

$$\frac{-\Delta}{r_a} = V \Rightarrow \frac{A(b^2 - r_x - 1 \times r^2)}{r_x + r} = V \Rightarrow b^2 = 14$$

$$b = \pm r$$

(1)

الف) $x^2 = t \Rightarrow t^2 + 2t + 1 \Rightarrow \Delta < 0$ ریشه‌ها ندارد $\times$

ب) $r - x^2 = t \Rightarrow t^2 - 2t - 1 \Rightarrow (t - 1)(t + 1)$

$\hookrightarrow t = 1, t = -1$

(2)

$$r - x^2 = 1 \Rightarrow x^2 = -1 \times \text{وقتی}$$

$$r - x^2 = -1 \Rightarrow x^2 = 1 \Rightarrow x = \pm 1 \leftarrow \text{مفرجات تابع}$$

$$\frac{c}{a} = \frac{m-1}{n} = \alpha (r - r)$$

$$B = r - r$$

(3)

$$\frac{c}{a} = 1 = \frac{m^2 - r}{-m} \leftarrow \text{در صورتی که از این بزرگتر}$$

(4)

$$\Rightarrow m^2 + m - r = 0 \Rightarrow m = 1, m = -r$$

$\Delta = 0$ وقتی $\Delta > 0$ وقتی

$$\Rightarrow \frac{14}{9} \alpha = \frac{r}{n} \Rightarrow \alpha = \frac{9}{r}$$

$$B(\alpha B) = r \Rightarrow rB = r \Rightarrow B = \frac{r}{r}$$

(5)

$$\frac{c}{a} = r \Rightarrow \frac{14}{9} \alpha = \frac{r}{n} \Rightarrow \alpha = \frac{9}{r}$$

$$\alpha + B = m = \frac{9}{r} + \frac{r}{n} = \frac{r^2 + 9}{rn} \leftarrow \text{بقدر } m \text{ و حدی سوال}$$

$$a, B \Rightarrow B = \nu a$$

(1) د

المادة (3) من

$$\frac{c}{a} \Rightarrow m = \nu a^{\nu} \xrightarrow{\alpha=1} (m = \nu)$$

(2) د

المادة (3) من

$$\Rightarrow \nu a + a = 1 \Rightarrow 1a = 1 \Rightarrow a = 1$$

(3) د

$$a(\alpha^{\nu} - \nu a + \nu = 0) \Rightarrow \alpha^{\nu} - \nu a^{\nu} + \nu a = 0 \Rightarrow \alpha^{\nu} = \nu a^{\nu}$$

$$الف) (n-1)^{\nu} = \nu n + 1 \Rightarrow \frac{n-1}{\nu} = 1$$

$$\Rightarrow n^{\nu} - \nu n + 1 - \nu n - 1 = 0 \Rightarrow n^{\nu} - 1^{\nu} n = 0$$

$$\Rightarrow n(n - 1^{\nu}) = 0 \begin{cases} \rightarrow n = 0 \\ \rightarrow n = 1^{\nu} \end{cases}$$

$$ب) n^{\nu} + \nu n = (n + \nu)$$

$$\rightarrow n + \nu = n^{\nu} + \nu n$$

$$\rightarrow n^{\nu} + n - \nu n = 0 \begin{cases} \rightarrow n = 1 \\ \rightarrow n = -\nu \end{cases}$$

$$\rightarrow n + \nu = n^{\nu} + \nu n$$

$$\Rightarrow n(n+1) = 0 \begin{cases} \rightarrow n = 0 \\ \rightarrow n = -1 \end{cases} \quad n^{\nu} - \nu + \nu + n = 0 \Rightarrow n^{\nu} + n = 0$$