

Modelação e Visualização Tridimensional em Arquitectura

20201259



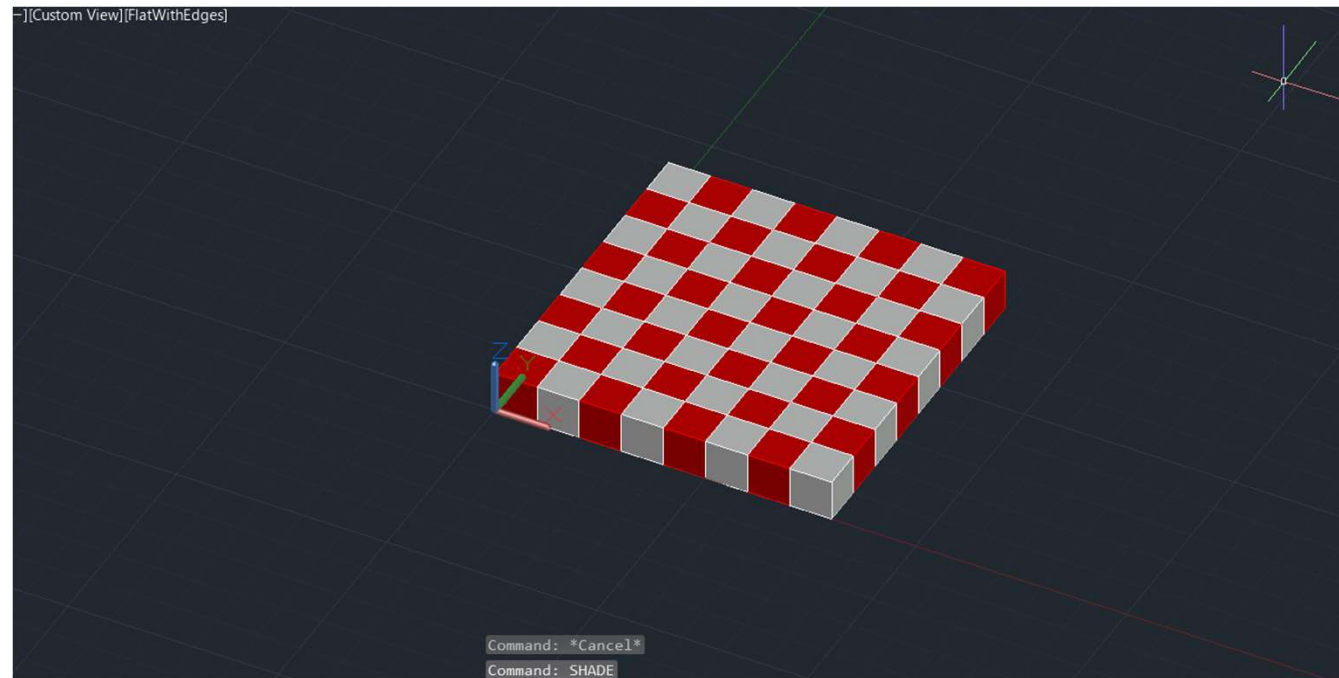
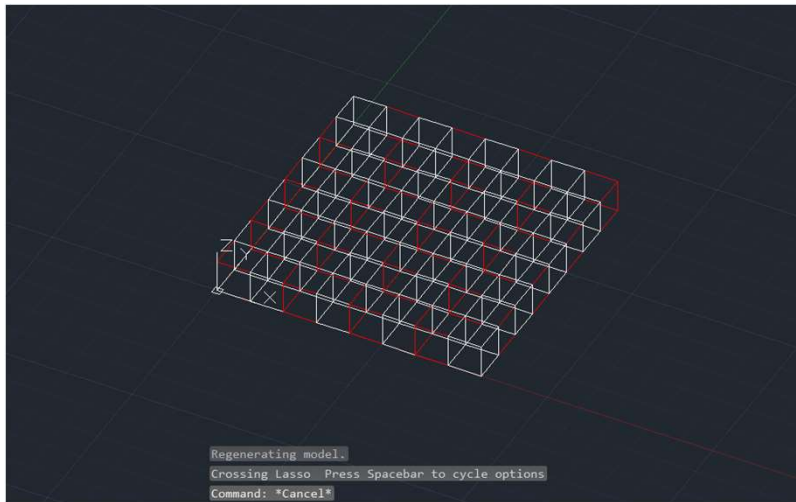
LEANDRA BORGES

ÍNDICE

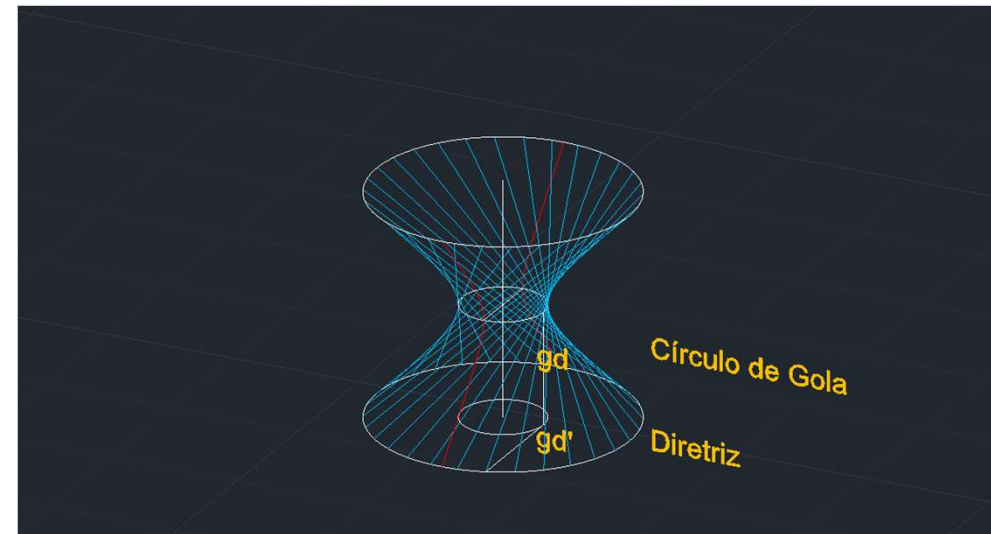
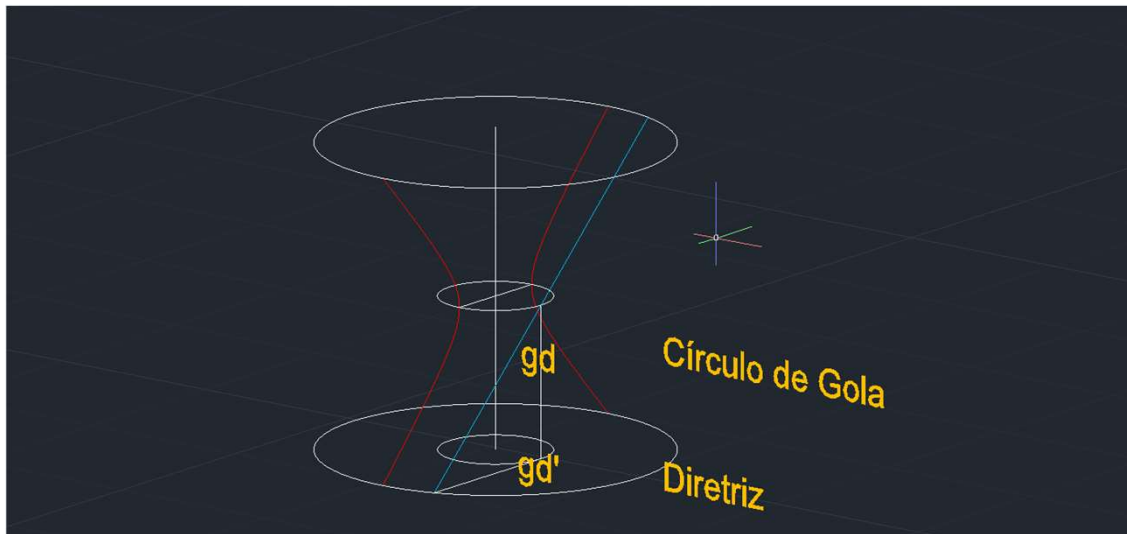
- 5. Xadrez
- 6. Hiperbolóide de Revolução
- 7. Helix

```
(Defun c:Xad ())
```

```
(command "box" "0,0,0" "10,10,10")  
(command "copy" "last" "" "0,0" "10,10")  
(command "mirror" "all" "" "10,0" "10,10" "")  
(command "chprop" "previous" "" "c" "1" "")  
(command "array" "all" "" "R" "4" "4" "20" "20" "")  
)
```

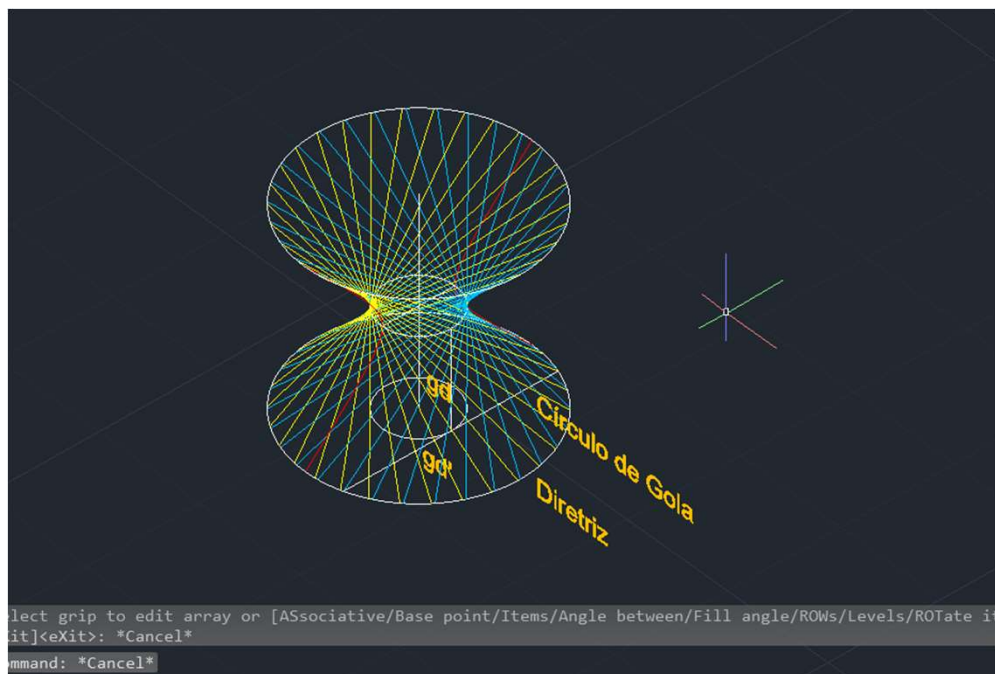


Exerc. 5 – Xadrez

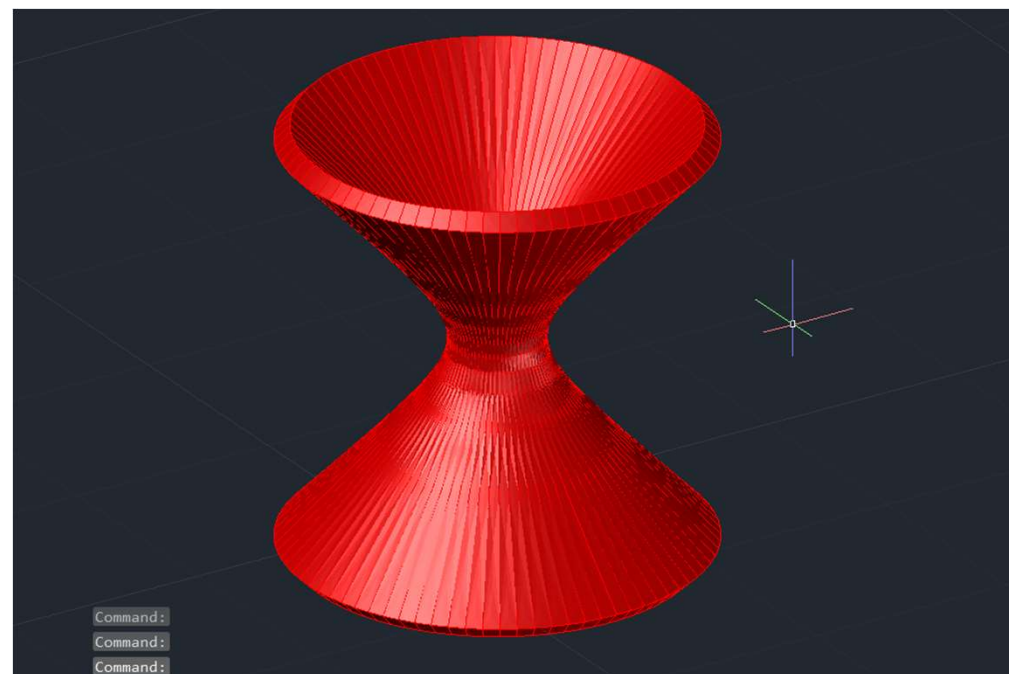


Comando *Array* com a diagonal criada

Exerc. 6.1 – Hiperbolóide de Revolução



Comando *Array* com a diagonal com a segunda diagonal criada

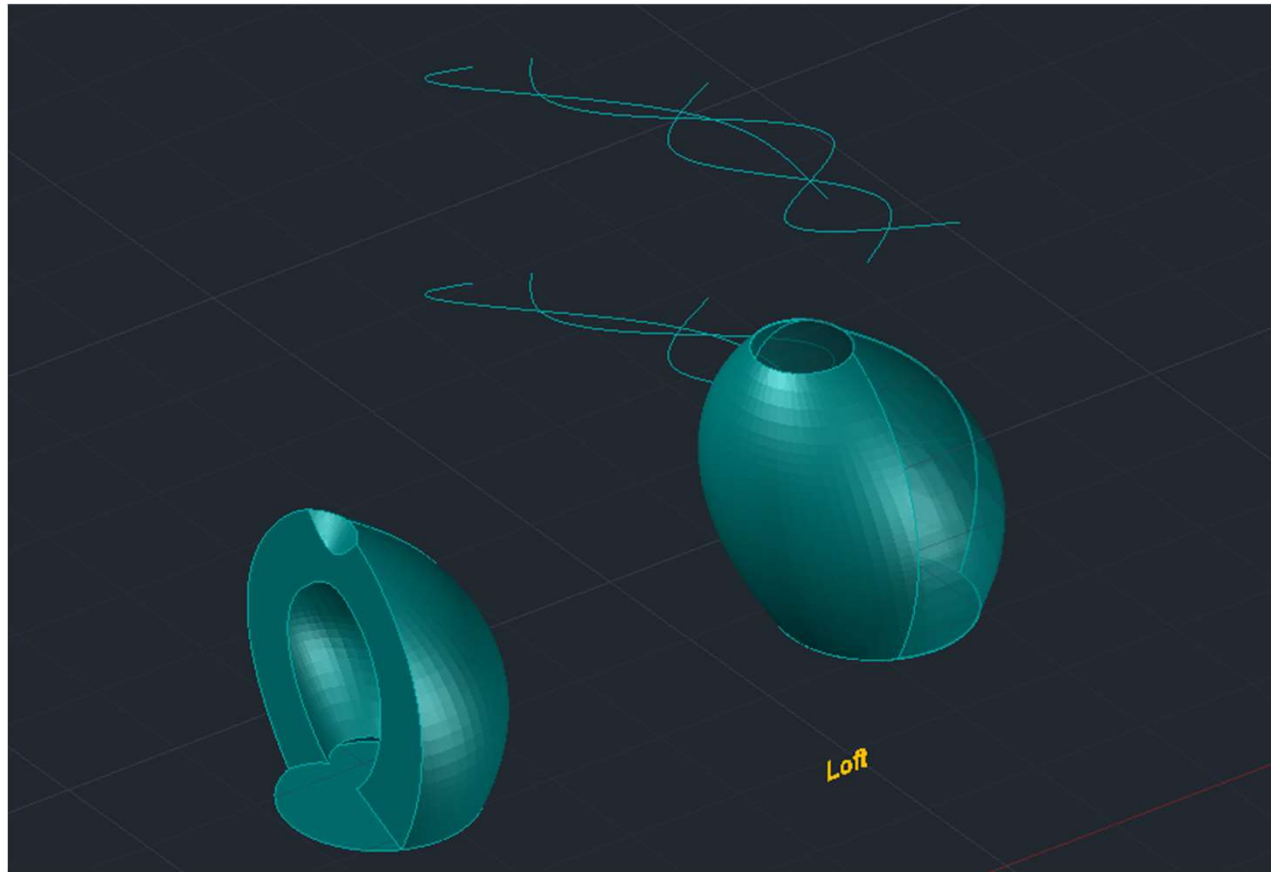


Comando *Shade* e *Thicken*

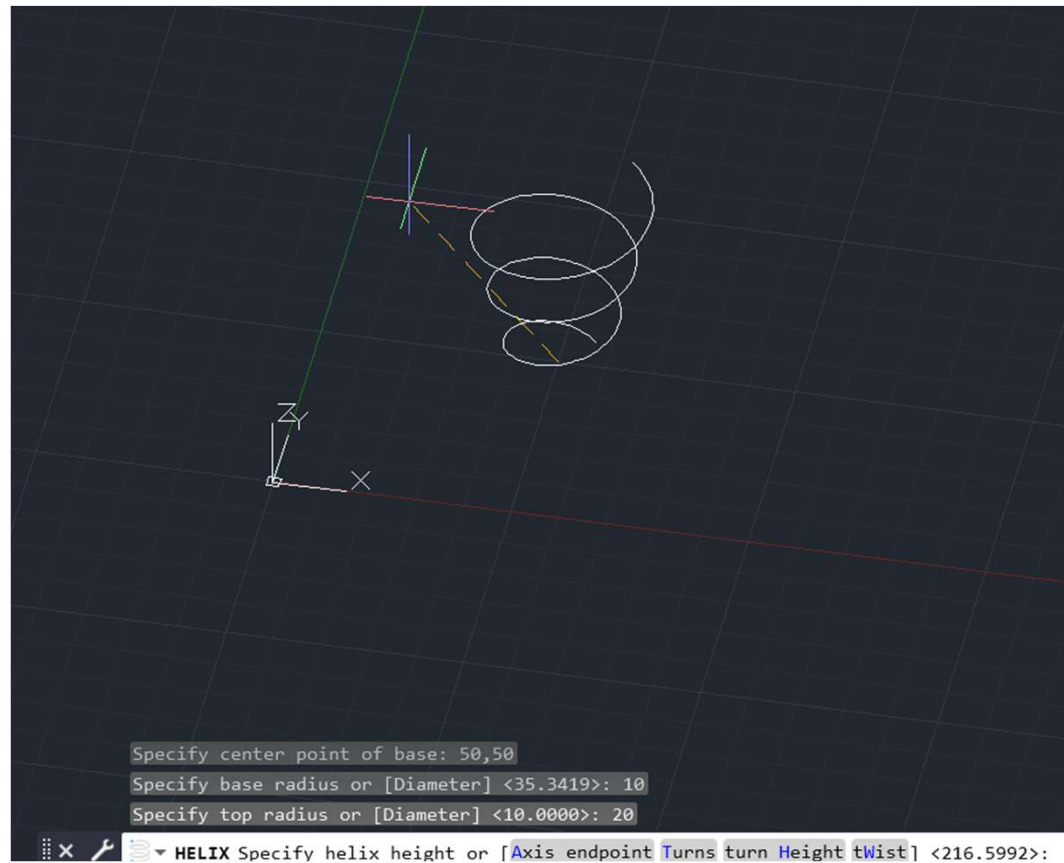
Exerc. 6.2 – Hiperbolóide de Revolução



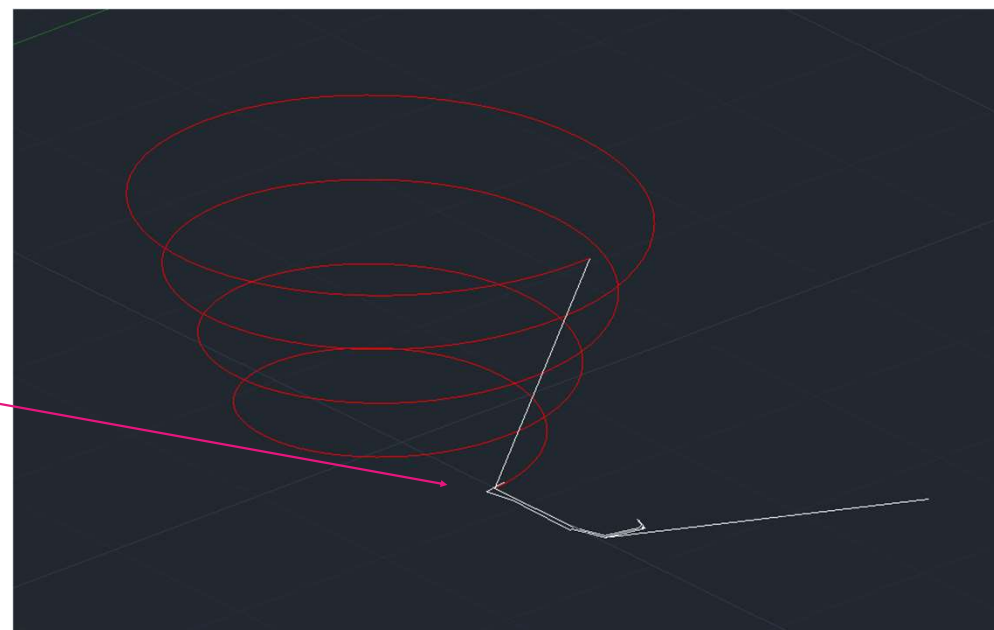
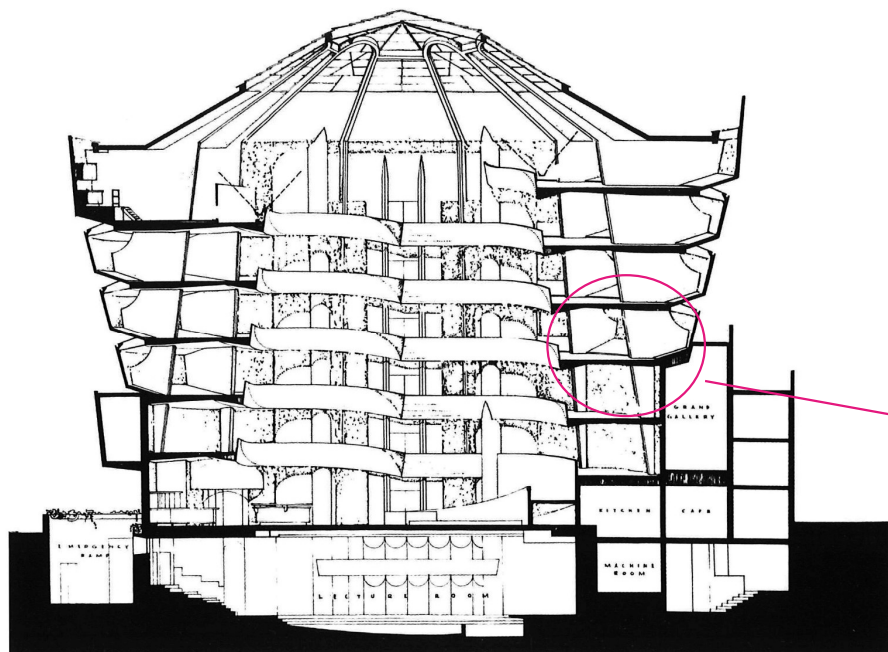
Exerc. 6 – Parabolóide Hiperbólica



Exerc. 6.3 – Introdução comando *Loft*

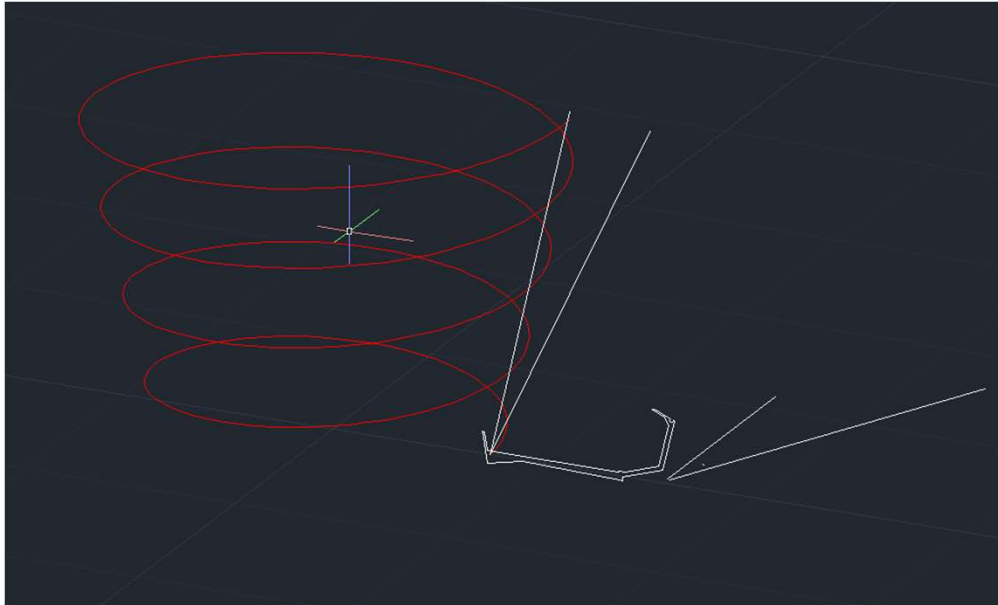


Exerc. 7 - Helix



Reprodução no Autocad de uma parte da secção do *Museu Solomon R. Guggenheim (NY)*

Exerc. 7 - Helix



Comando 3DRotate no desenho da secção para o plano vertical e alinhamento da Helix com a inclinação da secção

Comando Extrude no desenho da secção combinado com Path através da helix

Exerc. 7 - Helix