

بجای β و α در معادله $S = \alpha + \beta = 0$ قرار می دهیم

$$\alpha' - \delta \alpha - \gamma_0$$

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$$S = \alpha + \beta = 0$$

$$\alpha \cdot \beta = 1$$

$$\alpha' \cdot \beta' = 1$$

$$\frac{\beta' \alpha'' + \beta^0}{\delta \beta'}$$

$$= \frac{\beta' (\alpha'' + \beta'')}{\delta \beta'} = \frac{S'' - \gamma_0 \beta'}{\delta}$$

$$\frac{100 - 40}{8} = \frac{90}{8} = 11.25$$

①

$$\begin{vmatrix} -40 & 1 \\ -8 & -8 \end{vmatrix}$$

مصفی معادلات

$$\Rightarrow \frac{100 - 40}{8} = \frac{1}{8} \Rightarrow \text{مصفی معادلات}$$

$$\frac{1}{8} \alpha'' = 11.25 \Rightarrow \alpha'' = 90$$

②

$$\sqrt{\frac{14}{9} k^r} = \sqrt{\frac{14}{9} k^r}$$

$$\Rightarrow \frac{14}{9} k^r = 1 \Rightarrow k^r = \frac{9}{14}$$

$$\frac{1}{9} k^r = 1 \Rightarrow k^r = 9$$

$$\left[\frac{9}{1} \right] \Rightarrow [9, 0] \Rightarrow \frac{9}{1}$$

③

$$A \begin{vmatrix} 1 \\ 4 \end{vmatrix} B \begin{vmatrix} -1 \\ 4 \end{vmatrix} \Rightarrow \frac{1 - 4}{1} = -3$$

$$S \begin{vmatrix} -1 \\ 1 \end{vmatrix}$$

$$\Rightarrow -1 + 1 = 0$$

$$\alpha' + \beta' = S' - \gamma_0 \Rightarrow \frac{1}{2} - \gamma_0 = 0 \Rightarrow \gamma_0 = \frac{1}{2}$$

$$y = a(m+1)^r + 1 \Rightarrow y = am^r + a + am + 1 \Rightarrow y = am^r + (a+1)m + 1$$

$$S = 1 \Rightarrow \frac{a+1}{a} = \frac{1}{1} \Rightarrow a+1 = a \Rightarrow a = -1$$

$$C = \frac{1}{a} - \frac{1}{a} = \frac{1}{-1} = -1$$

④

$$D > 0 \Rightarrow \begin{cases} 10 + 5m > 0 \\ 5m > -10 \\ m > -2 \end{cases} \quad \text{①}$$

$$\omega_3 = \frac{-\delta - \sqrt{\delta^2 - 5m}}{-\delta + \sqrt{\delta^2 - 5m}}$$

$$\frac{1 \pm \sqrt{5}}{-4 \pm 4} = \frac{1 \pm \sqrt{5}}{0}$$

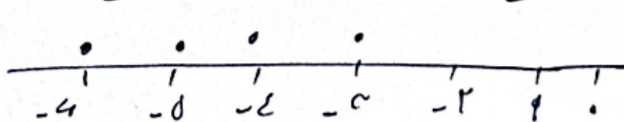
$$-\frac{11}{8} + \frac{50}{1} + m < 0$$

$$\frac{-11 + 9}{8} + m < 0$$

$$m < -\frac{9}{8}$$

مجموعه جواب

$$m = (-4, -2)$$



$$\begin{vmatrix} 1 & 0 & 1 \\ -4 & -1 & -5 \end{vmatrix}$$

⑤

$$\frac{-D}{\epsilon n} = ? \quad \frac{-(18\epsilon - \epsilon(\delta m' - m))}{\epsilon n} = ? \quad \frac{\gamma \cdot m' - \epsilon m - 18\epsilon}{\epsilon a} = ? \Rightarrow \gamma \cdot m' - 18m - 18\epsilon = 0$$

$$\Rightarrow \epsilon(\delta m' - (m - 14)) = 0 \quad \epsilon(m' - (m - 14)) = 0 \quad \epsilon(m - 18)/(m + 18) = 0$$

$$\Rightarrow m = \textcircled{5} - 4\epsilon$$

بما أن $\epsilon < 0$

$$m' = \frac{18}{\epsilon} m + 18 \Rightarrow \text{الحد } = -\frac{h}{\epsilon n} = -\frac{18}{4} = \textcircled{5}$$

$$a' = \alpha \cdot \beta$$

الحد

$$a) \quad p = \frac{\epsilon n - 1}{1}$$

$$a' = \epsilon n - 1$$

$$a' = \epsilon n + 1 = 0$$

$$(a - 1)' = 0$$

$$a = 1$$

$$m' - \sqrt{a} m' - \delta = 0 \quad \frac{m' + \delta}{\sqrt{a}} \quad m' - \sqrt{a} m' - \delta = 0 \quad \sqrt{a} = \sqrt{49 + \gamma} \quad a)$$

$$\frac{+ \sqrt{49 + \gamma}}{\gamma} \left[\frac{+ \sqrt{49 + \gamma}}{\gamma} \quad \checkmark \quad \frac{+ \sqrt{49 + \gamma}}{\gamma} \quad \delta \right] \quad m' = \frac{+ \sqrt{49 + \gamma}}{\gamma} \quad 0 = \gamma$$

$$\gamma p' - \frac{\epsilon \gamma p}{\gamma} + \frac{\epsilon \gamma}{\gamma} \Rightarrow \gamma p' = \epsilon \left(\frac{-\sqrt{49 + \gamma}}{\gamma} \right) \quad \delta \gamma + \sqrt{49 + \gamma} = \frac{-\sqrt{49 + \gamma}}{\gamma}$$

$$y = kx' - \epsilon x - 4$$

$$y = -\epsilon x - \epsilon$$

$$\text{الحد } = \frac{+ \epsilon}{\epsilon k} = \frac{\epsilon}{k}$$

$$y = -\frac{D}{\epsilon a} = \frac{-14 - \epsilon k}{\epsilon k} = \frac{\epsilon(-1 - 4k)}{\epsilon k}$$

$$\text{الحد } = -\epsilon \times \frac{\epsilon}{k} = -\epsilon = \frac{-1}{k} - \epsilon$$

$$\frac{-\epsilon - 4k}{k} = \frac{-1 - \epsilon k}{k} \Rightarrow -\epsilon - 4k = -1 - \epsilon k \Rightarrow k = \textcircled{5} \quad \frac{-1}{k} - \epsilon = -\frac{1}{5} - \epsilon$$

$$y = -m x' + m x + 1$$

$$y = -m - m$$

$$a) \quad -m x' + m x + 1 \neq -m - m$$

$$\Rightarrow -m x' + (m+1)x + m+1 \neq 0 \rightarrow x \neq \frac{m}{m+1} \Rightarrow D < 0 \Rightarrow$$

$$(m+1)' - \epsilon(-m)/(m+1) = 0 \Rightarrow m' + (m+1) - \epsilon(-m' - m) \Rightarrow m' + (m+1) + \epsilon m' + \epsilon m = 0$$

$$\Rightarrow \delta m' + 4m + 1 = 0 \Rightarrow \text{الحد } = m = -\frac{1}{4} \pm \frac{1}{8}$$

a + c = b

$$\frac{-1}{4} \pm \frac{1}{8}$$

$m = (-\frac{1}{4} - \frac{1}{8}) = -\frac{3}{8}$