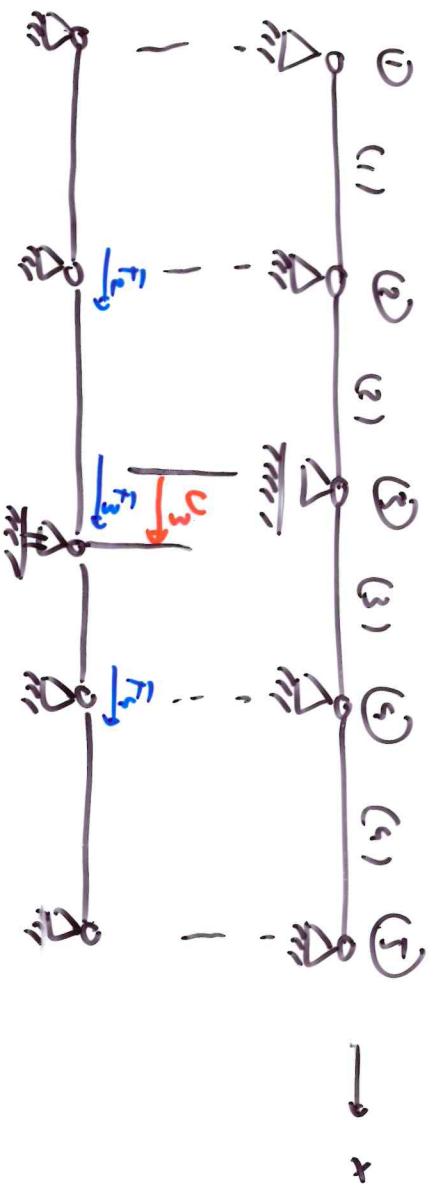


$$F_1 = -k_1 U_2, \quad F_2 = -F_1 - F_3, \quad F_3 = -k_2 \cdot U_2, \quad F_4 = 0, \quad F_5 = 0$$

$$\rightarrow F_2 = k_1 U_2 + k_2 U_2$$

$$\rightarrow F_2 = +(k_1 + k_2) U_2$$

Test 3



$$F_1 = 0$$

$$F_2 = -k_2 U_3, \quad F_3 = -F_2 - F_4, \quad F_4 = -k_3 \cdot U_3, \quad F_5 = 0$$

$$\rightarrow F_3 = +k_2 U_3 + k_3 U_3$$

$$\rightarrow F_3 = (k_2 + k_3) \cdot U_3$$