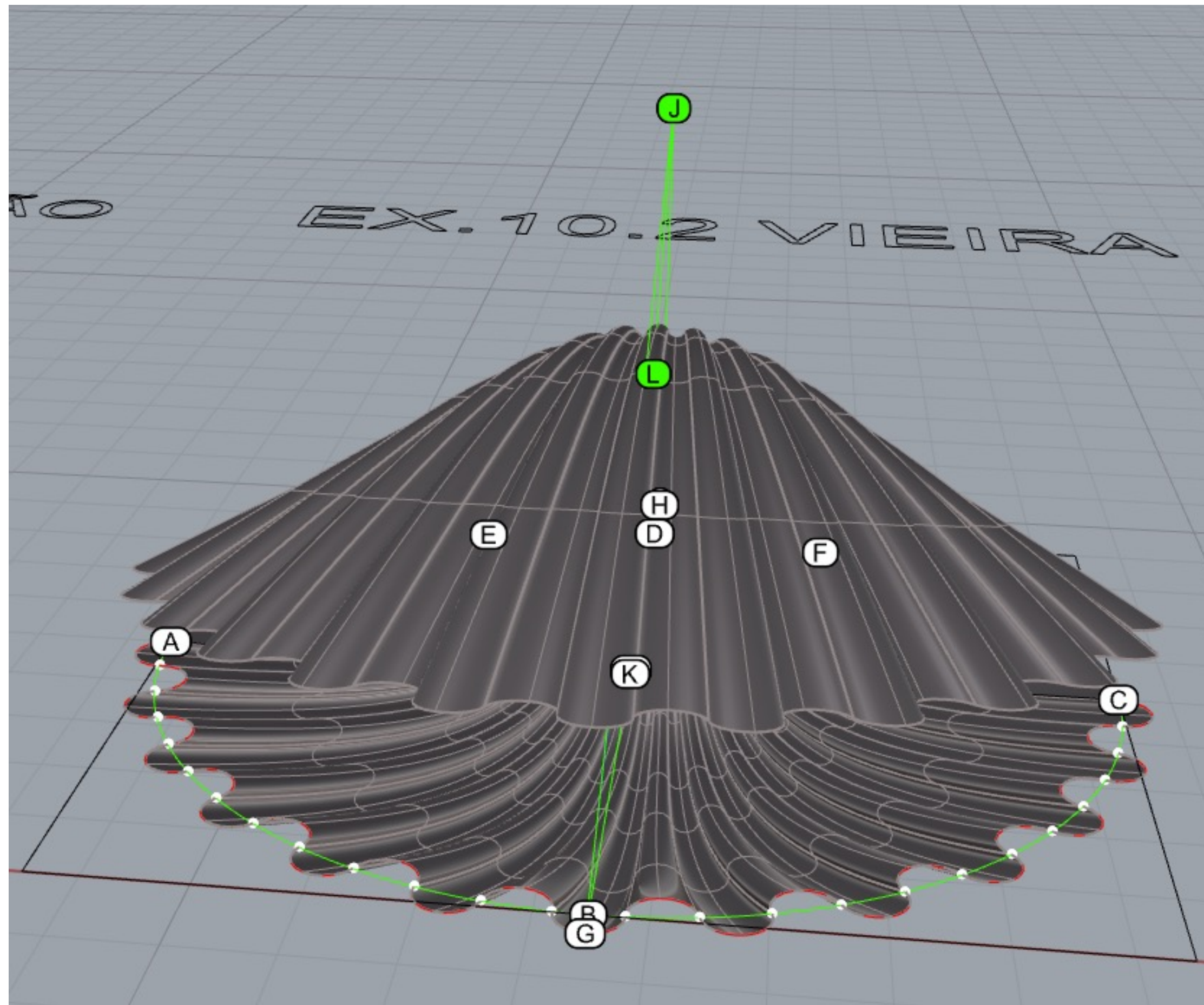
EX9.3 BÚZIO



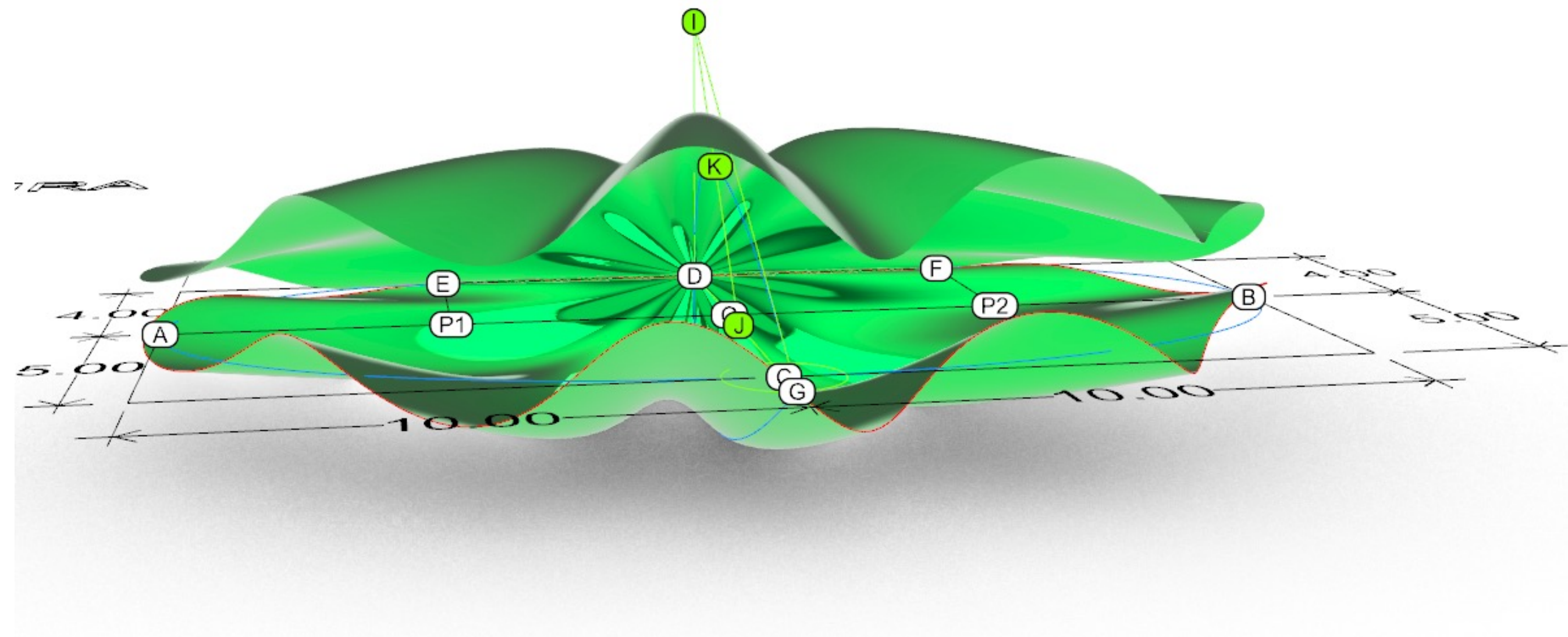
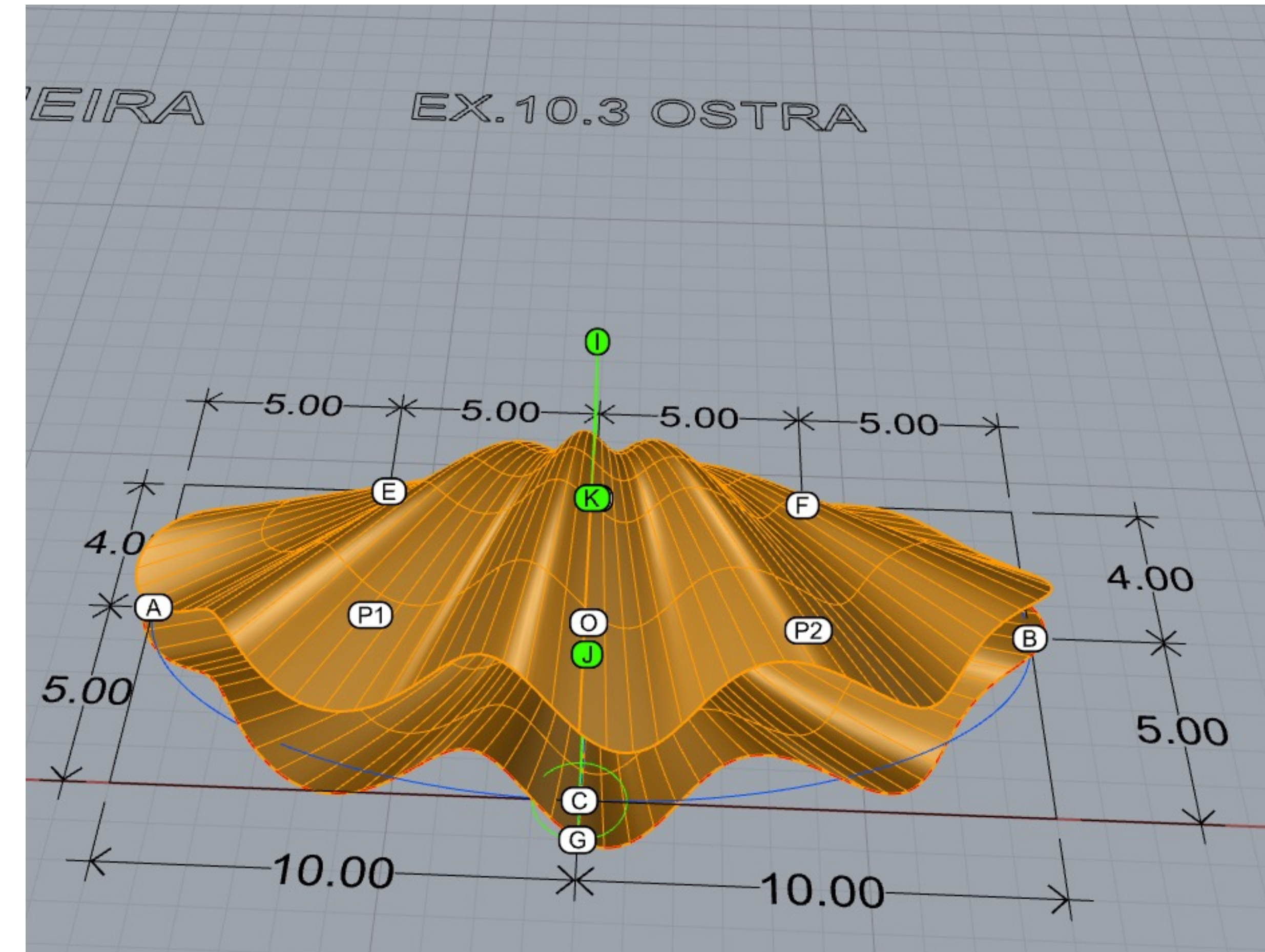
Ex09.3-Búzio



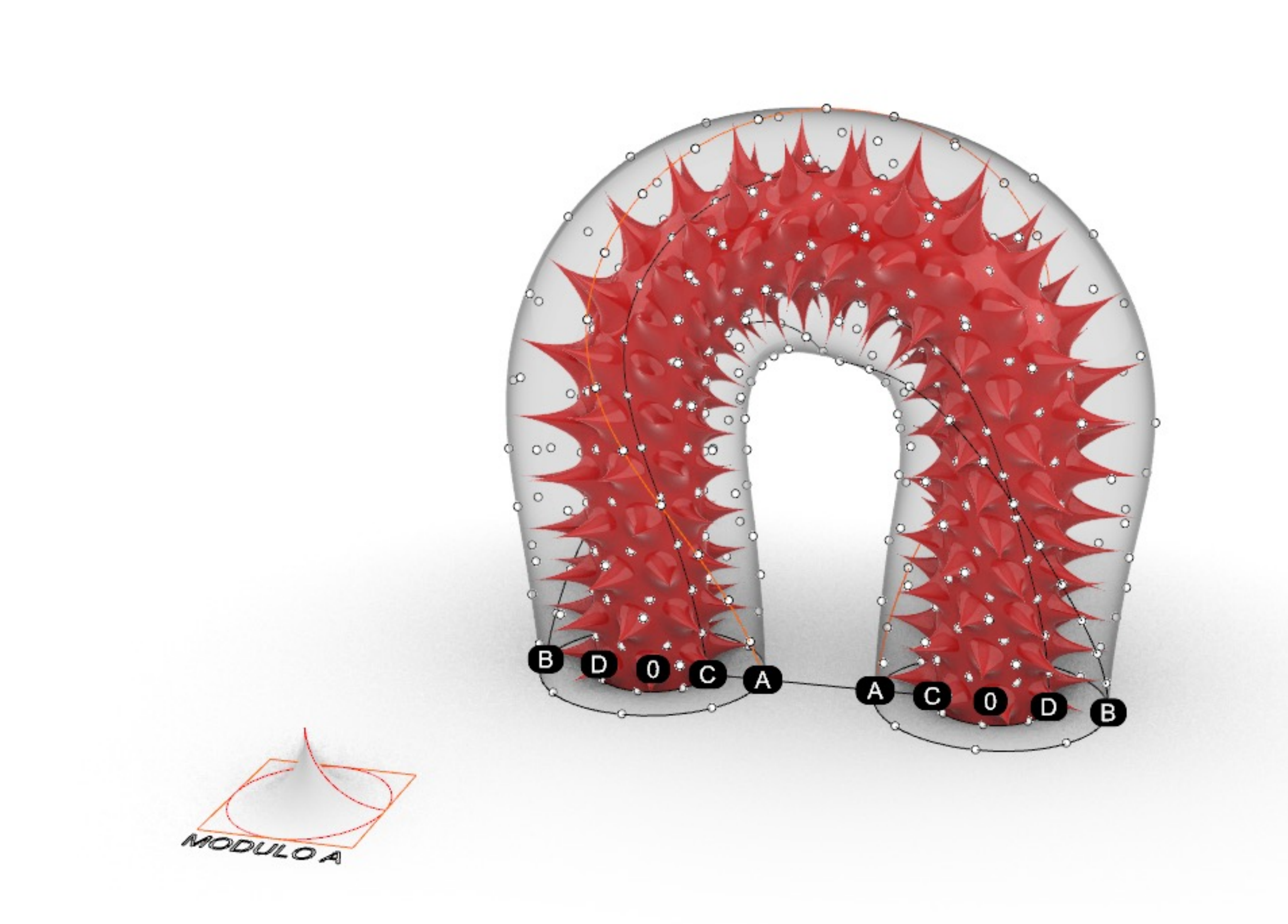
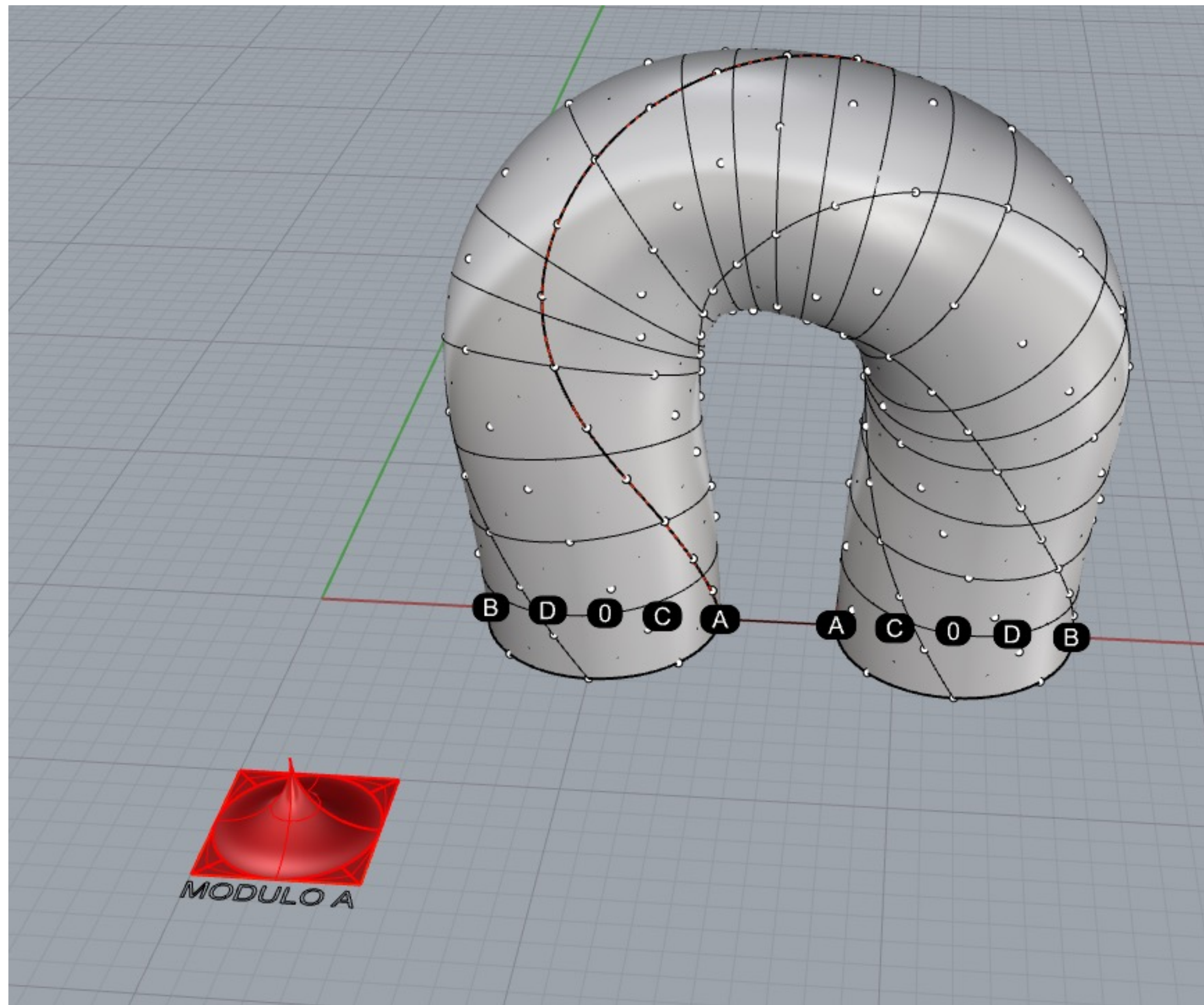
Ex10.1-Mexilhão



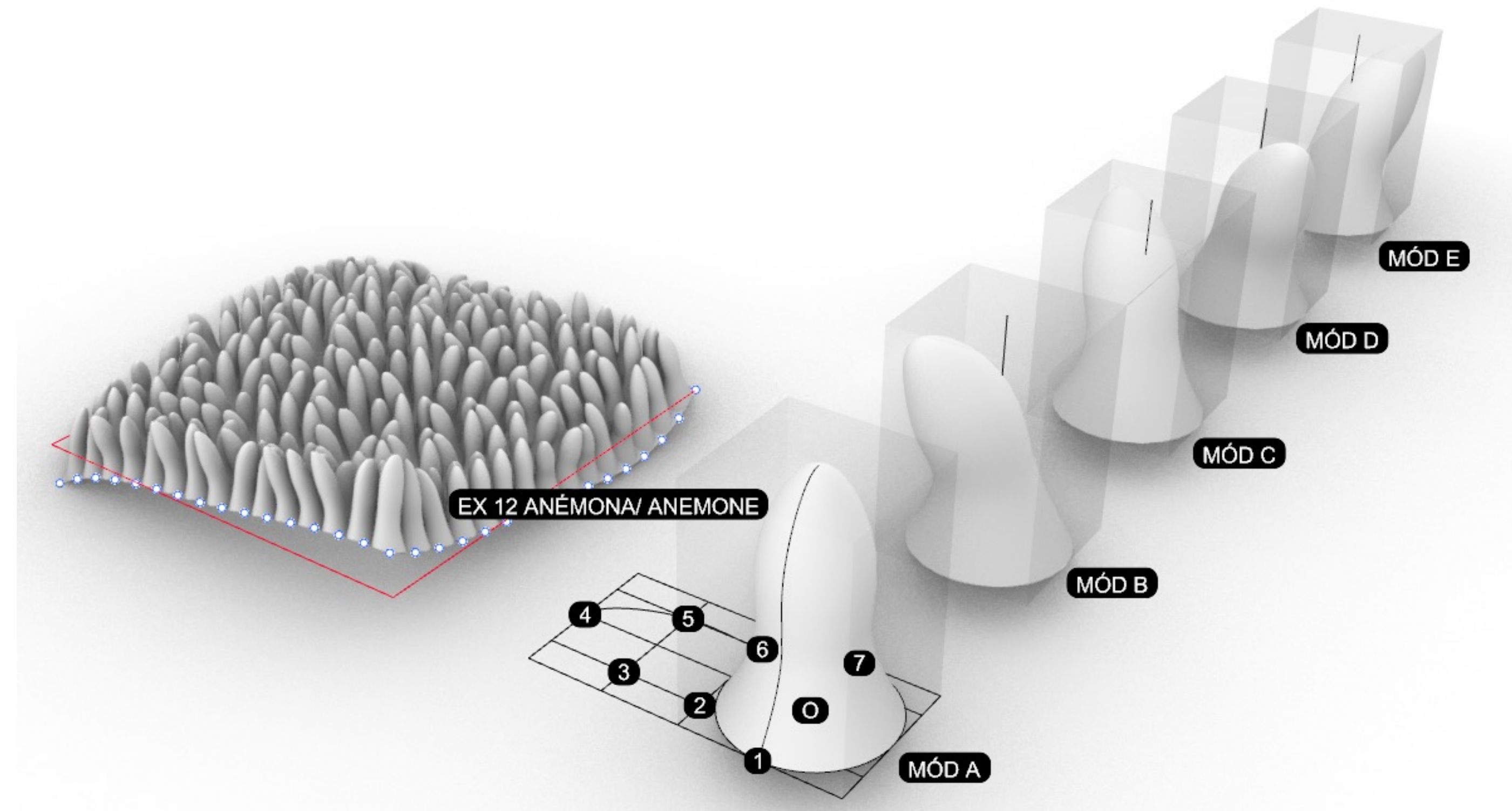
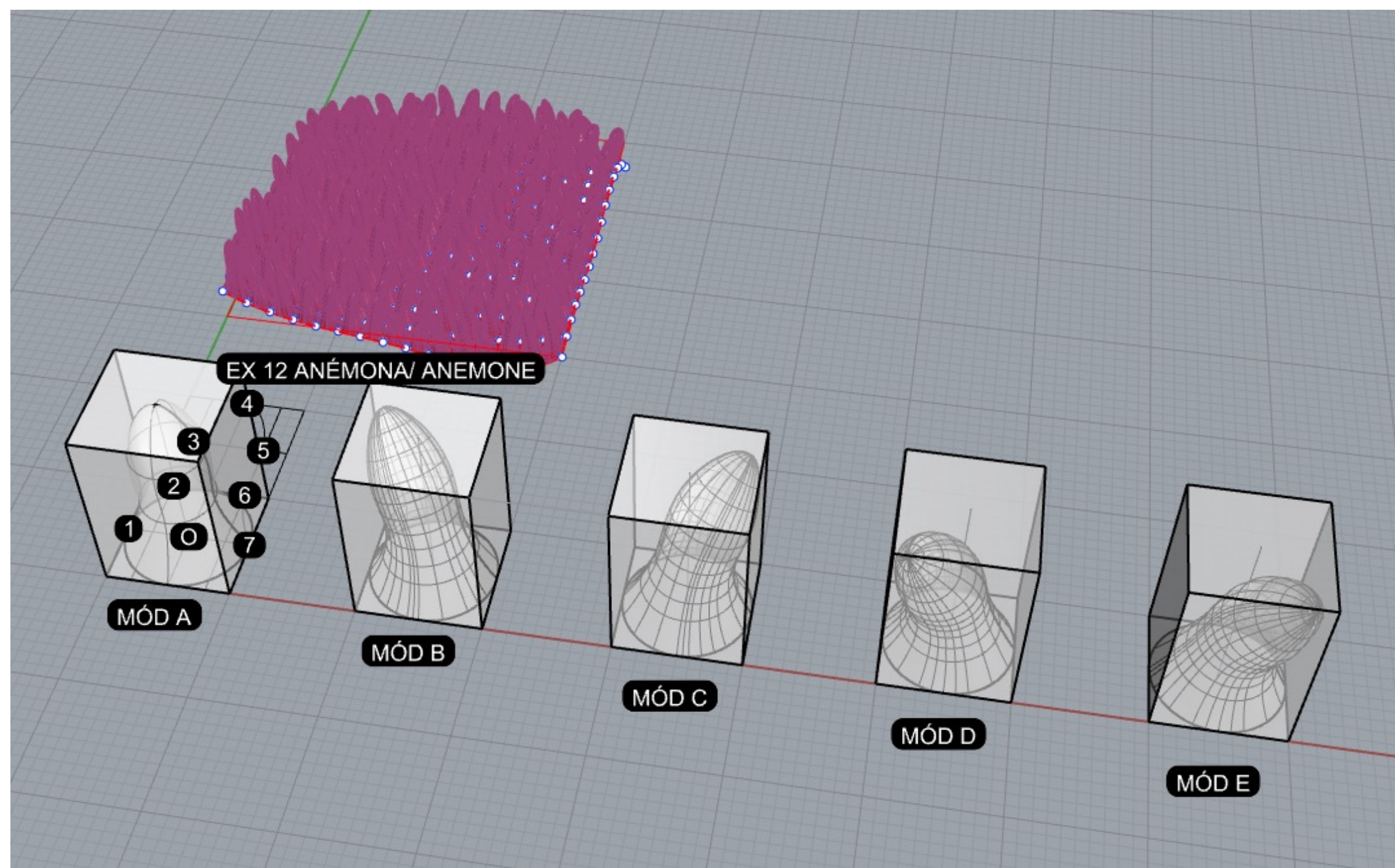
Ex10.2- Vieira



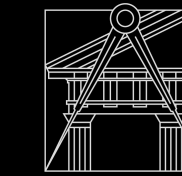
Ex10.3- Ostra



Ex11-Coral



Ex12-Anémona



MODELAÇÃO GEOMÉTRICA GENERATIVA

MESTRADO INTEGRADO EM ARQUITETURA

Docente: Nuno Alão

Ano letivo 2022-2023 1º Semestre