

ليبيا مرادى - تليل قماره

$$z_1 = F_0 \rightarrow F_0$$

$$z_F = 91 \rightarrow z_1 + p_d = 91 \rightarrow p_d = 11 \rightarrow d = 1$$

$$F_0 \cdot 1 = z_1 + p_d \rightarrow 191 = 1 \times p \rightarrow p = 191$$

ملاحظة: $n = 191$

$$\left[\begin{array}{l} 91 + p = 101 \rightarrow z_1 \\ 101 \rightarrow z_p \\ 99F + p = 99V \rightarrow z_n \end{array} \right] \quad \frac{99V - 101}{V} + 1$$

$$\frac{199}{V} = 191 + 1 = 192$$

ملاحظة: 192

$$\alpha_{n+1} + \alpha_{n+p} + \alpha_{n+p} = -9n + 1p$$

$$\alpha_{1p} + \alpha_{11} = p \rightarrow 1V + 11 = 19 \rightarrow \alpha_{1p} + \alpha_{11} = -19$$

$$n = 10 \rightarrow \alpha_{11} + \alpha_{1p} + \alpha_{1p} = -19$$

$$n = 11 \rightarrow \alpha_{1p} + \alpha_{1p} + \alpha_{1p} = -19$$

$$\alpha_{11} + p\alpha_{1p} + p\alpha_{1p} = -10p$$

$$(\alpha_{11} + \alpha_{1p}) = (\alpha_{1p} + \alpha_{1p}) \rightarrow \alpha_{1p} = -10p$$

$$\left\{ \begin{array}{l} \alpha_{1p} = p^x - 1 \rightarrow p \\ \alpha_{11} = p^{x+1} \rightarrow 1 \\ \alpha_{1p} = p^{p_x} - p \rightarrow p \end{array} \right. \quad \alpha_{1p} + \alpha_{11} + \alpha_{1p} = p^{p_x+1} + 1 + p = 19$$

$$p^{p_x+1} + p^{p_x} + p^{p_x} = 19$$

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$$x = 4$$

$$\alpha_{1p} - \alpha_{10} = \omega$$

$$\alpha_{p1} = p \quad \text{کسی را دی} \quad - \omega$$

$$\alpha_{1p} + \alpha_{10} = p\omega \rightarrow p\alpha_1 + p\omega d = p\omega$$

$$pd = \omega \rightarrow d = \frac{\omega}{p}$$

$$\alpha_{p1} = \alpha_1 + p_0 d$$

$$\alpha_1 = -\frac{p_0 \omega}{p}$$

$$\frac{-p\omega}{p} + \frac{p_0 \omega}{p} = \boxed{\frac{p_0 \omega}{p}}$$

$$\alpha_1 + \alpha_p + \alpha_n + \alpha_f + \alpha_\omega = \frac{1}{\mu} (\alpha_a + \alpha_v + \alpha_n + \alpha_q + \alpha_{10})$$

$$\omega \alpha_1 + p_0 d = \frac{1}{\mu} (\omega \alpha_1 + \mu \omega d)$$

$$\omega \alpha_1 + p_0 d = \frac{\omega}{\mu} \alpha_1 + \frac{\mu \omega}{\mu} d$$

$$\frac{1}{\mu} \omega \alpha_1 + \frac{\mu \omega}{\mu} d = \frac{\omega}{\mu} \alpha_1 + \frac{\mu \omega}{\mu} d$$

$$10 \alpha_1 = \omega d$$

$$\frac{10}{\mu} \alpha_1 = \frac{\omega}{\mu} d$$

$$\alpha_p = \alpha_1 + d \rightarrow \alpha_1 + p_0 \alpha_1 = \mu \alpha_1$$

$$d = p_0 \alpha_1$$

$$\frac{\mu \alpha_1}{\mu} = \mu \rightarrow \text{برابر } \mu$$

$$z_v = z_f + 1\omega \rightarrow z_1 + \mu d + 1\omega = z_v$$

$$z_n = z_{n-1} + \mu d = z_v - z_1 - 1\omega$$

$$z_q - z_\omega = (z_q + z_\omega)(z_q - z_\omega)$$

$$z_v - z_1 + \mu d = (\mu z_1 + \mu d)(\mu d)$$

$$\mu d = \mu \omega = \mu (z_1 + \mu d)(\mu d)$$

$$\text{برابر } \mu$$

$$\mu d = \mu d - 1\omega \rightarrow d = p d - \omega$$

$$d = \omega$$

$$P - 1 \sqrt{P}$$

$$P + \sqrt{P}$$

-1

$$d = \frac{b-a}{n+1} \rightarrow \frac{P + \sqrt{P} - P + 1 \sqrt{P}}{1 \sqrt{P}} = \frac{1 \sqrt{P}}{1 \sqrt{P}} = \sqrt{P}$$

$$d = \sqrt{P}$$

$$a_{n+1} = a_1 + n d$$

-9

$$d = \frac{P_{n+1} - P_n}{P_{n+1} - P_n} = \frac{P_0}{P_{n-1}} = \frac{1 \omega}{P_{n-1}} \Rightarrow 11 = P + n \left(\frac{1 \omega}{P_{n-1}} \right)$$

$$n = P \leftarrow P_n = q \leftarrow q = \frac{1 \omega n}{P_{n-1}}$$

$$a_{(n)} + a_{n+P} = a_{(P)} + a_{1P}$$

-10

$$n + n + P = P_0 \rightarrow n = A$$

$$a_n = P, a_{\frac{n}{P}} \rightarrow a_n = P a_{\frac{n}{P}}$$

$$a_1 + P d = P a_1 + P d \rightarrow a_1 = -d$$

$$a_n = a_1 + (n-1) d = 0$$

$$a_n = -d + n d - d = 0$$

$$a_n = -P d + n d = 0 \rightarrow n d = P d \rightarrow n = P$$

$$a_1 = -d$$