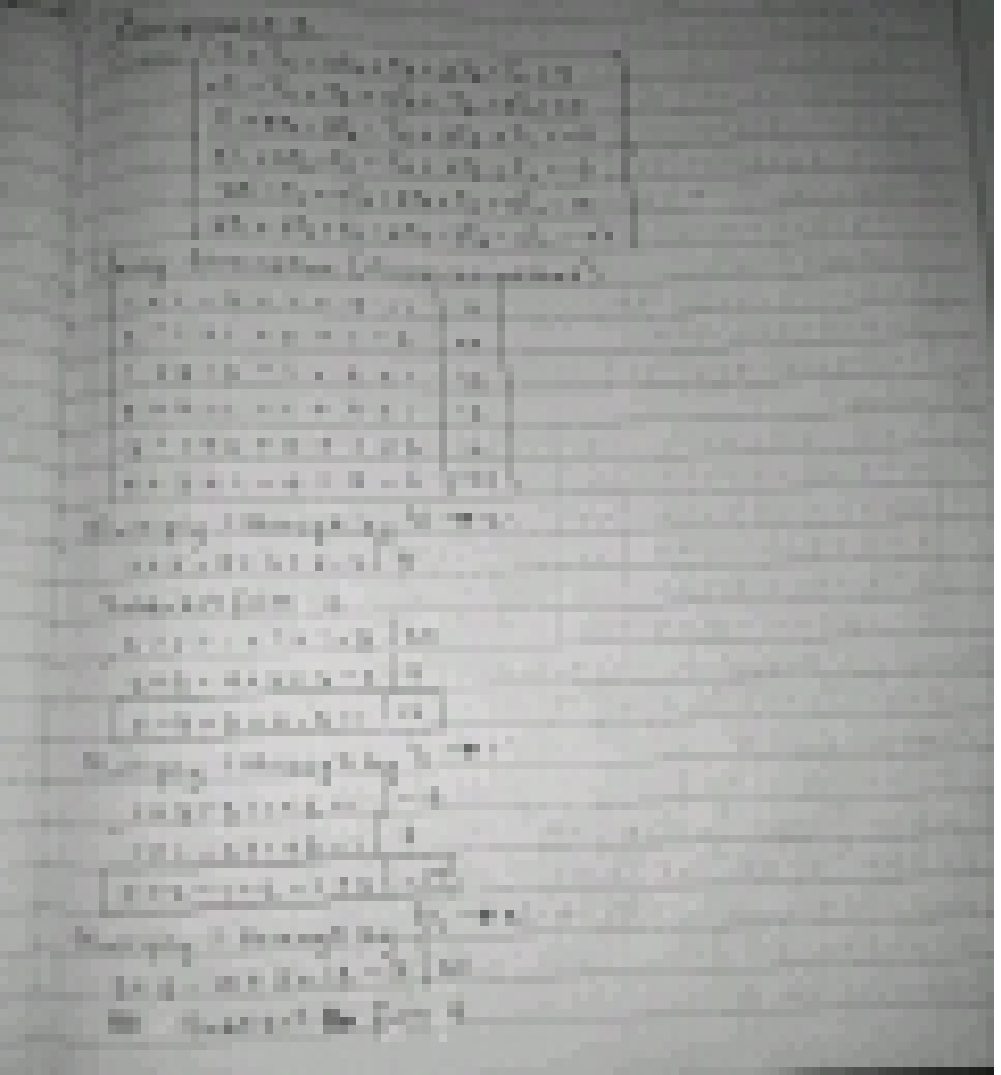

$5+2-1-1+3+1 \mid -3$

$5+5-10+5+15-5 \mid 20$

$0-5+9-6-18+6 \mid -23$

Multiply 1 by $-5/1 \rightarrow -5$:

$-5-5+6-5-9+5 \mid -18$

Subtract from 5

$-5-1+2+3+1+3 \mid 16$

$-5-5+6-5-9+5 \mid -18$

$0+2-4+6+10+6 \mid 28$

Multiply 1 by $4/1 \rightarrow 4$ to have:

$4+4-8+4+12-4 \mid 16$

Subtract from 6

$4+3+1-6-3-2 \mid -23$

$4+4-8+4+12-4 \mid 16$

$0-1+9-10-15+2 \mid -43$

Therefore:

$1+1-2+1+3-1$	4
$0-5+5+0-5-1$	12
$0+2-1-2-1+2$	-19
$0-5+9-6-13+6$	-23
$0+2-4+6+10+0$	28
$0-1+9-10-15+2$	-43

Multiply 2' through by $-2/3$ to have:

$0+2-{}^{10}/_{3}+0+{}^{10}/_{3}+{}^{2}/_{3} \mid -8$

Subtract from 3'

$0+2-1-2-1+2 \mid 19$

$0+2-{}^{10}/_{3}+0+{}^{10}/_{3}+{}^{2}/_{3} \mid -8$

$0+0+{}^{9}/_{3}-2-{}^{13}/_{3}+{}^{4}/_{3} \mid -11$

Multiply 2' through by $-3/3 \rightarrow 1$:

$0-3+5+0-5-1 \mid 12$

Subtract from 4'

$0 \quad 3 \quad 9 \quad -6 \quad -13 \quad +6 \quad | \quad -23$

$0 \quad -3 \quad +5 \quad +8 \quad -5 \quad -1 \quad | \quad 13$

$0 \quad 0 \quad +4 \quad -6 \quad -8 \quad +7 \quad | \quad -35$

Multiply 2' through by $-3/2$:

$0 \quad +2 \quad -10/3 \quad +0 \quad +10/3 \quad +2/3 \quad | \quad -8$

Subtract from 5':

$0 \quad +2 \quad -4 \quad +6 \quad +10 \quad +0 \quad | \quad 29$

$-\ 0 \quad +2 \quad -10/3 \quad +0 \quad -10/3 \quad +2/3 \quad | \quad -8$

$0 \quad +0 \quad -4/3 \quad +6 \quad +20/3 \quad -2/3 \quad | \quad 36$

Multiply 2' through by $-1/3 \rightarrow 1/3$:

$0 \quad -1 \quad +5/3 \quad +0 \quad -5/3 \quad -1/3 \quad | \quad 4$

Subtract from 6':

$0 \quad -1 \quad +9 \quad -12 \quad -15 \quad +2 \quad | \quad -42$

$-\ 0 \quad -1 \quad +5/3 \quad +0 \quad -5/3 \quad -1/3 \quad | \quad 4$

$0 \quad 0 \quad +22/3 \quad -10 \quad -40/3 \quad +5/3 \quad | \quad -47$

Therefore:

1	+1	−2	+1	+3	−1	4
0	−3	+5	+0	−5	−1	12
0	0	+4/3	−2	−10/3	+4/3	−11
0	0	+4	−6	−8	+7	−35
0	0	−2/3	+6	+20/3	−2/3	36
0	0	+22/3	−10	−40/3	+5/3	−47

Multiply 3" by $4 \times 3/7 \rightarrow 12/7$:

$0 \quad 0 \quad +4 \quad -24/7 \quad -52/7 \quad +12/7 \quad | \quad -188/7$

Subtract from 4":

$0 \quad 0 \quad +4 \quad -6 \quad -8 \quad +7 \quad | \quad -35$

$-\ 0 \quad 0 \quad +4 \quad -24/7 \quad -52/7 \quad +12/7 \quad | \quad -188/7$

$0 \quad 0 \quad 0 \quad -18/7 \quad -4/7 \quad +33/7 \quad | \quad -113/7$

Multiply 3" by $-2/3 \times 3/7 \rightarrow -2/7$:

$0 \quad 0 \quad -2/3 \quad +4/7 \quad +26/21 \quad -8/21 \quad | \quad 22/7$

Subtract from 5"

$0+0-\frac{2}{3}+6+\frac{39}{3}-\frac{2}{3}$ | 86

$0+0-\frac{2}{3}+\frac{4}{7}+\frac{24}{21}-\frac{8}{21}$ | $\frac{22}{7}$

$0+0+0+\frac{38}{3}+\frac{38}{7}-\frac{2}{7}$ | $\frac{264}{3}$

Multiply 3" by $\frac{24}{3}+\frac{3}{7} \rightarrow \frac{22}{7}$:

$0+0+\frac{22}{3}-\frac{44}{7}-\frac{286}{21}+\frac{88}{21}$ | $-\frac{242}{7}$

Subtract from 4"

$0+0+\frac{22}{3}-10-\frac{40}{3}+\frac{7}{3}$ | -47

$-\ 0+0+\frac{22}{3}-\frac{44}{7}-\frac{286}{21}+\frac{88}{21}$ | $-\frac{242}{7}$

$0+0+0-\frac{24}{3}+\frac{2}{7}-\frac{18}{7}$ | $-\frac{82}{7}$

Therefore:

$1+1-2+1+3-1$	4
$0-5+5+0-5-1$	13
$0+0+\frac{8}{3}-2-\frac{13}{3}+\frac{4}{3}$	$-\frac{11}{3}$
$0+0+0-\frac{18}{7}-\frac{4}{7}+\frac{33}{7}$	$-\frac{118}{7}$
$0+0+0+\frac{88}{3}+\frac{28}{4}-\frac{2}{4}$	$\frac{230}{4}$
$0+0+0-\frac{29}{3}+\frac{4}{7}-\frac{13}{7}$	$-\frac{84}{7}$

Multiply 4" by $\frac{38}{7}+\frac{7}{18} \rightarrow \frac{19}{9}$:

$0+0+0+\frac{38}{7}+\frac{76}{63}-\frac{209}{21}$ | $\frac{2147}{63}$

Subtract from 5"

$0+0+0+\frac{38}{7}+\frac{38}{3}-\frac{2}{3}$ | $\frac{230}{7}$

$-\ 0+0+0+\frac{38}{3}+\frac{76}{63}-\frac{209}{21}$ | $\frac{2147}{63}$

$0+0+0+0+\frac{38}{9}+\frac{29}{3}$ | $-11/9$

Multiply 4" by $-\frac{24}{3}+\frac{7}{18} \rightarrow \frac{13}{9}$:

$0+0+0-\frac{24}{7}+\frac{2}{7}-\frac{13}{7}$ | $-\frac{87}{7}$

$-\ 0+0+0-\frac{24}{3}-\frac{52}{63}+\frac{143}{21}$ | $-\frac{1469}{63}$

$0+0+0+0+\frac{10}{9}-\frac{26}{3}$ | $\frac{98}{9}$

Therefore:

$1+1-2+1+2=4$	4
$0-3+5+0-2=1$	12
$0+0+\frac{9}{2}-2-\frac{18}{2}+\frac{4}{2}$	-11
$0+0+0-\frac{18}{9}-\frac{4}{2}+\frac{88}{8}$	$-117/8$
$0+0+0+0+\frac{88}{9}+\frac{29}{3}$	$-11/9$
$0+0+0+0+\frac{29}{9}-\frac{29}{3}$	$213/19$

Multiply 5th by $\frac{29}{3} \div \frac{9}{29}$ → $\frac{5}{19}$:

$0+0+0+0+\frac{29}{9}+\frac{145}{57}$	$-319/171$

Subtract from 5th

$0+0+0+0+\frac{29}{9}-\frac{29}{3}$	$99/9$
$0+0+0+0+\frac{29}{3}+\frac{145}{57}$	$-88/171$
$0+0+0+0+0-\frac{213}{19}$	$213/19$

Therefore:

$1+1-2+1+2=4$	4
$0-3+5+0-2=1$	12
$0+0+\frac{9}{2}-2-\frac{18}{2}+\frac{4}{2}$	-11
$0+0+0-\frac{18}{9}-\frac{4}{2}+\frac{88}{8}$	$-117/8$
$0+0+0+0+\frac{88}{9}+\frac{29}{3}$	$-11/9$
$0+0+0+0+0-\frac{213}{19}$	$213/19$

For Back Substitution:

$-\frac{213}{19}T_5 = \frac{213}{19}$

$\boxed{T_5 = -1}$

$T_3\frac{38}{9} + T_5\frac{29}{3} = \frac{-11}{9}$

$T_3\frac{38}{9} + (-1)\frac{29}{3} = \frac{-11}{9} \longrightarrow T_3\frac{38}{9} = \frac{-11}{9} + \frac{29}{3}$

$\frac{38}{9}T_3 = \frac{76}{9}$

$\boxed{T_3 = 2}$

$$-\frac{19}{2}T_4 - \frac{5}{2}T_5 + \frac{33}{2}T_6 = -\frac{113}{2}$$

$$-\frac{19}{2}T_4 - \frac{5}{2} - \frac{33}{2} = -\frac{113}{2}$$

$$-\frac{19}{2}T_4 = -\frac{113}{2} + \frac{5}{2} + \frac{33}{2}$$

$$-\frac{19}{2}T_4 = -\frac{73}{2}$$

$$\boxed{T_4 = 4}$$

$$\frac{2}{3}T_3 - 2T_4 - \frac{13}{3}T_5 + \frac{4}{3}T_6 = -11$$

$$\frac{2}{3}T_3 - 8 - \frac{26}{3} - \frac{4}{3} = -11$$

$$\frac{2}{3}T_3 = -11 + 8 + \frac{26}{3} + \frac{4}{3}$$

$$\frac{2}{3}T_3 = 7$$

$$\boxed{T_3 = 3}$$

$$-3T_2 + 5T_3 + 0 - 5T_4 - T_6 = 12$$

$$-3T_2 + 15 + 0 - 10 + 1 = 12$$

$$-3T_2 = 12 - 15 + 10 - 1$$

$$-3T_2 = 6$$

$$\boxed{T_2 = -2}$$

$$T_1 + T_2 - 2T_3 + T_4 + 3T_5 - T_6 = 4$$

$$T_1 - 2 - 6 + 4 + 6 + 1 = 4$$

$$T_1 = 4 + 2 + 6 - 4 - 6 + 1$$

$$\boxed{T_1 = 1}$$

$$\therefore \begin{aligned} T_1 &= 1 \\ T_2 &= -2 \\ T_3 &= 3 \\ T_4 &= 4 \\ T_5 &= 2 \\ T_6 &= -1 \end{aligned}$$