

## AULA 6 \_ 6 de abril de 2021

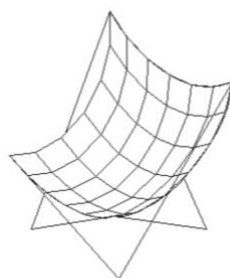
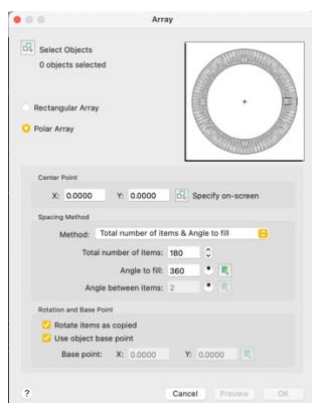
- \_ Visualização de alguns trabalhos em desenvolvimento do exercício do pormenor.
- \_ Esclarecimento de dúvidas.
- \_ Execução do exercício Modelação de uma forma a partir de uma parábola
- \_ Execução do exercício Modelação de um Hiperboloide de Revolução
- \_ Visualização de um exemplo e introdução ao 3DStudioMax.

+ sites de apoio AutoCad:

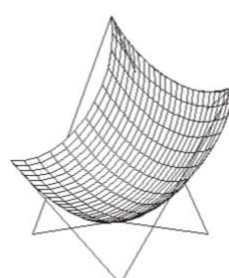
<https://knowledge.autodesk.com/support/autocad/learn-explore/caas/CloudHelp/cloudhelp/2016/ENU/AutoCAD-Core/files/GUID-669D3ECF-99C7-4109-830D-A9D095A46F25-htm.html>

<https://knowledge.autodesk.com/support/autocad/learn-explore/caas/CloudHelp/cloudhelp/2016/ENU/3PP-ACD-MAS-Wiley/files/GUID-8B007729-4B41-4C66-950E-42BB8FA961C8-htm.html>

[https://knowledge.autodesk.com/support/autocad-for-mac/learn-explore/caas/CloudHelp/cloudhelp/2021/ENU/AutoCAD-MAC-Core/files/GUID-7AF911DF-986F-4897-8651-921BE8710B14-htm.html?us\\_oa=akn-us&us\\_si=3ca58338-fa33-4e4f-be30-8f165122eaaa&us\\_st=CONVTOSURFACE%20\(Command\)](https://knowledge.autodesk.com/support/autocad-for-mac/learn-explore/caas/CloudHelp/cloudhelp/2021/ENU/AutoCAD-MAC-Core/files/GUID-7AF911DF-986F-4897-8651-921BE8710B14-htm.html?us_oa=akn-us&us_si=3ca58338-fa33-4e4f-be30-8f165122eaaa&us_st=CONVTOSURFACE%20(Command))



Surftab1 and Surftab2 are set to 6.

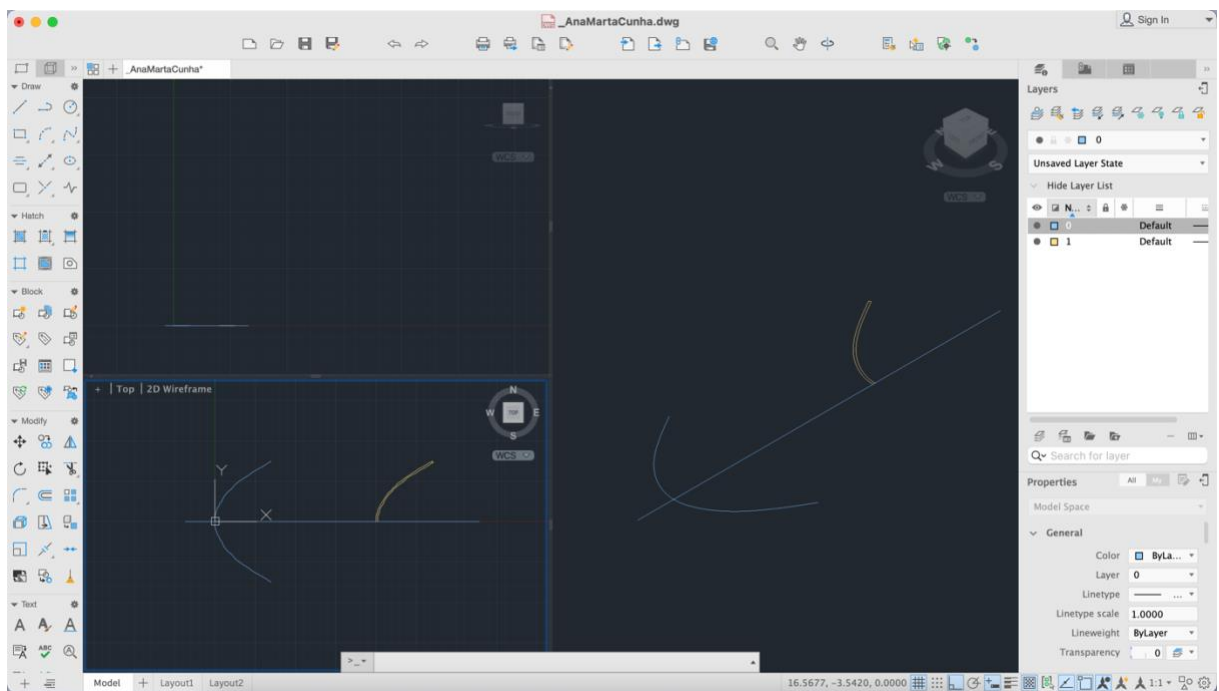
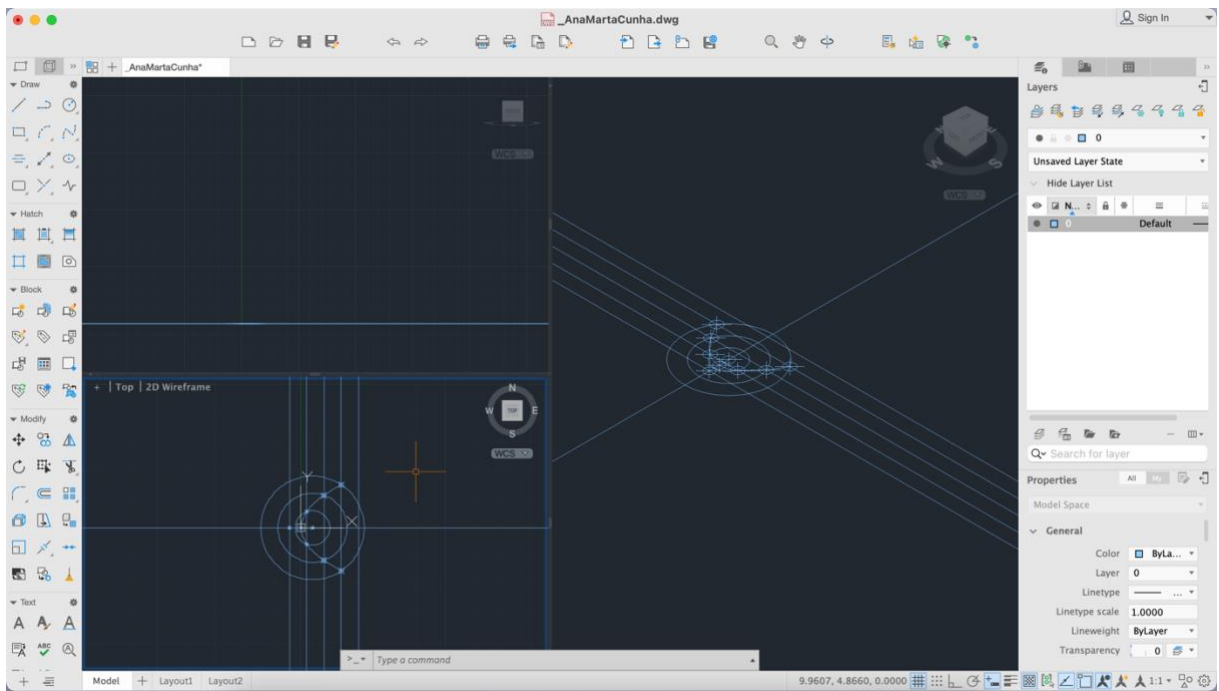


Surftab1 is set to 12 and Surftab2 is set to 24.

comandos utilizados:

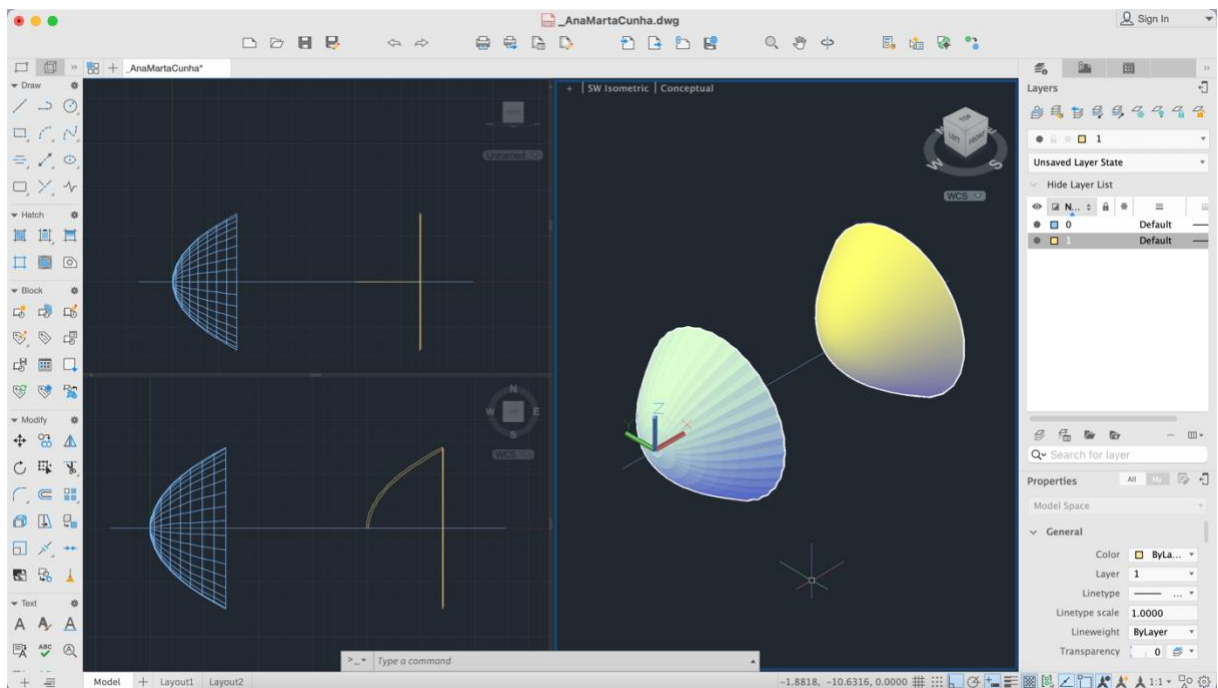
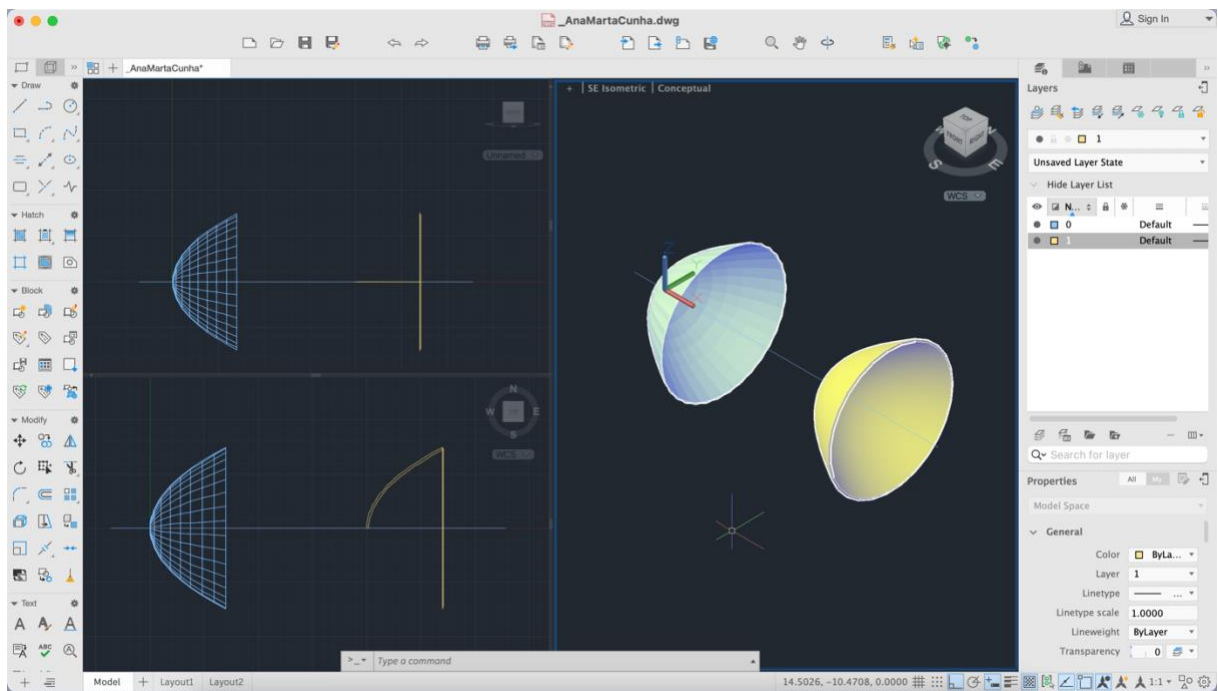
- \_ VPORTS
- \_ XLINE
- \_ PTYPE
- \_ JOIN
- \_ REVOLVE
- \_ REVSURF
- \_ SURFTAB1
- \_ SURFTAB2
- \_ OSNAP
- \_ ARRAYCLASSIC
- \_ CONVTOSURFACE
- \_ SMOOTHMESHCONVERT

## EXERCÍCIO \_ Modelação de uma forma a partir de uma parábola



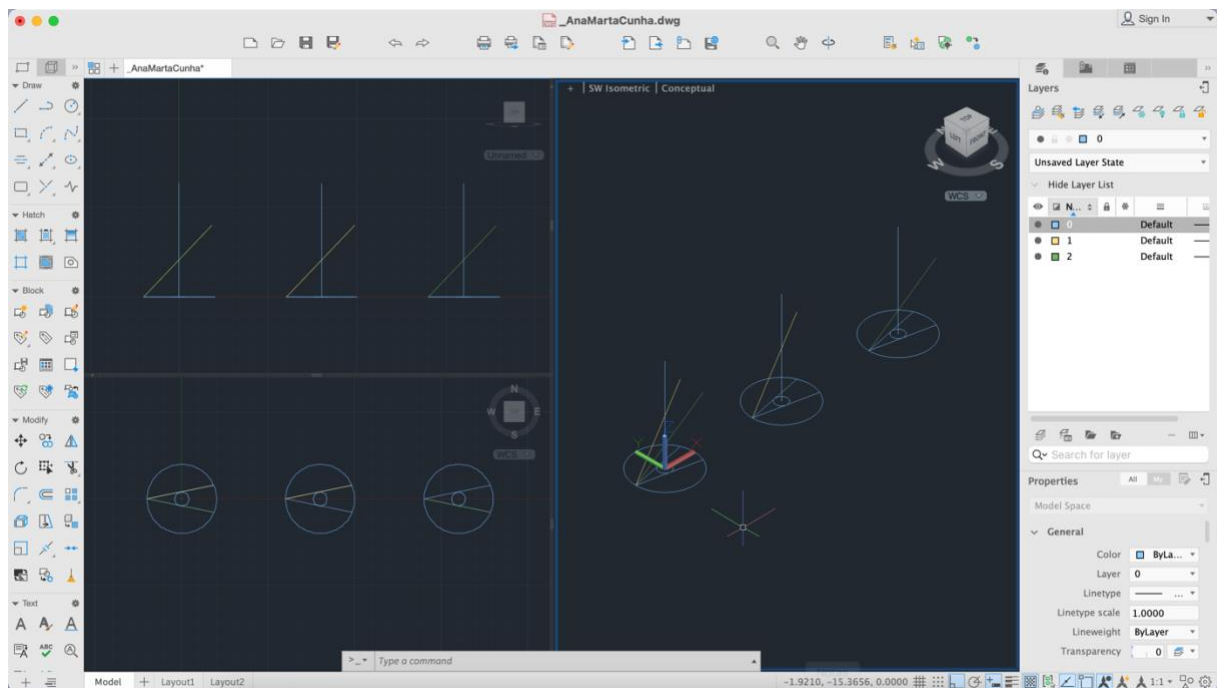
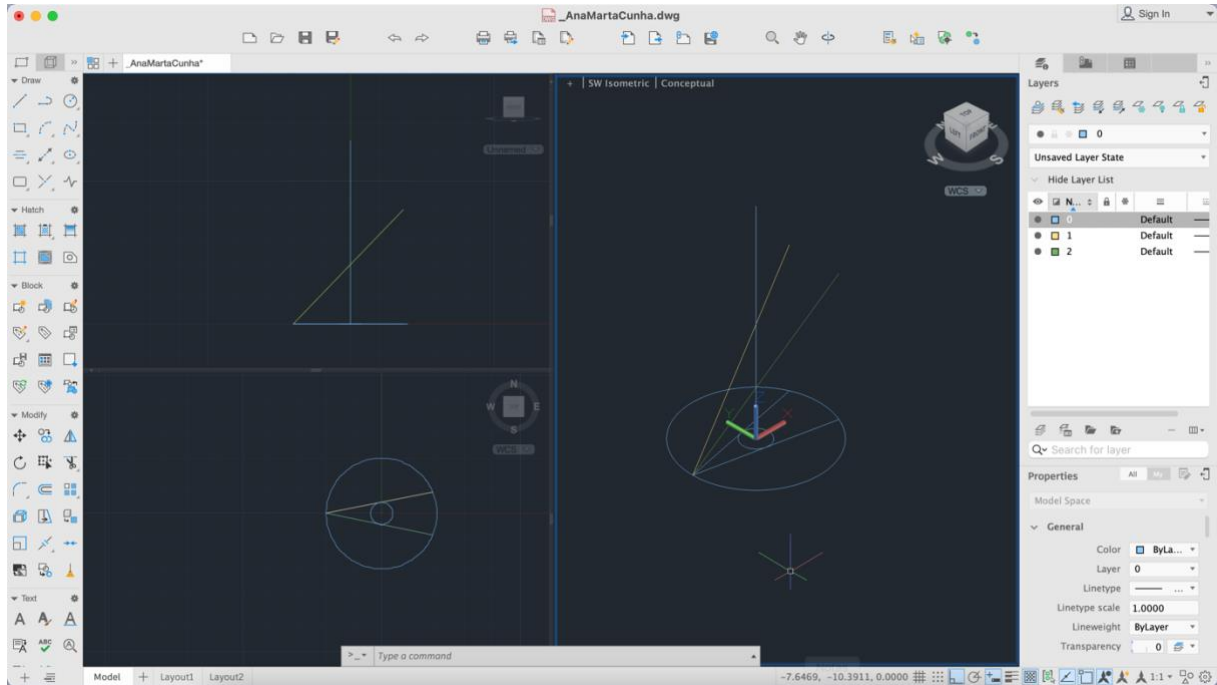
+ (XLINE)

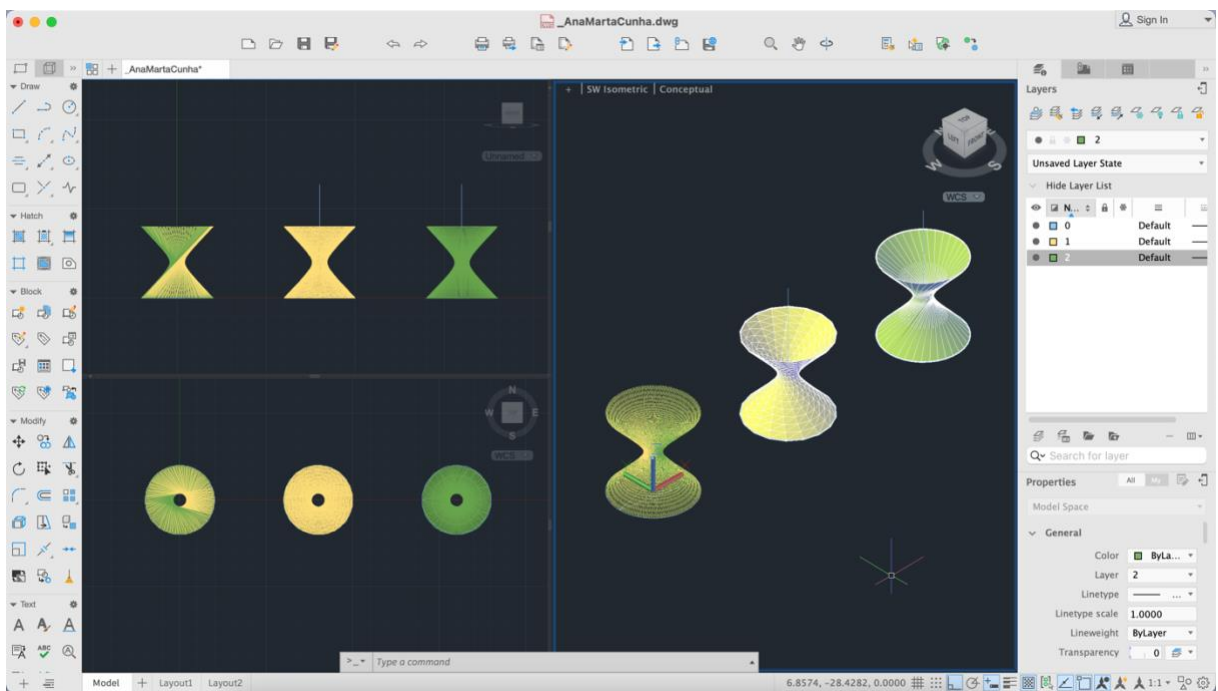
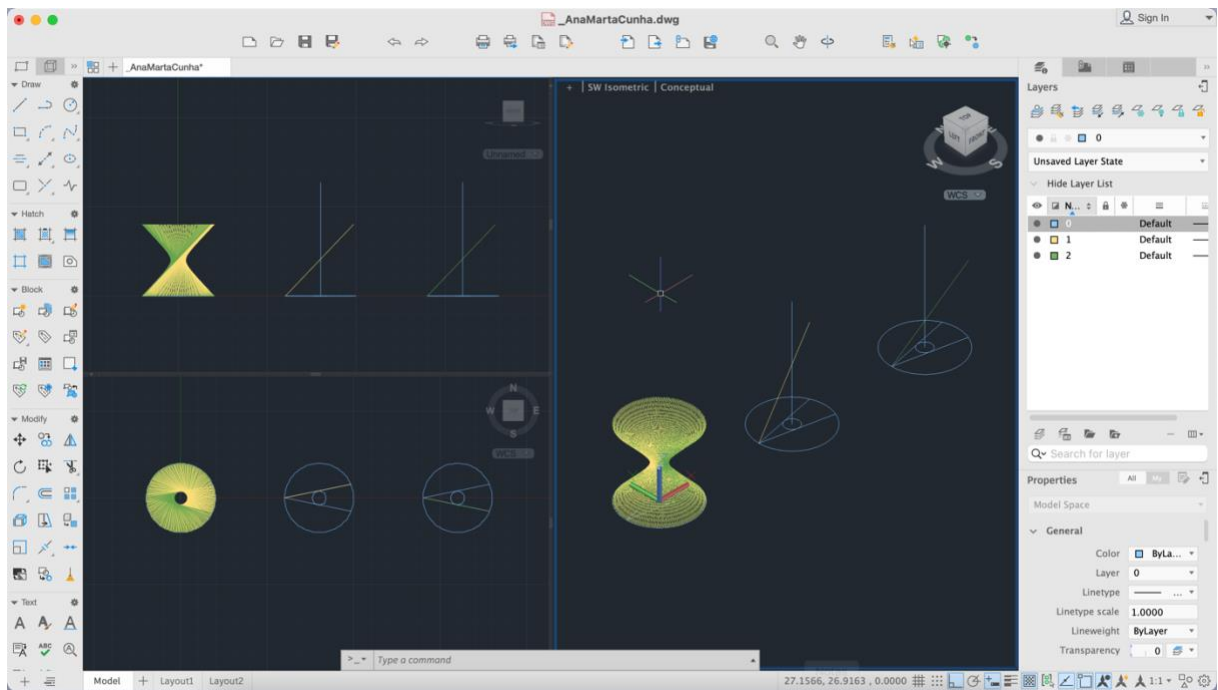
+ (PTYPE)



- + (REVSURF – desenvolver forma a partir de um perfil e de um eixo)
- + (SURFTAB1, SURFTAB2 – definem os segmentos que compõem uma malha)
- + CASO 1 (azul): REVSURF (SURFTAB1 = 17 e SURFTAB2 = 17)
- + CASO 2 (amarelo): REVOLVE

# EXERCÍCIO \_ Modelação de um Hiperboloide de Revolução





+ CASO 1: ARRAYCLASSIC (Polar Array; 180; 360)

+ CASO 2: REVSURF; SMOOTHMESHCONVERT (3); CONVTOSURFACE

+ CASO 3: REVSURF; SMOOTHMESHCONVERT (0); CONVTOSURFACE