$$\text{mgSin}\Phi + c \left[\frac{I}{(5-x)} \right] - k(x-\delta) - b\mathring{x} = \frac{7m\mathring{x}}{5}$$

$$\begin{array}{ccc}
\boxed{2} & \boxed{J} = & V - IR \\
& L_o + L_c^{-K(E-x)}
\end{array}$$

$$\begin{bmatrix} Z_1 = x \\ Z_2 = Z_1 \end{bmatrix} = \frac{5m}{7} \left(\frac{23}{5} - \frac{1}{5} - \frac{1}{$$

$$\dot{Z}_3 = \frac{V - Z_3 R}{\sqrt{\sigma + \sqrt{\kappa (6 - Z_1)}}}$$

$$Z = \begin{bmatrix} \overline{Z}_1 \\ \overline{Z}_2 \\ \overline{Z}_3 \end{bmatrix} = \begin{bmatrix} \overline{Z}_2 \\ \underline{Sm} \left(\text{mgSin} \phi + c \left[\frac{\overline{Z}_3}{(\delta - \overline{Z}_1)} \right]^2 h(\overline{Z}_1 - \overline{S}) - b\overline{Z}_2 \right] \\ \frac{V - \overline{Z}_3 R}{L_0 + L_R}$$

$$Z = \begin{bmatrix} x \\ \dot{x} \\ - \end{bmatrix}$$