$$y(t) = m_{in} - m_{u+}$$
 $y(t) = m_{in} - m_{u+}$
 $y(t) = m_{in} -$

$$m_{in} = 0.50 = 0 \iff mangden forosenat vatter(in) per minut (L/min)$$
 $m_{in} = \frac{y(t)}{3000} \cdot 50 = \frac{1}{60} \cdot y(t) \iff mangden forosenat vatter(ut) per minut (L/min)$

Lonsentrationen (sc 5.363)
av Fordrening i bassangen
vid tiden t

$$y'(t) = -\frac{1}{60}y(t)$$
 $= \frac{1}{60}y(t) + \frac{1}{60}y(t) = 0$
 $y'(t) = \frac{1}{60}y(t) = \frac{1}{60}y(t) = 0$
 $y'(t) + \frac{1}{60}y(t) = 0$

$$y(x) \cdot e^{1/\omega t} = \int o dt = C$$

$$y(o) = C = 150$$

$$y(0) = C - 130$$

 $y(t_0) = 150 e^{-1/60^{t_0}} = 30 \Leftrightarrow z = 1/5 \Leftrightarrow$