

$V_n = 1V$
 $n = 10$

$$T_1 + (n-1)d$$

$$r_0 + (n-1)v = r_{0,n}$$

$$f_0 + v(n-1) = f_{0,n}$$

$$a_1 = 10, \quad b = 10$$

$$d_p = 99V$$

$$\begin{array}{r} 100 \\ 3 \overline{) 300} \\ \underline{300} \\ 0 \end{array}$$

$$\begin{array}{r} 999 \text{ (V)} \\ \underline{\text{V}} \\ 29 \\ 21 \\ \hline 19 \\ 15 \end{array}$$

$$\begin{aligned} a + (n-1)d &= 99V \\ 1 + (n-1)V &= 99V \\ \frac{rn-v}{rn-v} &= 99V \\ 99 + vn &= 99V \end{aligned} \quad \left. \begin{array}{l} vn = 90 \\ n = 10 \end{array} \right\}$$

$$a_{n-1} + a_{n+r} + a_{n+r}^w = -9n+17 \Rightarrow a_{n+r} = 7(-9n+17)$$

$$a_W + a_A = ?$$

$$d_n = \frac{-11n + 36 - 2d}{2}$$

$d = n$ غرض $\rightarrow d = -11$

$$-d_1V = -309 + V^2 = -237$$

$$a_A = -I \ddot{\varphi} + V \ddot{\varphi} = -V \ddot{\varphi} \rightarrow -V \ddot{\varphi} - V \ddot{\varphi} = -\frac{V_0}{g}$$

$$\Rightarrow \left\{ \begin{array}{l} yg - y + 1 = y^r - r - ry \\ y^r - ry - r = 0 \\ (y - r)(y + 1) = 0 \end{array} \right. \Rightarrow y = r$$

$$\begin{aligned} T_{11} - T_{10} &= \Delta \\ T_{11} + T_{10} &= 2\Delta \\ 2T_{11} &= 2\Delta \end{aligned}$$

$$d = \frac{18 - 10}{Y} = \frac{8}{Y}$$

$$t_{r1} = t_{10} + 11\delta \Rightarrow 10 + 11\left(\frac{A}{Y}\right) = \frac{Y_0}{Y} + \frac{\omega A}{Y} = \frac{V\omega A}{Y}$$

$$t_{11} = 1^A \rightarrow t_{10} = 1^0$$

$$t_1 + t_2 + t_3 + t_4 + t_5 = \frac{1}{\mu} (t_2 + t_3 + t_4 + t_5 + t_1)$$

$$\cancel{t_1} = \frac{1}{\mu} (\cancel{t_1}) \rightarrow t_1 = \mu t_1 \rightarrow t_1 + \nu d = \mu t_1 + \cancel{\nu d} \quad (t_2 = \mu t_1)$$

$$\mu t_1 = d \rightarrow t_2 = t_1 + \cancel{\nu d} \quad \mu t_1$$

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$$t_n = t_{n-1} + d \rightarrow t_n - t_{n-1} = d \rightarrow \nu d = d \rightarrow d = d$$

$$t_q^2 - t_a^2 = \nu t_v \rightarrow \underbrace{(t_q - t_a)}_{\frac{\nu d}{\mu}} \underbrace{(t_q + t_a)}_{\frac{t_q + t_a}{\mu}} = \nu t_v = \frac{\nu_0}{\mu} t_v$$

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$$t_1 = \gamma(1 - \sqrt{\mu})$$

$$t_n = \gamma + \sqrt{\mu}$$

$$t_{n+1} = \gamma(1 - \sqrt{\mu}) \Rightarrow t_{n+1} - t_n = \nu d$$

$$\gamma + \sqrt{\mu} - \gamma(1 - \sqrt{\mu}) = \nu d$$

$$-1\sqrt{\mu} = \nu d$$

$$d = -\sqrt{\mu}$$

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$$t_n = 11$$

$$t_{n-1} = \gamma$$

$$t_m = \gamma\gamma$$

$$t_m - t_1 \Rightarrow \frac{t_m - t_1}{\frac{m-1}{n-1}} = d$$

$$t_1 + (n-1)d = 11$$

$$\gamma + (n-1)\frac{\gamma_0}{n-1} = 11$$

$$\gamma + \frac{\gamma_0 n - \gamma_0}{n-1} = 11$$

$$\frac{\gamma_0 n - \gamma_0}{n-1} = 9 \rightarrow \gamma_0 n - \gamma_0 = 9(n-1)$$

$$\gamma_0 n - \gamma_0 = 9n - 9$$

$$\gamma_0 n - 9n = \gamma_0 - 9$$

$$n(\gamma_0 - 9) = \gamma_0 - 9$$

$$n = 1$$

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$$t_n + t_{n+1} = t_1 + t_2$$

$$n + n + 1 = \gamma_0$$

$$\gamma n = 14$$

$$n = 1$$

$$t_n = \gamma(t_1)$$

$$t_m = t_1 + (m-1)d$$

$$t_m = -d + (m-1)d$$

$$0 = d(m-1) \rightarrow m = 1$$

$$t_m = 0$$

$$t_1 = \gamma(t_2)$$

$$m = ?$$

$$t_1 + d = \gamma t_2 \rightarrow t_2 = \gamma d \rightarrow t_2 = t_1 + \gamma d$$

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