

Problema Presa-Depredador

$C(t)$
Conejos

$L(t)$
Lobos.

$$\frac{dL(t)}{dt} = -0.16 L(t) + 0.08 C(t) * L(t)$$

$$\frac{dC(t)}{dt} = 4.5 C(t) - 0.9 L(t) * C(t).$$

$$L(0) = 4 \times 10^2 \quad C(0) = 4 \times 10^2$$