

$$u_5 = 1$$

باز هم جاسی را

$$\frac{-1}{r(u-1)} = 1 \rightarrow u = \frac{r}{r}$$

$$\frac{-ur}{r} + u + 1 = 0 \rightarrow u = \begin{cases} 1 \\ -r \end{cases}$$

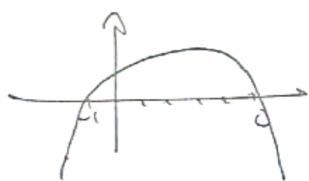
طبق تعین علامت

$$\begin{cases} u < 0 \rightarrow m < 0 \text{ I} \\ \Delta > 0 \rightarrow r^2 - 4m^2 > 0 \rightarrow \frac{0}{r} < m < \frac{0}{r} \text{ II} \end{cases} \quad (I) \cap (II) \rightarrow \left(-\frac{0}{r}, 0\right)$$

$$S = \frac{r-\sqrt{5}}{r} + \frac{r+\sqrt{5}}{r} \quad P = \frac{r-\sqrt{5}}{r} \times \frac{r+\sqrt{5}}{r} = \frac{r}{r}$$

$$u^2 - 8u + 9 \rightarrow u^2 - 11u + \frac{r}{r} \rightarrow 9u^2 - 11u + \frac{r}{r}$$

$$\begin{cases} y = u(m-r)^r + 9 \\ ru + 9 = 0 \rightarrow u = -1 \end{cases} \rightarrow \begin{cases} -u^2 + ru + 9 < -1 \\ 0 \end{cases}$$



$$\frac{1}{\alpha} + \frac{1}{\beta} \xrightarrow{\text{مجموع}} \frac{\alpha + \beta}{\alpha\beta} \rightarrow \frac{S}{P}$$

$$S = \frac{V}{\alpha} \rightarrow \begin{cases} \alpha = r \rightarrow \beta = \frac{r}{r} \\ \alpha = -r \rightarrow \beta = -\frac{r}{r} \end{cases} \quad P = \frac{r\beta}{\alpha} \rightarrow \alpha^r = 9 \rightarrow \alpha = \begin{cases} r \\ -r \end{cases} \times \Delta r$$

$$\frac{S}{P} = \frac{\frac{V}{r}}{-\frac{r}{1}} = \sqrt{\frac{V}{r}}$$

$$\begin{aligned} \alpha + \beta &= -m \\ \alpha\beta &= -r_m \rightarrow \alpha = r, \beta = -m - \alpha = -m - r \\ \beta &= \frac{-r_m}{\alpha} \rightarrow m^2 + r_m - 1 \rightarrow (m-1)(m+1) \end{aligned}$$

$$y_{S_1} = -\frac{\Delta}{r_2} \rightarrow \frac{-1\gamma + r_m(V + \frac{m}{r})}{r_m} = 1 \rightarrow \begin{cases} m = \gamma \times \\ m = -r \end{cases}$$

$$y_0 = -r_m^r + r_m + \gamma \rightarrow \begin{cases} -1 \times \\ r \end{cases}$$

$$y_0 = a(m-r)^r + \gamma \xrightarrow{\frac{y_0 - \gamma}{a}} y = -\frac{a^r}{r} + r_m + \gamma$$

$$\frac{1}{\alpha} + \frac{1}{\beta} \Rightarrow \frac{\alpha + \beta}{\alpha\beta} \rightarrow \frac{\delta}{\rho} \rightarrow \frac{\rho}{-1} \left(-\frac{1}{r} \right)$$

$$\xrightarrow{\text{جایگزینی}} \rho - \lambda a - 1 + r_m^r + \gamma a + r = \gamma r_m^r - r a - 1 \neq 0 \quad \begin{cases} 1 \checkmark \\ -\frac{1}{r} \times \end{cases}$$

$$a = 1 \rightarrow a^r - \lambda a + r \quad \begin{cases} r \\ \gamma \end{cases}$$

$$a = -\frac{1}{r} \rightarrow r_m^r - \lambda a + r \quad \begin{cases} r \\ \frac{r}{r} \end{cases}$$

$$\boxed{b = \gamma, \gamma, \frac{r}{r}}$$