1. Ejercicios

$y'' + y' = 4x + 10sin(x)$
$(x^2 + x)t'' + 2y' - 2y = 0$
$y'' + \frac{cos(x)}{sen(x)}y' + 2y = 0$
$y'' - 2y' + y = e^x$
$(D^3 + 2D^2 - D - 2)y = e^x + x^2$
$(D^4 - 2D^3)y = x^3 + 3x^2$
$(x^2 + 1)y'' - 2xy + 2y = 0$
$(D^2 - 2D + 3)y = x^3 + sin(x)$