

$$b_n = (-\mu)^n - \nu n$$

$$-\omega k + \mu r = -F \Lambda$$

$$b_\mu = (-\mu)^\mu - \mu = -\mu - \mu = -F \Lambda$$

$$-\omega k = \nu_0$$

$$\boxed{\mu = -1/\mu}$$

$$a_n = -\omega n + \mu r$$

$$a_k = -\omega k + \mu r$$

$$a_n = a_n + b$$

$$t_{10} - t_v = 1r$$

$$10a + b - (\nu a + b) = 1r \Rightarrow \mu a = 1r \quad \boxed{r = r}$$

$$t_n - t_1 = 4a + b - (a + b) = 4a - a = 3a \quad \omega(r) = \nu_0$$

$$a_r = \nu a + b = \nu$$

$$a_r = \nu a + b = 1\omega$$

$$\rightarrow \nu a = \Lambda \rightarrow \boxed{a = F} \quad \boxed{b = -1}$$

$$a_1 = 4 + b = F - 1 \quad \boxed{F}$$

$$a_\mu = \nu a + b = 1r - 1 = 11$$

$$b \rightarrow \mu \rightarrow \boxed{h_n = \Lambda n - \omega}$$

$$t_n = \frac{r}{\omega}, \frac{a}{\nu}, \frac{10}{9}, \frac{1r}{11}$$

$$\frac{F n - r}{r n + \mu} < \frac{\mu}{r}$$

$$\boxed{\omega} \quad \boxed{-1}$$

$$\Lambda n - r = 4n + 9$$

$$\nu n = 1\mu n = \frac{1\mu}{r} \mu 9, \sim$$

$$t_n = 4, 9, 9, 9, 0$$

$$\rightarrow \nu \omega, 15 \omega \rightarrow$$

$$-a_n + b_n + c =$$

$$a = -\frac{\mu}{r}$$

$$a_1 \rightarrow -\frac{\mu}{r} + b + c = 9$$

$$b + c = \frac{10}{r} + \frac{10}{r} \quad \boxed{\frac{1\omega}{r}}$$

$$a_r \rightarrow -9 + r b + c = 9$$

$$r b + c = 1\omega$$

$$\nu A + \omega B = \mu \left(-\frac{\mu}{r}\right) + \omega \left(\frac{1\omega}{r}\right) =$$

$$-9 + \nu \omega = \frac{99}{r} \quad \boxed{\mu \mu}$$

$$b = \frac{\mu \omega}{r} - \frac{1\omega}{r} = \boxed{\frac{1\omega}{r}}$$

$$\boxed{c = 0}$$

$$a_n = a_1, \mu_1, 9, \mu_1, \mu_1$$

$$\boxed{c = \omega}$$

$$n^r - 9n = \nu r$$

$$n^r - \omega n - n = \nu r$$

$$\boxed{n = 9}$$

$$n^r - n - c = \omega n + \mu_1$$

$$t_n = -9, -F, 0$$

$$a_n + b_n + c$$

$$n^r - n - 9$$

$$b + c = -\nu$$

$$\boxed{b = -1}$$

$$\nu + r b + c = -F$$

$$\nu b + c = -\Lambda \quad \boxed{c = -9}$$

$$\begin{matrix} 1, & 5, & 12, & 22 \\ \underbrace{\quad} & \underbrace{\quad} & \underbrace{\quad} & \underbrace{\quad} \\ k & v & 10 & \\ \underbrace{\quad} & \underbrace{\quad} & & \\ \mu & \mu & & \end{matrix}$$

✓
رابطه عمومی $\rightarrow$

$$t_n = an^2 + bn + c$$

اشیاء بسته

$$t_{10} = \frac{1}{2} (10 \times 11) + 1 = 55$$

$$\boxed{c = \frac{1}{2}}$$

$$t_1 = \frac{1}{2} + b + c = 1$$

$$1 \times 0 + 0 - 1 = \boxed{1 \times 1}$$

$$t_2 = 4 + 2b + c = 5$$

$$2b + c = 1$$

$$b + c = -\frac{1}{2}$$

$$b + c = -\frac{1}{2}$$

$$2b + c = 1$$

$$\boxed{b = \frac{1}{2}} \quad \boxed{c = -1}$$

$$\begin{matrix} 1, & 3 \\ \underbrace{\quad} & \underbrace{\quad} \\ 1 & 1 \end{matrix}$$

✓
رابطه عمومی $\rightarrow t_n = an^2 + bn + c$

$$t_1 = \frac{1}{2} + b + c = 0$$

$$b + c = -\frac{1}{2}$$

$$\boxed{c = \frac{1}{2}}$$

$$\frac{1}{2} n^2 - \frac{1}{2} n = 55$$

$$\frac{1}{2} n(n-1) = 55$$

$$t_2 = 4 + 2b + c = 1$$

$$2b + c = -1$$

$$a + b = -1 + \frac{1}{2} = -\frac{1}{2}$$

$$\boxed{c = 0}$$

$$n(n-1) = 110$$

$$\boxed{n = 11}$$

$$\begin{matrix} 1, & 9, & 13 \\ \underbrace{\quad} & \underbrace{\quad} & \underbrace{\quad} \\ k & v & \end{matrix}$$

$$\begin{matrix} 1, & 13, & 22 \\ \underbrace{\quad} & \underbrace{\quad} & \underbrace{\quad} \\ 1 & 12 & \end{matrix}$$

$$t_{n+1} \rightarrow a_{n+1} = t_{n+1} = 55$$

$$11n - 3 \rightarrow t_{11} = 11 \times 11 - 3 = 118$$

$$a_n = \frac{(-1)^{n+1}}{n} \rightarrow a_1 = -1 \quad a_2 = \frac{1}{2} \quad a_3 = -\frac{1}{3} \quad a_4 = \frac{1}{4}$$

جدول فرد هجدهم را در نظر بگیرید و به صف نهمین ردیف بکشید این برای مقایسه این بزرگترین عدد و کوچکترین عدد

این کوچکترین است

بزرگترین عدد $\frac{1}{2}$

کوچکترین عدد -1

$\frac{1}{2} - (-1) = \frac{3}{2}$