

$$t_n = \omega, 9, 10, 11$$

$\xrightarrow{+2} \quad \xrightarrow{+2} \quad \xrightarrow{+2}$

$$19, \omega$$

$$f_{n+h}$$

$$t_n = \varepsilon n + 1$$

(الف)

$$t_1 = \varepsilon(1) + 1 = \varepsilon + 1$$

(ب) دمه (س)

$$t_1 = \varepsilon + 1$$

$$\omega = \varepsilon + 1 \rightarrow 1$$

(د)

$$t_n = 9, 10, 11, 12, 13$$

$\xrightarrow{+2} \quad \xrightarrow{+2} \quad \xrightarrow{+2} \quad \xrightarrow{+2}$

$$t_{19}, t_{10}, t_{11}, t_{12}$$

$$t_1 + 2d$$

$$t_2 + 2d$$

$$t_3 + 2d$$

$$t_4 + 2d$$

کمره دمه

$$\varepsilon n + b$$

$$t_n = 9 + (n-1)\varepsilon$$

$$t_n = \varepsilon n + 1$$

(الف)

$$t_1 + 13d$$

$$t_1 = \varepsilon + 1$$

$$9 = \varepsilon(1) + 1$$

$$\frac{10}{2} (2a_1 + (10-1)\varepsilon)$$

$$\omega(12 + 12\varepsilon) = 2\varepsilon \omega$$

$$\frac{12(9)}{2\varepsilon} + \frac{11(12)}{2\varepsilon} = 119\varepsilon$$

$$11, \omega$$

$$1 + \sqrt{3}, 2, 3 - \sqrt{3}$$

$\xrightarrow{+1-\sqrt{3}} \quad \xrightarrow{+1-\sqrt{3}}$

$$t_n = 1 + \sqrt{3} + (n-1)(1 - \sqrt{3})$$

$$t_{12} = 1 + \sqrt{3} + (12-1)(1 - \sqrt{3}) = 1 + \sqrt{3} + 11 - 11\sqrt{3} = 12 - 10\sqrt{3}$$

$$t_{12} = 1 + \sqrt{3} + (12)(1 - \sqrt{3}) \Rightarrow 1 + \sqrt{3} + 12 - 12\sqrt{3} = 13 - 11\sqrt{3}$$

$$t_{12} - t_{10} = 13 - 11\sqrt{3} - (12 - 10\sqrt{3}) = 1 - \sqrt{3}$$

$$a_n = \omega^{2n}$$

$$t_n = \omega^{2n} + (n-1)(2 \times \omega^{2n})$$

$$t_p = \omega^{2p} + (p-1)(2 \times \omega^{2p}) \Rightarrow \omega^{2p} \Rightarrow \omega^{2p+1}$$

$$2p+1 = 9$$

$$\begin{cases} 2 - x = 9 - 2 \\ y + x = \varepsilon \\ 2x - y = -1 \end{cases}$$

$$2x = 7 \quad x = 1 \quad y = 3$$

$$xy = 10$$

$$t_1 = 2x - \varepsilon = 2 - 3 = -1$$

$$t_2 = 2x - 1 = 2 - 1 = 1$$

$$t_3 = 4x = 4$$

$$1x - \varepsilon = \varepsilon x - 2$$

$$\varepsilon x = 2$$

$$x = \frac{2}{\varepsilon}$$

$$t_f = 3(x) - 2 = 6$$

$$t_n = an + b$$

$$t_n = 3n + \left(\frac{b}{-2}\right)$$

$$t_1 = 3 + \left(\frac{b}{-2}\right)$$

$$a_n = r \left(\frac{1}{r} \right) V, \quad \frac{1}{r} \Rightarrow a_n = \varepsilon 1$$

$$b_n = r \left(\frac{1}{r} \right) \varepsilon \Rightarrow b_n = \varepsilon 1$$

$$r \times r = r$$

$$\omega \leq \omega + (n-1)r \leq \varepsilon 1 \quad \varepsilon n \leq \varepsilon 1 \quad n = V$$

$$\omega + \varepsilon n - r \leq \varepsilon 1 \Rightarrow \varepsilon n - 1 \leq \varepsilon 1$$

$$a_1 + a_r + a_p = r 1$$

$$a_r - a_r + a_1 \Rightarrow a_1 + r d - a_1 - d + a_1$$

$$a_1 + a_p + a_\omega = 10\omega \Rightarrow a_1 + a_1 + r d + a_1 + \varepsilon d = 10\omega \quad a_1 + d =$$

$$a_1 + a_1 + d + a_1 + r d = r 1$$

$$r a_1 + \varepsilon d = 10\omega$$

$$-r 1 + r 1 = \frac{V}{r}$$

$$r a_1 + \varepsilon d = r 1$$

$$a_1 + r d = r \omega$$

$$\frac{V}{a_1} = \frac{V}{-r 1} = \left(-\frac{1}{r} \right) a_1$$

$$a_1 + d = V$$

$$a_1 + d = V$$

$$d = r 1 \quad a_1 = -r 1$$

$$\frac{r}{r} (r t_1 + (r) d) = 1\omega$$

$$r t_1 + r d = 10\omega \Rightarrow r t_1 + r d = 10$$

$$r t_1 + r d = r 0$$

$$r t_1 + V d = r \omega$$

$$t_1 + d = \omega$$

$$\omega d = 1\omega \Rightarrow d = r$$

$$t_\varepsilon + t_\omega \Rightarrow t_1 + r d + t_1 + \varepsilon d$$

$$r t_1 + V d = r \omega$$

$$t_{10} = r + \left(\frac{r \omega}{r} \right) = r 9$$

$$S_9 = 95r$$

$$S_9 = \frac{9}{r} (r a_1 + 1 d) = 9 \times \frac{r}{r} (r a_1 + r d)$$

$$\frac{a_{r0}}{a_v} = \frac{a_1 + 19d}{a_1 + r d}$$

$$r a_1 + 1 d = r (r a_1 + r d)$$

$$r a_1 + 1 d = r a_1 + r d$$

$$\frac{a_1 + 19(r a_1)}{a_1 + r (r a_1)} = \frac{r a_1}{r a_1} \Rightarrow r d = r a_1$$

$$d = r a_1$$

$$d = \frac{r \omega - 11}{r - 1} = \frac{r \varepsilon}{r} = \varepsilon$$

$$a_2 = a_1 + r d = 11 + \frac{r \varepsilon}{r} = 23$$

جمله چهارم دنباله اول

$$b_1' = r 1$$

$$b_n = b_1 + (n-1)d$$

$$13 = r 1 + (k-1)d$$

$$b_{k+r}' = 13$$

$$13 = r 1 + (k+1)d$$

$$-r \omega = (k+1)d$$

$$-r \omega = -\omega k - \omega \Rightarrow r_0 = +\omega k$$

$$-r \omega = -\omega k - \omega \Rightarrow r_0 = +\omega k$$

تعداد وار کلمه 10

جمله اول 38

جمله چهارم به جمله پنجم دنباله اول برابر باشد

$$b_\varepsilon = b_1 + r d$$

$$r = r 1 + r d$$

$$-1\omega = r d$$

$$d = -\omega$$

$$b_\varepsilon = r 1$$

تعداد ک و 10

$$r = k + r$$

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