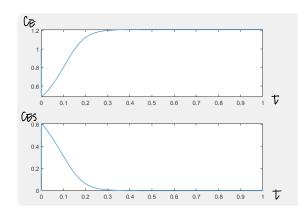
$$2 \cdot 1 \qquad \frac{dC_{\text{F}}}{dt} = k_{\text{2}}C_{\text{FS}} + k_{\text{3}}C_{\text{FS}} - k_{\text{1}}C_{\text{FS}}C_{\text{S}}$$

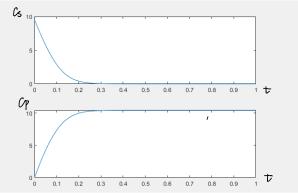
$$\frac{dCs}{dv} = k_2 C_{ES} - k_1 C_{EC}$$

$$\frac{dC_{ES}}{dt} = K_1C_EC_5 - K_2C_{ES} - K_3C_{ES}$$

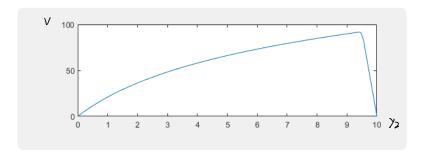
$$\frac{dCP}{dt} = k_3 CES$$

$$\frac{dcp}{dt} = 150 CBS$$





2,3



The maximum value Vm is 90.