

نموده یانچم دفتر A

شماره پاسننامه تلف: ۱۵۵

نام و نام خانوادگی: کیمیا رحیمی

$$y = -x^2 + bx + 1 \Rightarrow \frac{b^2 - 4(-1)(1)}{4} = \frac{b^2 + 4}{4} = 1$$

$$\frac{-\Delta}{2a} = 1$$

$$b^2 = 12 \Rightarrow b = \pm \sqrt{12}$$

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$$f(x) = x^2 + 2mx + 1 \Rightarrow \Delta < 0 \rightarrow$$

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$$f(x) = (x-m)^2 - 2(x-m) - 1 = 0 \rightarrow (t-a)(t+b) \rightarrow \begin{cases} t=a \\ t=-b \end{cases}$$

$$x-m = a \rightarrow x = a+m$$

$$x-m = -b \rightarrow x = -b+m$$

$$x^2 - 14x + m = 0$$

$$m_1 = 1, m_2 = 5 \Rightarrow S = 2\alpha + 2 = 6 \rightarrow \alpha = 2$$

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$$P = \frac{m}{2} = 3 \rightarrow m = 6$$

$$2\alpha - \beta = 2$$

$$S = \alpha + \beta = 4 \rightarrow \alpha = 4 - \beta \Rightarrow 2(4 - \beta) - \beta = 2$$

$$P = 0 \rightarrow \frac{m-1}{2} = 0 \rightarrow m = 1$$

$$\boxed{\beta = 2, \alpha = 2}$$

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$$-mx^2 + 2x + m - 2 = 0$$

$$S = \frac{1}{\alpha} + \alpha = \frac{1 + \alpha^2}{\alpha}$$

$$P = 1 \rightarrow \frac{m-2}{-m} = 1 \rightarrow m-2 = -m \rightarrow m = 1$$

$$-x^2 + 2x + 1$$

$$\boxed{m = 1, m = -2}$$

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$$\alpha^r - m\alpha + \mu =$$

$$\alpha B^r = \varepsilon \rightarrow \alpha B \times B = \varepsilon \rightarrow B = \frac{\varepsilon}{\mu} \text{ و } \alpha = \frac{\mu}{\varepsilon}$$

$$p = \alpha B = \mu$$

$$x = \frac{\varepsilon}{\mu} = 1$$

6

$$m^r - \varepsilon m + \mu =$$

$$\alpha \text{ و } \mu \alpha \rightarrow p = \mu \alpha^r = m \rightarrow \boxed{m = \mu}$$

$$S = \mu \alpha = \varepsilon \rightarrow \alpha = 1$$

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$$m^r - \nu m + r =$$

$$\frac{(\alpha + \beta)(\alpha + \beta - \alpha\beta)}{\nu \quad \varepsilon \alpha - r(r)}$$

$$p = \alpha B = r \rightarrow \alpha = \frac{r}{B}$$

$$\alpha^r + \frac{\Lambda}{\alpha^r} = \frac{\Lambda}{B^r} + \frac{\Lambda}{\alpha^r} = \frac{\Lambda \alpha^r + \Lambda B^r}{\alpha^r B^r} = \frac{\Lambda (\alpha^r + B^r)}{\alpha^r B^r} = \frac{\nu \varepsilon r}{\Lambda} = \mu \nu$$

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$$h(t) = -1 \cdot t^r + \omega \cdot t \rightarrow \text{Max}_h = \frac{-\Lambda}{\varepsilon \alpha} = \frac{-\omega}{\varepsilon} = \frac{\omega}{\varepsilon} = \boxed{1, \omega m}$$

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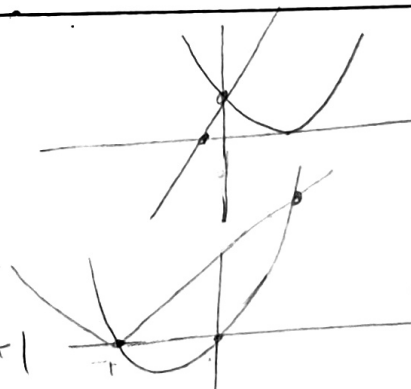
$$\circ = -1 \cdot t^r + \omega t \rightarrow -1 \cdot t(t - \omega) =$$

$$t = \omega \quad \checkmark$$

$$\text{الف) } (\alpha - 1)^r = r\alpha + 1$$

$$\alpha = \mu + 1 \rightarrow \alpha = -\frac{1}{r}$$

$$\alpha = \alpha + 1 \rightarrow y = 1$$



$$\boxed{\alpha = 1}$$

$$\boxed{\alpha = -\frac{1}{r}}$$

$$\text{ب) } m^r + \mu = |m + r|$$

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