

$$\frac{-b}{2a} = \gamma \Rightarrow \frac{-1}{2(a-1)} = \gamma \quad 2a-2=-1 \quad a=\frac{3}{2} \Rightarrow \underline{-\frac{1}{4}n^2+n+3}$$

$$\Rightarrow \omega_{\text{نسب}} \Rightarrow \boxed{\frac{1}{4}n^2+n+3} \quad \omega_{\text{نسب}} = 2-2 \text{ و } 4$$

(با طول قیست)

صورت $-+ -$ $\Rightarrow m < 0$ $\Rightarrow \delta > 0$ $2\omega - 4m^2 > 0$

$$(\omega - 2m)(\omega + 2m) > 0 \Rightarrow \frac{-\frac{\omega}{2}}{-1} \quad \frac{+\frac{\omega}{2}}{+1} \Rightarrow \left(\frac{-\omega}{2}, \frac{\omega}{2}\right) \cap (-\infty, 0) =$$

$$\underline{\left(-\frac{\omega}{2}, 0\right)}$$

$$\frac{3 \pm \sqrt{5}}{2} = m \Rightarrow 2m = 3 \pm \sqrt{5} \quad (2m-3)^2 = (\pm\sqrt{5})^2$$

$$4m^2 - 12m + 9 = 5 \Rightarrow \underline{4m^2 - 12m + 4}$$

$$2a^2 + 2b^2 + a^2 - b^2 = \gamma (s^2 - 2p) + (a+b)(a-b) = \gamma (s^2 - 2p) \pm \frac{\sqrt{\Delta}}{|a|}$$

$(a+b)(a-b)$ $\Rightarrow$ معنی $a < b$ $\Rightarrow$ $\frac{\sqrt{\Delta}}{|a|}$

$$S = \gamma \quad P = \frac{m+2}{2}$$

$$\gamma \left(14 - 2 \times \frac{m+2}{2}\right) - 2 \times \frac{\sqrt{4^2 - 4 \times 2 \times (m+2)}}{2} = 12$$

$$\Rightarrow \underline{m = 4}$$

$$K(m-2)^2 + 9 \Rightarrow f(0) = 5 \Rightarrow K = -1 \Rightarrow -(m-2)^2 + 9 = 5$$

$$-m^2 + 4m + 5 = 0 \Rightarrow -(m+1)(m-5) \Rightarrow (-1, 5) \text{ منفی}$$

$$\frac{a\beta}{a} = a\beta \quad a = \frac{1}{\gamma} \sqrt{-\gamma} \quad \frac{V}{a} = a + \beta \Rightarrow \beta = \frac{V}{\gamma}$$

$$\frac{1}{a} + \frac{1}{\beta} = \frac{1}{\frac{1}{\gamma} \sqrt{-\gamma}} + \frac{1}{\frac{V}{\gamma}} = \frac{\gamma}{\sqrt{-\gamma}} + \frac{\gamma}{V} = \frac{-\gamma + \gamma}{\gamma} = \frac{V}{\gamma}$$

$$\beta = \gamma m = -\beta \quad a\gamma + \beta\gamma - \gamma m = 1 \quad a + \beta = -m \Rightarrow$$

$$s\gamma - \gamma p = \gamma m = 1 \Rightarrow m\gamma + \gamma m - \gamma m = 1 \quad a\beta = -\gamma m$$

$$m > 0 \Rightarrow m\gamma + \gamma\gamma m > 0 \quad m < -1 \quad m = \frac{1}{\gamma} \sqrt{-\gamma}$$

$$m > 0 \quad a + \beta = -m = -\frac{1}{\gamma}$$

$$m < 0 \quad \frac{\gamma m (\frac{m}{\gamma} + V) - \gamma \gamma m}{\gamma m} = 1 \quad m = \frac{1}{\gamma} \sqrt{-\gamma}$$

$$-\gamma m\gamma + \gamma m + \gamma = 0 \Rightarrow m = -\frac{1}{\gamma} \sqrt{-\gamma} \quad K = \gamma$$

$$k(m - \gamma)\gamma + \gamma \Rightarrow f(0) = \gamma \Rightarrow \gamma k + \gamma = \gamma \quad \frac{\gamma}{\gamma} = \frac{1}{\gamma} = k$$

$$-\frac{1}{\gamma}(m - \gamma)\gamma + \gamma = -\frac{m\gamma}{\gamma} + \gamma m + \gamma = 0 \quad \gamma = \gamma \quad \beta = -1$$

$$\frac{1}{a} + \frac{1}{\beta} = \frac{a + \beta}{a\beta} = \frac{\gamma}{-1} = -\frac{1}{\gamma}$$

$$\gamma - \gamma(\gamma a + \gamma) + (\gamma a\gamma + \gamma a + \gamma) = 0 \quad \gamma - 1a - 1 + \gamma a\gamma + \gamma a + \gamma = 0$$

$$\gamma a\gamma - \gamma a - 1 = 0 \quad a = 1, -\frac{1}{\gamma} \Rightarrow a = 1 \quad m\gamma - 1m + 1\gamma = 0 \quad (m - \gamma)(m - \gamma) = 0$$

$$a = -\frac{1}{\gamma} \Rightarrow m + \frac{1}{\gamma}m + \frac{1}{\gamma} = 0 \Rightarrow m = -\frac{1}{\gamma} \sqrt{-\gamma}$$

$$m = \frac{1}{\gamma} \sqrt{-\gamma}$$

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