

نقطه (متران) ۲۲ تکلیف ۲۲

$$x^2 - 5x + 2 = 0 \quad \Delta = 5 \quad p = 2 \rightarrow \alpha\beta = 2 \rightarrow \beta = \frac{2}{\alpha}$$

$$\frac{x^2 + \beta^2}{\alpha\beta^2} \Rightarrow \frac{x^2}{\alpha\beta^2} + \frac{\beta^2}{\omega} = \frac{x^2}{\alpha\beta^2} + \frac{\beta^2}{\omega} = \frac{\alpha^2 + \beta^2}{\omega}$$

$$\frac{(\alpha + \beta)^2 - 2\alpha\beta(\alpha + \beta)}{\omega} = \frac{16 - 2 \times 2 \times 5}{5} = 2 - 4 = -2$$

$$\left[\begin{matrix} 1 \\ -1 \end{matrix} \right], \left[\begin{matrix} 1 \\ -1 \end{matrix} \right]$$

$$S = \frac{-b}{2a} = \frac{-1/5}{2} = -1/10 \rightarrow -\frac{b}{2a} = \frac{1/5}{2}$$

$$\Rightarrow S = \frac{-b}{2a} = \frac{1}{10}$$

$$|\alpha - \beta| = \frac{\sqrt{\Delta}}{|\alpha|} = \frac{\sqrt{4k^2 - 4}}{1} = \frac{2}{k}$$

$$\sqrt{k^2 - 4} = 2k \Rightarrow 9(k^2 - 4) = 4k^2 \Rightarrow 5k^2 - 4 = 0$$

$$5(k^2 - 4) = 0 \rightarrow k^2 - 4 = 0 \rightarrow k^2 = 4$$

$$\left[\frac{9}{2} \right] = \left[\frac{1}{5} \right] = \left[\frac{4}{5} \right]$$

براکت

$$\frac{-b}{2a} = \frac{2-5}{2} \Rightarrow \frac{-b}{a} = -1 \Rightarrow s \rightarrow s(-1, 1) \quad (4)$$

$$\alpha^2 + \beta^2 = s^2 - 2p = 1 - 2p = 0 \rightarrow 2p = 1 \rightarrow p = \frac{1}{2}$$

$$y sa(\alpha^2 - s\alpha + p) = a(\alpha^2 + \alpha - \frac{1}{2})$$

$$\alpha = -1 \rightarrow a(1 - 2 - \frac{1}{2}) = 1 \rightarrow a = -\frac{2}{3} \rightarrow y = -\frac{2}{3}(\alpha^2 + \alpha - \frac{1}{2})$$

~~$$x = 0 \rightarrow y = -\frac{2}{3}(0 + 0 - \frac{1}{2}) = \frac{1}{3} \Rightarrow C = \frac{1}{3}$$~~

$$\alpha = 0 \rightarrow y = -\frac{2}{3}(0 + 0 - \frac{1}{2}) = \frac{1}{3} \Rightarrow C = \frac{1}{3}$$

$$\omega \rightarrow \frac{-\omega \pm \sqrt{4\omega + 4m}}{-2} \rightarrow \frac{-\omega - \sqrt{4\omega + 4m}}{-2} < \frac{9}{12} \quad (5)$$

$$\rightarrow x^2 \rightarrow \omega + \sqrt{4\omega + 4m} < 9 \rightarrow \sqrt{4\omega + 4m} < 4$$

$$\Delta > 0 \text{ (دوریست معنی)} \Rightarrow 4\omega + 4m > 0 \rightarrow m > -\frac{4\omega}{4}$$

$$-\frac{4\omega}{4} < m < -\frac{9}{4}$$

مقدار

$$-2, -4, -6$$

$$\frac{-\Delta}{f_a} = \frac{-(1ff - r \cdot m + fm)}{fm} = \frac{r \cdot m - fm - 1ff}{fm}$$

$$= \frac{\omega m^2 - m - 19}{m} = 0 \rightarrow \omega m^2 - 19m - 19 = 0$$

$$(\omega m + 19)(m - 19) = 0 \begin{cases} m = 19 \\ m = -\frac{19}{\omega} \end{cases}$$

$$\Rightarrow m = 19 \rightarrow y = 3x^2 - 19x + 19 \rightarrow \frac{-b}{2a} = 19 \rightarrow x = 19$$

عدرتارده سمی

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$$\alpha, a, \beta \Rightarrow \alpha^2 = \alpha \beta = \rho$$

$\alpha \beta = \rho$

$$\alpha \beta = 19a - 1 \rightarrow 19a - 1 = \alpha^2 \rightarrow \alpha^2 - 19a + 1 = 0$$

$$\Rightarrow (a-1)^2 = 0 \rightarrow a = 1$$

$$x^2 - vx^2 - \omega s = 0 \quad x^2 = t$$

$$\Rightarrow t^2 - vt - \omega s = 0 \rightarrow \Delta = b^2 - 4ac = 49$$

$$t = \frac{v \pm \sqrt{49}}{2} \xrightarrow{t=x^2} x = \sqrt{\frac{v \pm \sqrt{49}}{2}}$$

$$x = -\sqrt{\frac{v \pm \sqrt{49}}{2}}$$

ممكن؟ لا يمكن

$$S = 0 \quad p = -\left(\frac{v \pm \sqrt{49}}{2}\right)$$

$$y p^2 - x^2 p + y S = \frac{y (v \pm \sqrt{49})^2}{2} = \frac{49 \pm 49 \pm 49 \sqrt{49}}{2}$$

$$\frac{11 \pm 49 \sqrt{49}}{2} = 49 \pm 49 \sqrt{49}$$

$$y = Kx^2 - tx - y \rightarrow \left| \begin{array}{c} -\frac{b}{a} \\ -\frac{\Delta}{4a} \end{array} \right| \Rightarrow \left| \begin{array}{c} \frac{y}{K} \\ -\frac{(14 \pm 49K)}{4K} \end{array} \right|$$

$$y = tx + x^2$$

$$\Rightarrow \left| \begin{array}{c} \frac{y}{K} \\ -\frac{t - 4K}{K} \end{array} \right|$$

$$\Rightarrow -t\left(\frac{y}{K}\right) - t = \frac{-t - 4K}{K} \Rightarrow \frac{-1 - 4K}{K} = \frac{-t - 4K}{K}$$

$$= \frac{-t - 4K}{K} = 0 \Rightarrow -t - 4K = 0 \Rightarrow K = -\frac{t}{4} \Rightarrow \frac{-t - 4K}{K} = \frac{-t - 4(-\frac{t}{4})}{-\frac{t}{4}} = \frac{-t + t}{-\frac{t}{4}} = \frac{0}{-\frac{t}{4}} = 0$$

$$\left. \begin{aligned} y &= -mn^2 + m(n+1) \\ y &= -m - n \end{aligned} \right\} \Rightarrow -mn^2 + m(n+1) = -m - n$$

$$mn^2 + (-m-1)n - (m+1) = 0$$

discriminant > 0

$$(m+1)^2 + 4m(m+1) > 0$$

$$(m+1)(m+1+4m) > 0$$

$$\Rightarrow (m+1)(5m+1) > 0$$

x	-1	$-\frac{1}{5}$
y	$+$	$-$

$$m \in (-1, -\frac{1}{5})$$

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