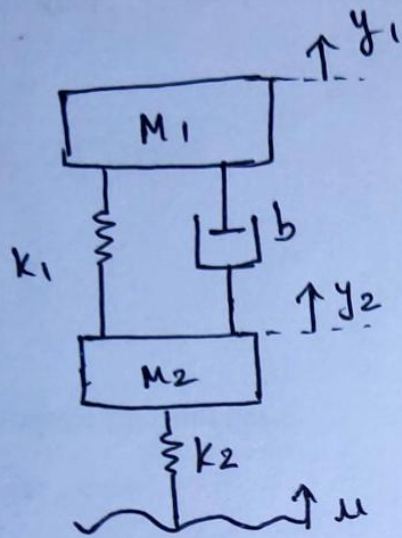


②



$$M_1 \ddot{y}_1 + b(\dot{y}_1 - \dot{y}_2) + k_1(y_1 - y_2) = 0$$

$$M_2 \ddot{y}_2 + b(\dot{y}_2 - \dot{y}_1) + k_1(y_2 - y_1) + k_2(y_2 - u) = 0$$

considered value,

$$M_1 = 150$$

$$M_2 = 20$$

$$k_1 = 0.5$$

$$k_2 = 0.6$$

$$b = 45$$