

$$\text{do } (3-a) (4-b) (5-c) (6-d)$$

$$5T_1 + 2T_2 - T_3 - T_4 + 2T_5 + T_6 = -3 \quad \text{--- (1)}$$

$$0 + 0.6T_2 - 1.8T_3 + 1.2T_4 + 2.6T_5 - 1.2T_6 = 4.6 \quad \text{--- (2)}$$

$$0 + 0 - 4T_3 + 6T_4 + 8T_5 - 7T_6 = 35 \quad \text{--- (3)}$$

$$0 + 0 + 5T_3 - 6T_4 - \frac{24}{3}T_5 + 6T_6 = -\frac{103}{3} \quad \text{--- (4) } \checkmark$$

$$0 + 0 + 2T_3 + 2T_4 + \frac{4}{3}T_5 + 4T_6 = \frac{38}{3} \quad \text{--- (5) } \neq$$

$$0 + 0 + 6T_3 - 8T_4 - \frac{32}{3}T_5 + 0T_6 = -\frac{208}{15} \quad \text{--- (6) } \neq$$

$$0 + 0 + 6T_3 - 8T_4 - \frac{32}{3}T_5 + 0T_6 = -\frac{208}{15}$$

$$\frac{5}{-4} \times (3) = 0 + 0 + 5T_3 - 7.5T_4 - 10T_5 + 8.75T_6 = -43.75 \quad \text{--- (7) } \checkmark$$

$$\frac{2}{-4} \times (3) = 0 + 0 + 2T_3 - 3T_4 - 4T_5 + 3.5T_6 = -17.5 \quad \text{--- (8) } \neq$$

$$\frac{6}{-4} \times (3) = 0 + 0 + 6T_3 - 9T_4 - 12T_5 + 10.5T_6 = -52.5 \quad \text{--- (9) }$$

$$\text{do } (4-a) (5-b) (6-c)$$

$$0 + 0 + 0 + 1.5T_4 + \frac{1}{3}T_5 - 2.75T_6 = \frac{113}{12} \quad \checkmark$$

$$0 + 0 + 0 + 5T_4 + \frac{16}{3}T_5 + 0.5T_6 = \frac{181}{6} \quad \neq$$

$$0 + 0 + 0 + T_4 + \frac{4}{3}T_5 - 10.5T_6 = \frac{1159}{30} \quad \neq$$

$$5T_1 + 2T_2 - T_3 - T_4 + 2T_5 + T_6 = -3 \quad \text{--- (1)}$$

$$0 + 0.6T_2 - 1.8T_3 + 1.2T_4 + 2.6T_5 - 1.2T_6 = 4.6 \quad \text{--- (2)}$$

$$0 + 0 - 4T_3 + 6T_4 + 8T_5 - 7T_6 = 35 \quad \text{--- (3)}$$

$$0 + 0 + 0 + 1.5T_4 + \frac{1}{3}T_5 - 2.75T_6 = \frac{113}{12} \quad \text{--- (4) } \checkmark$$

$$0 + 0 + 0 + 5T_4 + \frac{16}{3}T_5 + 0.5T_6 = \frac{181}{6} \quad \text{--- (5) } \times$$

$$0 + 0 + 0 + T_4 + \frac{4}{3}T_5 - 10.5T_6 = \frac{1159}{30} \quad \text{--- (6) } \neq$$

$$\frac{5}{1.5} \times (4) = 0 + 0 + 0 + 5T_4 + \frac{10}{9}T_5 - \frac{55}{6}T_6 = \frac{565}{18} \quad \text{--- (7) } \neq$$

$$\frac{1}{1.5} \times (4) = 0 + 0 + 0 + T_4 + \frac{2}{9}T_5 - \frac{11}{6}T_6 = \frac{113}{18} \quad \text{--- (8) } \neq$$

$$\text{do } (5-a) (6-b)$$

$$5T_1 + 2T_2 - T_3 - T_4 + 2T_5 + T_6 = -3 \quad \text{--- (1)}$$

$$0 + 0.6T_2 - 1.8T_3 + 1.2T_4 + 2.6T_5 - 1.2T_6 = 4.6 \quad \text{--- (2)}$$

$$0 + 0 - 4T_3 + 6T_4 + 8T_5 - 7T_6 = 35 \quad \text{--- (3)}$$

$$0 + 0 + 0 + 1.5T_4 + \frac{1}{3}T_5 - 2.75T_6 = \frac{113}{12} \quad \text{--- (4)}$$

$$0 + 0 + 0 + 0 + \frac{38}{9}T_5 + \frac{29}{3}T_6 = -\frac{11}{9} \quad \text{--- (5)}$$

$$0 + 0 + 0 + 0 + \frac{10}{9}T_5 - \frac{26}{3}T_6 = \frac{1406}{45} \quad \text{--- (6)}$$

$$\begin{aligned} \times T_1 + T_2 - 2T_3 + T_4 + 3T_5 - T_6 &= 4 \\ \times 2T_1 - T_2 + T_3 + 2T_4 + T_5 - 3T_6 &= 20 \\ \times T_1 + 3T_2 - 3T_3 - T_4 + 2T_5 + T_6 &= -15 \\ \times 5T_1 + 2T_2 - T_3 - T_4 + 2T_5 + T_6 &= -3 \end{aligned}$$

$$\begin{aligned} \times -3T_1 - T_2 + 2T_3 + 3T_4 + T_5 + 3T_6 &= 16 \\ 4T_1 + 3T_2 + T_3 - 6T_4 - 3T_5 - 2T_6 &= -27 \end{aligned}$$

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$$5T_1 + 2T_2 - T_3 - T_4 + 2T_5 + T_6 = -3 \quad \text{--- (1)}$$

$$T_1 + T_2 - 2T_3 + T_4 + 3T_5 - T_6 = 4 \quad \text{--- (2)}$$

$$2T_1 - T_2 + T_3 + 2T_4 + T_5 - 3T_6 = 20 \quad \text{--- (3)}$$

$$T_1 + 3T_2 - 3T_3 - T_4 + 2T_5 + T_6 = -15 \quad \text{--- (4)}$$

$$-3T_1 - T_2 + 2T_3 + 3T_4 + T_5 + 3T_6 = 16 \quad \text{--- (5)}$$

$$4T_1 + 3T_2 + T_3 - 6T_4 - 3T_5 - 2T_6 = -27 \quad \text{--- (6)}$$

$$\frac{1}{5} \times (1) = T_1 + 0.4T_2 - 0.2T_3 - 0.2T_4 + 0.4T_5 + 0.2T_6 = -0.6 \quad \text{--- (a)}$$

$$\frac{2}{5} \times (1) = 2T_1 + 0.8T_2 - 0.4T_3 - 0.4T_4 + 0.8T_5 + 0.4T_6 = -1.2 \quad \text{--- (b)}$$

$$\frac{1}{5} \times (1) = T_1 + 0.4T_2 - 0.2T_3 - 0.2T_4 + 0.4T_5 + 0.2T_6 = -0.6 \quad \text{--- (c)}$$

$$\frac{3}{5} \times (1) = -3T_1 - 1.2T_2 + 0.6T_3 + 0.6T_4 - 1.2T_5 - 0.6T_6 = 1.8 \quad \text{--- (d)}$$

$$\frac{4}{5} \times (1) = 4T_1 + 1.6T_2 - 0.8T_3 - 0.8T_4 + 1.6T_5 + 0.8T_6 = -2.4 \quad \text{--- (e)}$$

do (2-a) (3-b) (4-c) (5-d) (6-e)

$$5T_1 + 2T_2 - T_3 - T_4 + 2T_5 + T_6 = -3 \quad \text{--- (1)}$$

$$(1) + 0.6T_2 - 1.8T_3 + 1.2T_4 + 2.6T_5 - 1.2T_6 = 4.06 \quad \text{--- (2)}$$

$$(1) - 1.8T_2 + 1.4T_3 + 2.4T_4 + 0.2T_5 - 3.4T_6 = 21.2 \quad \text{--- (3)}$$

$$(1) + 2.6T_2 - 2.8T_3 - 0.8T_4 + 1.6T_5 + 0.8T_6 = -14.4 \quad \text{--- (4)}$$

$$(1) + 0.2T_2 + 1.4T_3 + 2.4T_4 + 2.2T_5 + 3.6T_6 = 14.2 \quad \text{--- (5)}$$

$$(1) + 1.4T_2 + 1.8T_3 - 5.2T_4 - 4.8T_5 - 2.8T_6 = -24.6 \quad \text{--- (6)}$$

$$\frac{-1.8}{0.6} \times (2) = (1) - 1.8T_2 + 5.4T_3 - 3.6T_4 - 7.8T_5 + 3.6T_6 = -13.8 \quad \text{--- (7)}$$

$$\frac{2.6}{0.6} \times (2) = (1) + 2.6T_2 - 7.8T_3 + 5.2T_4 + \frac{16.9}{15}T_5 - 5.2T_6 = \frac{29.9}{15} \quad \text{--- (8)}$$

$$\frac{0.2}{0.6} \times (2) = (1) + 0.2T_2 - 0.6T_3 + 0.4T_4 + \frac{13}{15}T_5 - 0.4T_6 = \frac{23}{15} \quad \text{--- (9)}$$

$$\frac{1.4}{0.6} \times (2) = (1) + 1.4T_2 - 4.2T_3 + 2.8T_4 + \frac{91}{15}T_5 - 2.8T_6 = \frac{161}{15} \quad \text{--- (10)}$$