

19, 17, 15

اروين عيسى

(1) (2)

$$1) \alpha^r - \omega \alpha + r = 0 \rightarrow \alpha^r = \omega \alpha - r$$

$$2) \beta^r - \omega \beta + r = 0 \rightarrow \beta^r = \omega \beta - r \rightarrow \beta(\omega \beta - r) \rightarrow \omega(\omega \beta - r) - r\beta \rightarrow$$

$$3) r^3 \beta - 10 \rightarrow (r^3 \beta - 10) \times \beta \rightarrow r^3 \beta^r - 10\beta \rightarrow r^3(\omega \beta - r) - 10\beta = r^3 \omega \beta - r^3 r - 10\beta \rightarrow$$

$$4) (10 \omega \beta - 44) \times \beta \rightarrow 10 \omega \beta^r - 44 \beta \rightarrow 10 \omega(\omega \beta - r) - 44 \beta = 10 \omega^2 \beta - 10 \omega r - 44 \beta = \beta \omega$$

$$5) 4 \alpha + \beta \omega \rightarrow 4 \alpha + 4 \omega \beta - r \omega \rightarrow \alpha^r - \omega \alpha + r = \beta^r - \omega \beta + r \rightarrow \alpha^r - \beta^r - \omega(\alpha - \beta) =$$

$$6) \omega \beta^r - \omega(\omega \beta - r) = r \omega \beta - 10$$

$$7) r \omega \beta + 4 \omega \beta - r \omega = 4 \omega \beta - 10$$

$$8) \frac{4 \omega \beta - 10}{r \omega \beta - 10} \Rightarrow \frac{4 \omega(\omega \beta - r)}{\omega(\omega \beta - r)} = \frac{40}{\omega} = 19$$

$$9) \alpha + \beta = \omega \rightarrow \alpha = \omega - \beta$$

$$10) \alpha + \beta = \omega \rightarrow \alpha = \omega - \beta$$

$$11) \frac{r^3 + 10}{r} = \frac{10}{r} = 0.170$$

$$12) \frac{r^3 + 10}{r} = \frac{10}{r} = 0.170$$

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$$14) \frac{r^3 + 10}{r} = \frac{10}{r} = 0.170$$

$$15) \frac{r^3 + 10}{r} = \frac{10}{r} = 0.170$$

$$16) \frac{r^3 + 10}{r} = \frac{10}{r} = 0.170$$

$$17) \frac{r^3 + 10}{r} = \frac{10}{r} = 0.170$$

$$18) \frac{r^3 + 10}{r} = \frac{10}{r} = 0.170$$

$$19) \frac{r^3 + 10}{r} = \frac{10}{r} = 0.170$$

$$20) \frac{r^3 + 10}{r} = \frac{10}{r} = 0.170$$

$$21) \frac{r^3 + 10}{r} = \frac{10}{r} = 0.170$$

$$22) \frac{r^3 + 10}{r} = \frac{10}{r} = 0.170$$

$$23) \frac{r^3 + 10}{r} = \frac{10}{r} = 0.170$$

$$24) \frac{r^3 + 10}{r} = \frac{10}{r} = 0.170$$

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$$26) \frac{r^3 + 10}{r} = \frac{10}{r} = 0.170$$

$$27) \frac{r^3 + 10}{r} = \frac{10}{r} = 0.170$$

$$28) \frac{r^3 + 10}{r} = \frac{10}{r} = 0.170$$

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$$30) \frac{r^3 + 10}{r} = \frac{10}{r} = 0.170$$

$$-a^r + a^r + m = - \rightarrow m < \frac{9}{r} \rightarrow a < 0 \text{ - منبسط به } a$$

(۲) (۵)
✓ ۱۴

$$\omega \Delta = r\omega + r^2 m \geq 0 \rightarrow m \geq \frac{r\omega}{r^2}$$

$$f\left(\frac{9}{r}\right) \rightarrow -\left(\frac{9}{r}\right)^r + a\left(\frac{9}{r}\right) + m = -\frac{1}{r} + \frac{9}{r} + m = \frac{8}{r} + m \rightarrow \frac{9}{r} + m < 0 \rightarrow m < -\frac{9}{r}$$

$$f, -2, -5, -r \in -\frac{r\omega}{r^2} \leq m \leq -\frac{9}{r} \leftarrow \text{ترتیب}$$

$$m a^r - 1 r a + m = -1 \rightarrow \frac{-b}{2a} \rightarrow \frac{1r}{r^2 m} > r \rightarrow m = r \checkmark$$

(۲) (۶)

$$r a^r - 1 r a + 1 \rightarrow f(r) \rightarrow 1r - r^2 + 1 = \sqrt{r} = \sqrt{r} \checkmark$$

$$a^r = a^B$$

$$a^r + r(a+1)a + r a - 1 = 0 \quad \text{با } a=1 \rightarrow r a - 1 \rightarrow a^r = r a - 1 \rightarrow$$

(۷)

$$a^r = r a + 1 = 0$$

(۲)

$$(a-1)^r = 0 \rightarrow a=1 \checkmark$$

$$a^r - v a^r - \omega = 0 \quad a^r = + \rightarrow f^r - v + -\omega = 0 \rightarrow t = \pm \frac{v \pm \sqrt{v^2 + 4\omega}}{2}$$

$$x \rightarrow s$$

$$-r \rightarrow p$$

$$r p^r - r(0) p^r + r(0) = \omega + v \sqrt{v^2 + 4\omega} \quad r = \pm \sqrt{\frac{v + \sqrt{v^2 + 4\omega}}{r}}$$

$$p = -\frac{v + \sqrt{v^2 + 4\omega}}{r} \quad s = 0 \quad \omega_0$$

$$r p^r = r \left(\frac{v + \sqrt{v^2 + 4\omega}}{r}\right)^r \rightarrow \frac{118 + 15\sqrt{44}}{r} = \omega + v \sqrt{v^2 + 4\omega} \checkmark$$

(۲) (۸)

$$a^r \rightarrow \frac{c}{r^k} = \frac{r}{k}$$

$$2 \rightarrow \frac{-\frac{r}{k} - 9}{k}$$

$$= -8$$

$$-\frac{r}{k} - 9 = -\frac{1}{k} - r \rightarrow \frac{r}{k} = r \rightarrow k = r \checkmark$$

$$\text{عرض} = \frac{1}{|a|} = \frac{1}{r} \leftarrow \text{بزرگ}$$

مربوطه د راس در خواص!

(۹) (۱, ۷۸)

$$-m a^r + m a + 1 = -m - a \rightarrow -m a^r + m a + m + a + 1 \rightarrow -m a^r + a(m+1) + (m+1) \quad (۲) (۱۰)$$

$$-1 \leq m < -\frac{1}{a}$$

$$m(m+1) = \frac{r^2(m+1)}{r^2} \rightarrow (m+1)^r + (m(m+1))^r = 0 \rightarrow (m+1)(m+1) = 0$$