

المعادلة: $\frac{1}{\gamma} \frac{d^2 y}{dx^2} + \lambda y = 0$ ، $A = \frac{1}{\gamma}$ ، $B = \lambda$ ، $C = 0$

1 $\frac{1}{\gamma} \frac{d^2 y}{dx^2} + \lambda y = 0 \rightarrow \frac{d^2 y}{dx^2} + \gamma \lambda y = 0 \rightarrow \gamma \lambda = -1 \rightarrow \lambda = -1/\gamma$ (1)

3 $\rightarrow y = -\lambda/\gamma + n e^{\lambda x} = 0$ (5)

4 $\lambda = -1 \pm \sqrt{1}$ (4) $\rightarrow \lambda = 0, -2$

5 $\Delta = 1 - (2 \times 1/\gamma \times 1) = 1 - 2/\gamma$ (1)

7 $\Delta = 0 \rightarrow \gamma = 2 \rightarrow \lambda = -1/2 \rightarrow y = e^{-x/2} \rightarrow y = 0$ (1)

8 $\Delta < 0 \rightarrow m \in (-\infty, 0)$ (5)

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10 $\alpha = \frac{c - \sqrt{d}}{2}$, $\beta = \frac{c + \sqrt{d}}{2} \rightarrow \alpha + \beta = c$ (1)

11 $\alpha \cdot \beta = \frac{d}{4}$ (1, 5)

13 $\gamma \lambda = \lambda^2 + m \gamma \lambda \rightarrow \rho = \frac{m \gamma}{\gamma}$, $S = \gamma \rightarrow \alpha + \beta = \gamma \rightarrow \beta = \gamma - \alpha$ (1)

14 $\alpha \gamma + \beta \gamma = \gamma^2 + (-\gamma + \alpha) \gamma = \gamma^2 + \alpha \gamma - \gamma^2 = \alpha \gamma$ (1)

15 $\rightarrow (\gamma \alpha - \gamma)^2 = 0 \rightarrow \alpha = 1$ (5)

16 $\frac{m \gamma}{\gamma} = c \rightarrow m \gamma = c \rightarrow m = \frac{c}{\gamma}$ (5)

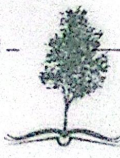
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18 $a x^2 + b x + c$ (1)

19 $(0, \omega) \rightarrow c = \omega$ (5)

20 $(\gamma, a) \rightarrow \gamma a + \gamma b = \gamma \rightarrow a + b = 1$ (5)

21 $b = \gamma, a = -1 \rightarrow -x^2 + \gamma b + \gamma = 0$



~~$$22^{\text{r}} \text{ Vm} + 9\beta s \rightarrow \rho s \frac{9\beta}{9} s 9\beta \rightarrow 9^{\text{r}} \beta s 9\beta \rightarrow 9 s \text{tr}$$~~ (14)

$$\hookrightarrow S \propto \frac{1}{\mu} \rightarrow \frac{1}{\mu} \propto \frac{1}{B} \rightarrow B \propto \frac{1}{S} \propto \frac{1}{\omega^2}$$

$$\log s - \frac{1}{s} = \frac{1}{s} \log s - \frac{1}{s} + \beta \rightarrow \beta s \frac{1}{s} \sqrt{\frac{1}{s}} \quad \textcircled{2}$$

$$\Rightarrow \frac{1}{9} + \frac{1}{10} = \frac{1}{10} + \frac{\mu}{\gamma} - \frac{\nu}{\delta}$$

$$2^r, m \mid \gamma_m \leq 0 \rightarrow \beta^r, m \mid \gamma_m \leq 0 \rightarrow m \mid \gamma_m - \beta^r \quad (V)$$

$$\alpha^r - m\beta \leq \lambda \xrightarrow{*} \alpha^r + \beta^r - \gamma_m = \lambda \rightarrow m^r + \gamma_m = \lambda \leq 0 \quad *$$

$$x^2 + px + S^2 - r_p = m^2 + \varepsilon m \quad (m+1)(m-1) \rightarrow m^2 - 1 \times 008$$

*: $2^2 \Delta = 0 \rightarrow \Delta = 14 - 14 = -14 \times$

$S = m \cdot r$

$$\frac{-\Delta}{\epsilon a} \approx \frac{-14 + \gamma_m^2 + \gamma_n m}{\epsilon m} \approx \gamma_m^2 + \gamma_n m - 14 \approx \gamma_m^2$$

$$\rightarrow 2m^2 - 2m - 14 \leq 0$$

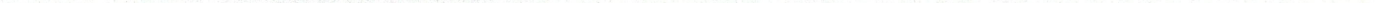
★: $\{x' + \varepsilon x + 9 \leq 0 \rightarrow 14 - 1 \leq x \leq 15\}$

$m^2 - 3m - 12 \leq 0 \quad (m + 3)(m - 4)$

$$m = r \cdot s \cdot y \quad a + c \leq b \quad \text{--- (iv)} \quad m = r \cdot y \quad m = s \cdot y$$

~~$$y = 1.2 + 0.8x$$~~

16 (۱۵۱) معرّفی و نام



$$(0, \varepsilon) \rightarrow c = \varepsilon \quad y = \frac{1}{r}(u+r)^r + 4, \quad u^r \quad F_{u-1} = \quad (9)$$

$$(Y, 4) \rightarrow -b/4a \leq Y \rightarrow \epsilon a \leq -b$$

$$\hookrightarrow a s^{-1/\gamma}, b s^{\gamma} \rightarrow y s^{-2/\gamma} + \gamma x + \varepsilon$$

$$S \approx \epsilon, p \approx -1/2$$

$$\Rightarrow \frac{1}{12} + \frac{1}{12} = \frac{2}{12} = \frac{1}{6} \quad \text{--- (1)}$$



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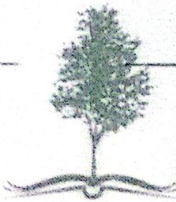
$$18 \quad 25r \rightarrow \varepsilon - \lambda a - \lambda e^{\lambda a^2} + 4a + 15 \rightarrow 2a^2 - 2a - 150$$

المعادلة
19 $\rightarrow a=1, -1/\mu$

(5)

$$20 \quad a=10: y \rightarrow 2^{14} - \lambda x + 12 \rightarrow 25r, (4)$$

$$21 \quad a=1/\mu: y \rightarrow 2^r - \frac{\lambda x}{\mu} + \frac{\varepsilon}{\mu} \rightarrow 2, (1/c)$$



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