

$$d = r \Rightarrow t_n = r_{n+1} \quad (\text{الف})$$

$$\Rightarrow t_1 = r_1 + 1 = r_1 \quad (\text{ب})$$

$$d = r \Rightarrow 2x(4 + r^2) = r r_1 \quad (\text{الف})$$

$$a_{29} + a_{33} + a_{41} + a_{52} \quad \sqrt{r_1} \times r_1 \rightarrow \boxed{494} \quad (\text{ب})$$

$$d = 1 - \sqrt{3} \quad t_{23} = 4\sqrt{3} + r_1 - 22\sqrt{3} = 23 - 18\sqrt{3}$$

$$a = 1 + \sqrt{3} \quad t_{25} = 2d - 22\sqrt{3}$$

$$\Rightarrow 2d - 23 - 22\sqrt{3} + 21\sqrt{3} = \boxed{2 - 2\sqrt{3}}$$

$$x + y = r$$

$$\omega^{r-n} + \omega^{rn} = 4 \times \omega^n \times \omega^n \quad \left[\begin{array}{l} 1 \times r = r \\ y \times n = y \end{array} \right] \quad r-n = r_{n+1} \Rightarrow n = r \Rightarrow y = 1$$

$$\Rightarrow \omega^{r-n} + (\omega^n \times \omega^n) = 4 \times \omega^n \times \omega^n \Rightarrow \omega^{r-n} = \omega^n \times \omega^n$$

$$r_{n-1} - r_{n+r} = r = d, \quad 4n + r_{n-r} = r_{n-r}$$

$$\Rightarrow d = -r$$

$$\Rightarrow r_n = r \Rightarrow n = \frac{1}{r}$$

$$\Rightarrow t_4 = -3 + 9 = 6$$

$$\frac{d_b = r}{a_b = r} \Rightarrow t_b = r^n - 1$$

$$\Rightarrow t_r = t_{br} = \omega$$

$$d_n = r$$

$$a_n = r$$

$$\Rightarrow t_n = r^{n+1}$$

$$\Rightarrow r^{n+1} = r^n - 1$$

$$\Rightarrow n = r$$

نوعی از این است
 $n = r^2 \omega, 1 \omega, 1 \omega, 1 \omega, 1 \omega, 1 \omega$

$$ra + rd = 1 \cdot \omega$$

$$ra + rd = r^2$$

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

$$\Rightarrow a = -r$$

$$\frac{a + rd - a - d - a}{a} \Rightarrow$$

$$\frac{r^2 \omega}{-r^2} =$$

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

$$a + a + d + a + rd = 1 \cdot \omega$$

$$a + rd + a + rd = r^2 \omega$$

$$\Rightarrow \begin{cases} a + rd = -\omega \\ a + rd = r^2 \omega \end{cases}$$

$$\Rightarrow a + rd = r^2$$

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

$$\Rightarrow a = -r$$

$$t_1 = r + r^2 = r^2$$

$$r^2 \omega (a_1 + a_2) = 1 \cdot \omega (a_1 + a_2)$$

$$\Rightarrow a_1 + a_2 = r^2 a_1 + r^2 a_2$$

$$\Rightarrow a_1 + rd = r^2 a_1 + r^2 a_2 + rd \Rightarrow d = r^2 a_1$$

$$\frac{r^2 a_1}{1 \cdot a_1} = r^2$$

$$a = 1$$

$$\Rightarrow a_1 = r^2 \Rightarrow r^2 + rd = r^2 \Rightarrow d = -\omega$$

$$a + rd = r^2 \omega \Rightarrow d = r$$

$$1 + 1 \cdot r = r^2$$

$$a_1 = r^2$$

$$\Rightarrow \frac{1 \cdot r - r^2}{m+1} = d$$

$$\frac{-r^2}{m+1} = -\omega \Rightarrow -r^2 = -\omega m$$

$$\Rightarrow -r^2 = -\omega m$$

$$\Rightarrow -r^2 = -m$$

$$\Rightarrow m = r^2$$