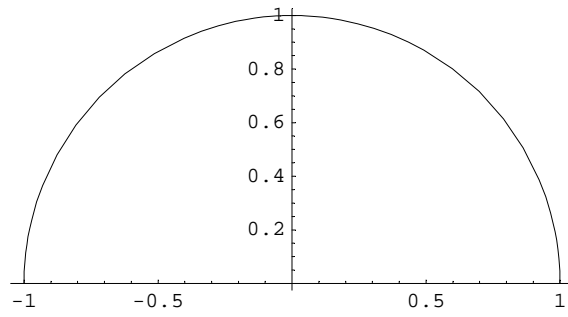
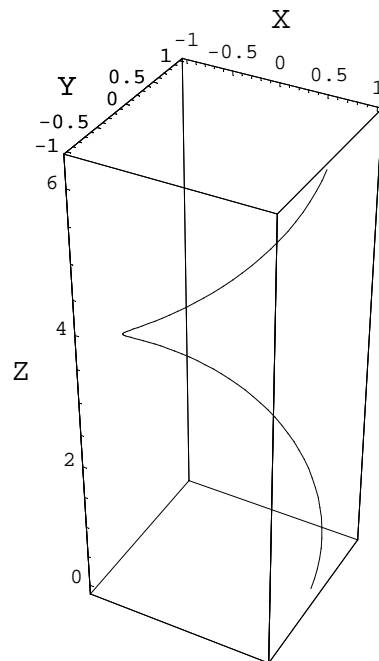


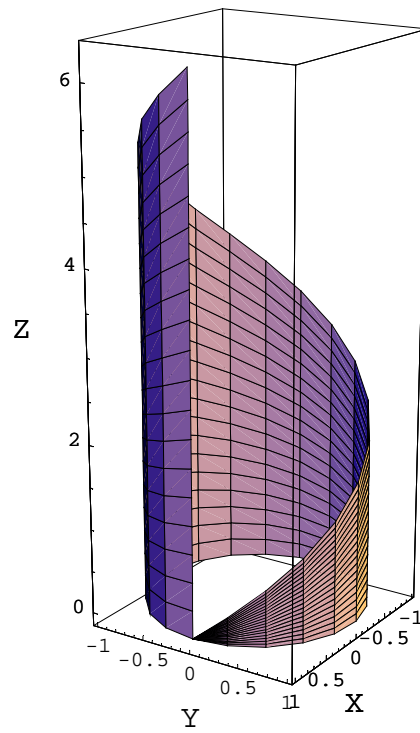
$$x = \cos(t), y = \sin(t); 0 \leq t \leq \pi$$



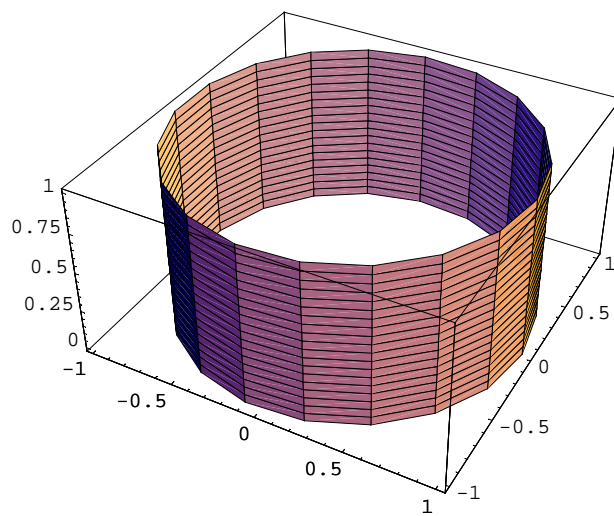
$$x = \cos(t), y = \sin(t), z = t; 0 \leq t \leq 2\pi$$



Hélice Cilíndrica

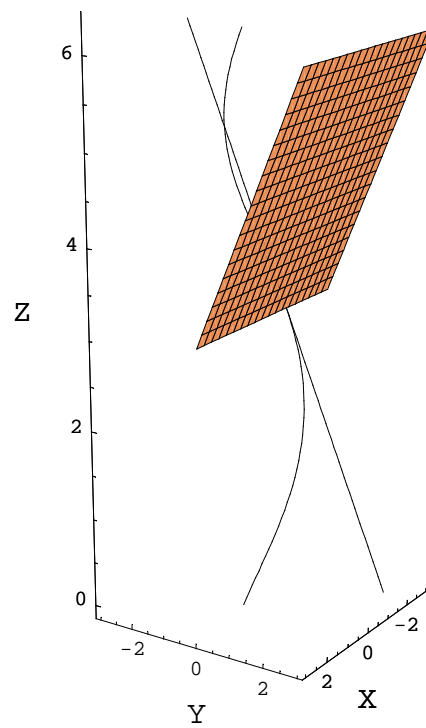
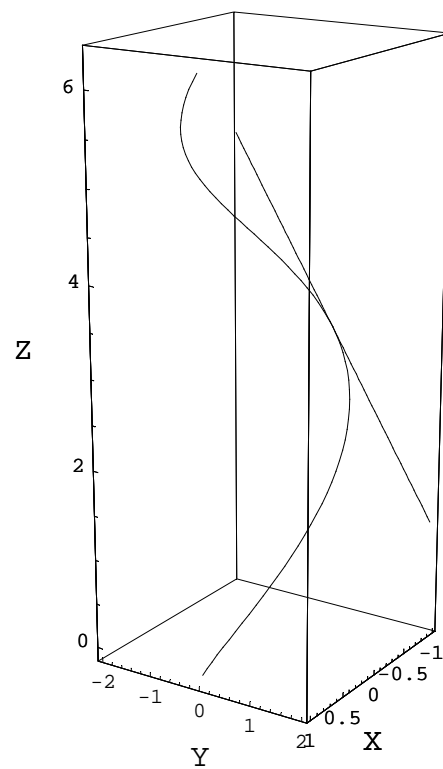


$$x = \cos(t), y = \sin(t), z = s; 0 \leq t \leq 2\pi; 0 \leq s \leq 1$$



Recta tangente e Plano normal a uma curva

Ponto = $(-1, 0, \pi)$



Plano tangente e Recta normal a uma superfície
Ponto = (1, 0, 1)

