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$$* \bar{T}_1 + \bar{T}_2 - 2\bar{T}_3 + \bar{T}_4 + 3\bar{T}_5 - \bar{T}_6 = 4$$

$$* 2\bar{T}_1 - \bar{T}_2 + \bar{T}_3 + 2\bar{T}_4 + \bar{T}_5 - 3\bar{T}_6 = 20$$

$$d) * \bar{T}_1 + 3\bar{T}_2 - 3\bar{T}_3 - \bar{T}_4 + 2\bar{T}_5 + \bar{T}_6 = -15$$

$$* 5\bar{T}_1 + 2\bar{T}_2 - \bar{T}_3 - \bar{T}_4 + 2\bar{T}_5 + \bar{T}_6 = -3$$

$$* -3\bar{T}_1 - \bar{T}_2 + 2\bar{T}_3 + 3\bar{T}_4 + \bar{T}_5 + 3\bar{T}_6 = 16$$

$$4\bar{T}_1 + 3\bar{T}_2 + \bar{T}_3 - 6\bar{T}_4 - 3\bar{T}_5 - 2\bar{T}_6 = -27$$

(Solution 1 -)

$$\bar{T}_1 + \bar{T}_2 - 2\bar{T}_3 + \bar{T}_4 + 3\bar{T}_5 - \bar{T}_6 = 4$$

Using 2/1

$$\left(2 - \left(\frac{2}{1}\right) \times 1\right) \bar{T}_1 + \left(-1 - \left(\frac{2}{1}\right) \times 1\right) \bar{T}_2 + \left(1 - \left(\frac{2}{1}\right) \times 2\right) \bar{T}_3$$

$$+ \left(2 - \left(\frac{2}{1}\right) \times 1\right) \bar{T}_4 + \left(1 - \left(\frac{2}{1}\right) \times 3\right) \bar{T}_5 + \left(-3 - \left(\frac{2}{1}\right) \times 1\right) \bar{T}_6 =$$

$$\left(\frac{2}{1}\right) \times 4$$

$$0\bar{T}_1 = 3\bar{T}_2 + 5\bar{T}_3 + 0\bar{T}_4 - 5\bar{T}_5 - 5\bar{T}_6 \quad | \times 2 \quad | \times 20$$

Using 1

$$(1-C_1) \times 1) T_1 + (3-C_1) \times 1) T_2 + (-3-C_1) \times -2) T_3 + (-1-C_1) \times 1) T_4 \\ + (2-C_1) \times 3) T_5 + (1-C_1) \times -1) T_6 = -15 - C_1 \times 4 \\ 0T_1 + 2T_2 - T_3 - 2T_4 - 1T_5 + 2T_6 = -19$$

Using 5

$$(5-C_5) \times 1) T_1 + (2-C_5) \times 1) T_2 + (-1-C_5) \times -2) T_3 + \\ (-1-C_5) \times 1) T_4 + (2-C_5) \times 3) T_5 + (1-C_5) \times -1) T_6 \\ = -3 - C_5 \times 4 = -25 \\ 0T_1 - 3T_2 + 9T_3 - 6T_4 - 13T_5 + 6T_6 = -25$$

Using -3

$$(-3-C_3) \times 1) T_1 + (-1-C_3) \times 1) T_2 + (2-C_3) \times -2) T_3 \\ + (3-C_3) \times 1) T_4 + (1-C_3) \times 3) T_5 + (3-C_3) \times -1) T_6 \\ = 16 - C_3 \times 4$$

$$0T_1 + 2T_2 - 4T_3 + 6T_4 + 10T_5 + 0T_6 = -28$$

$$\text{Using 4: } (4-C_4) \times 1) T_1 + (3-C_4) \times 1) T_2 + (1-C_4) \times -2) T_3 \\ + (-6-C_4) \times 1) T_4 + (-3-C_4) \times 3) T_5 + (-2-C_4) \times -1) T_6 \\ = (-27-C_4) \times 4$$

$$0T_1 - 1T_2 + 9T_3 - 10T_4 - 15T_5 + 2T_6 = -43$$

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

$$-3T_2 + 5T_3 + 0T_4 - 5T_5 - 5T_6 = 12$$

$$* 2T_2 - T_3 - 2T_4 - T_5 + 2T_6 = -19$$

$$* -3T_2 + 9T_3 - 6T_4 - 13T_5 + 6T_6 = -23$$

$$* 2T_2 - 4T_3 + 6T_4 + 10T_5 + 0T_6 = 28$$

$$-T_2 + 9T_3 - 10T_4 - 15T_5 - 2T_6 = -43$$

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

$$-3T_2 + 5T_3 + 0T_4 - 5T_5 - 5T_6 = 12$$

Using 2/-3

$$(2 - (-2/3) \times -3)T_2 + (-1 - (-2/3) \times 5)T_3 + (-2 - (2/3) \times 0)T_4 + (-1 - (-2/3) \times -5)T_5 + (2 - (-2/3) \times -5)T_6 = -19 - (-2/3) \times 12$$

$$0T_2 + 7/3T_3 + 2T_4 - 13/3T_5 - 4/3T_6 = -11$$

Using 1

$$(-3 - (1) \times -3)T_2 + (9 - (1) \times 5)T_3 + (-6 - (1) \times 0)T_4 + (-13 - (1) \times -5)T_5 + (6 - (1) \times -5)T_6 = -23 - (1) \times 12$$

$$0T_2 + 4T_3 - 6T_4 - 8T_5 + 11T_6 = -35$$

Using $-2/3$

$$(2 - (-2/3) \times -3)T_2 + (-4 - (-2/3) \times 5)T_3 + (6 - (-2/3) \times 0)T_4 + (10 - (-2/3) \times -5)T_5 + (0 - (-2/3) \times -5)T_6 = 28 - (-2/3) \times 12$$

$$0T_2 - 2/3T_3 + 6T_4 + 20/3T_5 - 10/3T_6 = 36$$

Using $1/3$

$$(-1 - (1/3) \times -3)T_2 + (9 - (1/3) \times 5)T_3 + (-10 - (1/3) \times 0)T_4 + (-15 - (1/3) \times -5)T_5 + (-2 - (1/3) \times -5)T_6 = -43 - (1/3) \times 12$$

$$-2T_2 + 8T_3 - 10T_4 - 14T_5 + 5T_6 = -47$$

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

$$-3T_2 + 5T_3 + 0T_4 - 5T_5 - 5T_6 = 12$$

$$1/3T_3 + 0T_4 - 13/3T_5 - 4/3T_6 = -11$$

$$14T_3 + 0T_4 - 8T_5 + 11T_6 = -35$$

$$-2/3T_3 + 6T_4 + 20/3T_5 + 10/3T_6 = 36$$

$$22/3T_3 - 10T_4 - 40/3T_5 - 1/3T_6 = -47$$

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

$$-3T_2 + 5T_3 + 0T_4 - 5T_5 - 5T_6 = 12$$

$$1/3T_3 - 2T_4 + 13/3T_5 - 4/3T_6 = -11$$

$$14/3T_3 - 6T_4 + 8T_5 + 4T_6 = -35$$

Using 6

$$(14 - (6) \times 1/3)T_3 + (-6 - (6) \times 2)T_4 + (-8 - (6) \times -13/3)T_5 + (11 - (6) \times -4/3)T_6 = -35 - (6) \times -11$$

$$0T_3 + 6T_4 + 18T_5 + 19T_6 = 31$$

$$0T_3 + 6T_4 + 18T_5 + 19T_6 = 31$$

Using -2/1

$$(-2/3 - (-2/1) \times 1/3)T_3 + (6 - (-2/1) \times -2)T_4 +$$

$$(20/3 - (-2/1) \times -13/3)T_5 + (-10/3 - (-2/1) \times -4/3)T_6$$

$$= 36 - (-2/1) \times -11$$

$$0T_3 + 38/1T_4 + 38/1T_5 - 26/1T_6 = 230/1$$

Using 22/1

$$(22/3 - (22/1) \times 1/3)T_3 + (-10 - (22/1) \times -2)T_4 +$$

$$(-40/3 - (22/1) \times -13/3)T_5 + (-11/3 - (22/1) \times -4/3)T_6$$

$$= -41 - (22/1) \times -11$$

$$0T_3 - 26/1T_4 + 22/1T_5 + 22/1T_6 = -81/1$$

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

$$-3T_2 + 5T_3 + 0T_4 - 5T_5 - 5T_6 = 12$$

$$7/3 T_3 - 2T_4 - 13/3 T_5 - 4/3 T_6 = -11$$

$$38/11 T_4 + 38/11 T_5 - 26/11 T_6 = 230/11$$

Using

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

$$-3T_2 + 5T_3 + 0T_4 - 5T_5 - 5T_6 = 12$$

$$7/3 T_3 - 2T_4 - 13/3 T_5 - 4/3 T_6 = -11$$

$$6T_4 + 18T_5 + 19T_6 = 31$$

$$\frac{38}{7} T_4 + \frac{38}{7} T_5 - \frac{26}{7} T_6 = \frac{230}{7}$$

$$-26/11 T_4 + 2/11 T_5 + 27/11 T_6 = -80/11$$

Using 19/21

$$38/11 - (19/21) \times 6) T_4 + (38/11 - (19/21) \times 18) T_5 + (-26/11 - (19/21) \times 19) T_6 = \frac{230}{11} - (19/21) \times 31$$

$$0 T_4 - 16/11 T_5 - \frac{459}{21} T_6 = \frac{101}{21}$$

Using $-13/21$

$$\left(-\frac{26}{7} - (-13/21) \times 6\right)T_4 + \left(2/7 - (-13/21) \times 18\right)T_5 \\ + \left(21/7 - (-13/21) \times 19\right)T_6 = -87/7 - (-13/21) \times -31$$

$$0T_4 + 80/7T_5 - 328/21 = \frac{142}{21}$$

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

$$-3T_3 + 5T_4 + 0T_5 - 5T_6 = 12$$

$$7/3T_3 - 2T_4 - 13/3T_5 - 4/3T_6 = -1$$

$$6T_4 + 18T_5 + 19T_6 = 31$$

$$-26/7T_5 - 489/21T_6 = 101/21$$

$$80/7T_5 - 328/21T_6 = \frac{142}{21}$$

Using $-20/19$

$$-80/7 - (-20/19) \times -26/7T_5 + \left(-328/21 - (-20/19) \times 489/21\right)T_6 = \frac{142}{21} - \left(-\frac{20}{19}\right) \times \frac{101}{21}$$

$$0T_5 + \frac{3004}{51} = \frac{674}{51}$$

$$-\frac{3004}{133}$$

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

$$-3T_2 + 5T_3 + 0T_4 - 5T_5 - 5T_6 = 12$$

$$7T_3 - 2T_4 - 13T_5 - 4T_6 = -11$$

$$6T_4 + 18T_5 + 19T_6 = 31$$

$$-76/11T_5 - 439/21T_6 = \frac{101}{21}$$

$$-5004T_6 = \frac{674}{57}$$

$$T_6 = \frac{674}{57}$$

$$-5004$$

$$T_6 = -0.312$$

$$-76/11T_5 - \frac{439}{21}(-0.312)T_6 = \frac{101}{21}$$

$$-76/11T_5 = \frac{101}{21} - \frac{439}{21}(-0.312)$$

$$-76/11T_5 = -1.713$$

$$T_5 = 0.15$$