$$\frac{d^2y}{dt^2} + y = sen(2t)$$
, com $y(0) = 2 e^{\frac{dy(0)}{dt}} = 1$

$$s^{2} Y(s) - 5y(c) - 7'(c) + Y(s) = \frac{s^{2} + 4}{2}$$

$$\gamma(s)(s^2+1)-3s-1=2$$

$$\gamma_{(2)}(s^2+1) = 2 + 3s+1 = \gamma_{(2)}(s^2+1) = 2 + (s^2+21)(3s+1)$$

$$\frac{1}{1}(s) = \frac{2 + (s^2 + 4)(3s + 1)}{2 + (s^2 + 4)(5s^2 + 1)} = \frac{2 + 2s^3 + s^2 + 8s + 4}{2 + 2s^3 + s^2 + 8s + 4}$$

$$\lambda(z) = \frac{(z_3 + y_1)(z_5 + 1)}{gz_3 + z_5 + gz_5 + g}$$