

$\exists DO(z) \perp cc NH.$ con CI.

$$\frac{d^2 y}{dt^2} - 2 \frac{dy}{dt} + 2y = 5 \cos(2t)$$

$$y(0) = 1$$

$$y'(0) = -1$$

$$\text{SolucionParticular} := y(t) = -\frac{1}{2} e^t \sin(t) + \frac{3}{2} e^t \cos(t) - \sin(2t) - \frac{1}{2} \cos(2t)$$

$$\frac{d^2 y}{dt^2} = 2 \frac{dy}{dt} - 2y + 5 \cos(2t)$$

