

$$x^p - \omega x + p = 0$$

$$\alpha^T - \omega \alpha + \rho = 0$$

$$\beta' - \omega \beta + \gamma = 0$$

$$\frac{(Fa)(\beta^w)}{(\omega \beta^r)} = \frac{Fa}{\omega \beta^r} + \frac{\beta^w}{\omega} = \frac{Fa^w}{\omega(\alpha \beta^r)} + \frac{\beta^r}{\omega} = \frac{\alpha^w + \beta^w}{\omega} = \frac{S^w - r^w PS}{\omega}$$

$$S = \frac{-b}{a} = \omega$$

$$\frac{140 - 10(1.)}{5} = 18$$

1

2

3

$$\frac{\sqrt{\Delta}}{|a|} = \frac{\gamma}{\varepsilon} \kappa$$

$$\Delta = b^p - \sum a_i c_i = \kappa^p - p_0$$

$$\frac{\sqrt{FK^2 - Y}}{1} = \frac{K}{K^2} K \quad \text{PCBS} \rightarrow FK^2 - P_0 = \left(\frac{K}{K^2}\right) K^2 \rightarrow \left(K - \frac{14}{9}\right) K^2 - P_0 =$$

$$\frac{V}{q} K^P = V. \rightarrow K^P = q$$

$$\left[\frac{K^x}{r} \right] = \left[\frac{9}{r} \right] = K$$

$$x_5 = \frac{-a+p}{p} = -1 \quad y_5 = 1 \quad y = a(x+1)^p + 1 \dots, y = ax^p + pax + a+1 \rightarrow S = -\frac{b}{a} = \frac{-p}{a} = -p$$

$$\alpha^r + \beta^r = S^r - r\rho \rightarrow F - r\left(\frac{a+1}{a}\right) = F - \frac{Pa + P}{a} = \frac{Fa - Pa - P}{a} = \frac{Pa - P}{a} = \omega \quad P = \frac{C}{a} = \frac{a+1}{a}$$

$$\omega a = \gamma a - \gamma \rightarrow \gamma a = -\gamma \rightarrow a = \frac{-\gamma}{\omega}$$

$$\text{Majority} = Q+1 = -\frac{p}{P} + 1 = \frac{1-p}{1}$$

$$-x'' + \omega x + m = 0$$

$2x_1 < 2x_2 < \frac{q}{4} \Rightarrow$ بعد من $2x_1$ ، $(x_2 = \frac{q}{4})$ (سكنى به است)

$$\hookrightarrow x = \frac{q}{r} \dots -\frac{11}{5} + \frac{20}{r} + m < 0$$

علامہ: ڈاکٹر (۱) احمد، علامہ: ڈاکٹر (۲) احمد، علامہ: ڈاکٹر (۳) احمد

$$-\frac{11+q}{K} + m < 0 \quad \dots \Rightarrow m < -\frac{q}{K} \quad (1)$$

$\frac{9}{K}$

$$\Delta > 0 \rightarrow \gamma_0 + \sum m > 0 \rightarrow f_m > -\gamma_0 \rightarrow m > -\frac{\gamma_0}{r} \quad (P)$$

$-5, -4, -3, -2, -1$

5

$$y = mx^p - 12x + \omega m - 1$$

$$m > 0 \quad \leftarrow \text{من (1) } Q \text{ (من) } \text{نقطة} \text{ (نقطة) } \text{نقطة}$$

$$y_s = \frac{-\Delta}{F_a} = 1 \rightarrow \frac{10m^p - Fm - 12F}{Fm} = 1 \rightarrow 10m^p - Fm - 12F = 1m \rightarrow 10m^p - 12m - 12F = 0$$

$$\rightarrow \Delta = b^2 - 4ac \rightarrow 12F - 4(10m^p - 12m - 12F) = 12F - 40m^p + 48m + 48F \rightarrow \omega m^p - 12m - 12F = 0$$

$$\Delta = 9 - 4(\omega x - 12) = 129$$

من (1) و (2)

$$\frac{1}{1} = \frac{1}{1} - \frac{12F}{1} - \frac{12}{\omega}$$

$$\sqrt{\Delta} = 12 \quad m = \frac{12 \pm 12}{10} = \frac{24}{10} = 2.4$$

6

7

8

9

10

$$x^p + 2(a+1)x + 2a - 1 = 0$$

$$\alpha, \alpha, \beta \rightarrow \text{من (1) و (2)}$$

$$\rightarrow \text{من (1) و (2) } \alpha \times \beta = a^p \rightarrow \frac{2a-1}{1} = a^p \rightarrow a^p - 2a + 1 = 0 \rightarrow (a-1)^p = 0$$

$$\frac{c}{a} = \text{من (1) و (2)}$$

$$\rightarrow a = 1$$

$$y = x^p + 2x + 1$$

$$x^p - vx^p - \omega = 0$$

$$1p^p - 1^p s p^p + 1^p s = \omega + v\sqrt{49}$$

$$x^p = t \rightarrow t^p - vt - \omega = 0 \rightarrow \Delta = b^2 - 4ac = 49 - 4(1)(-\omega) = 49 + 4\omega = 49$$

$$t = x^p = \frac{v + \sqrt{49}}{2} \rightarrow x = \pm \sqrt{\frac{v + \sqrt{49}}{2}}$$

$$t = \begin{cases} \frac{v + \sqrt{49}}{2} \\ \frac{v - \sqrt{49}}{2} \end{cases} \times \text{نقطة}$$

$$S = 0$$

$$P = \frac{v + \sqrt{49}}{2} \rightarrow P^p = \frac{11v + 12\sqrt{49}}{2} = \frac{\omega + v\sqrt{49}}{2} \rightarrow 1p^p = \omega + v\sqrt{49}$$

$$y = kx^p - Fx - 7 \rightarrow x_s = \frac{-b}{F_a} = \frac{-7}{Fk} = \frac{7}{k}$$

$$y_s = \frac{-\Delta}{F_a} = \frac{-(12 + 2FK)}{FK} = \frac{-12 - 2FK}{K}$$

$$\Delta = 12 - 4(-7K) = 12 + 28K$$

$$y = -Fx - 7 \rightarrow -F\left(\frac{7}{k}\right) - 7 = \frac{-12 - 2FK}{K} \rightarrow \frac{-7}{k} - 7 = \frac{-12 - 2FK}{K} \rightarrow -1 - FK = \frac{-12 - 2FK}{K} \rightarrow -1 - FK = -1 - 2FK \rightarrow FK = K \rightarrow K = 1$$

$$y_s = \frac{-7 - 12}{1} = \frac{-19}{1} = -19$$

$$y = -mx^p + m + 1$$

$$y = -m - x$$

$$\begin{cases} -mx^p + m + 1 = -m - x \\ y = -mx^p + (m+1)x + 1 + m \end{cases} \Rightarrow \Delta < 0$$

من (1) و (2)

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$$\frac{-1}{2} \quad \frac{-1}{2}$$

$$ME(-1, -\frac{1}{2})$$

$$(m+1)^p - F(1+m(-m)) = m^p + 1 + 2m + Fm + Fm^p = \omega m^p + 4m + 1 < 0$$

$$m^p + 4m + \omega = 0 \rightarrow \begin{cases} x = -\frac{1}{\omega} = -\frac{1}{\omega} \\ x = -\frac{1}{\omega} = -\frac{1}{\omega} \end{cases}$$