

سيف سماره 19 (آيا نمبردار) 4 زرهه 3

$$r^2x^r - ax + \varepsilon = 0$$

$$P = C_a = \frac{\varepsilon}{r} = r^2x^r \rightarrow x^r = \frac{\varepsilon}{a} \rightarrow a = \pm \frac{r}{r}$$

$$|31 - (-1)| = (14) \rightarrow \text{جواب}$$

$$a = \frac{r}{r} \rightarrow x_1 = \frac{r}{r}, x_r = r \quad (1)$$

$$a = -\frac{r}{r} \rightarrow x_1 = \frac{r}{r} \rightarrow x_r = -r$$

$$r^2x^r - (m+1\varepsilon)x + 1 = 0$$

$$d + \beta = \frac{m+1\varepsilon}{r^2}$$

$$\sqrt{\frac{1}{a}} + \sqrt{\frac{1}{\beta}} = \Delta \rightarrow \frac{1}{a} + \frac{1}{\beta} = (r)$$

$$m^2x^r + \varepsilon x + r = 0$$

$$d\beta = \frac{1}{r^2}$$

$$r\sqrt{\frac{1}{a\beta}} = r\Delta$$

$$m+1\varepsilon + 1r = r\Delta \rightarrow m = -1 \rightarrow -x^r + \varepsilon x + r = 0 \rightarrow x = \frac{-\varepsilon \pm \sqrt{1\varepsilon}}{-r} \Rightarrow$$

$$\frac{-\varepsilon + \sqrt{1\varepsilon}}{-r} \times \frac{-\varepsilon - \sqrt{1\varepsilon}}{-r} = (-r) \rightarrow \text{جواب}$$

$$r^2x^r + kx^r - 4x - r = 0$$

$$\frac{r^2x^r + kx^r - 4x - r}{(rx + 1)}$$

$$k + \varepsilon = 1 \rightarrow k = -r$$

$$a + \beta = 1, a\beta = -r \rightarrow \text{جواب} : x^r - x - r = 0$$

$$k = r$$

$$x^r + 4x + a = 0$$

$$r_1\omega a^r + r_1\omega \beta^r + 0\omega a^r - 0\omega \beta^r = r_1\omega(a^r + \beta^r) + \omega(a^r + \beta^r)$$

$$r_1a^r + r_1\beta^r = 1r\sqrt{r} + 1\Delta$$

$$4 - \omega a + 4\sqrt{4-a} = 1\Delta + 1r\sqrt{r} \Rightarrow$$

$$a = r$$

$$(-\omega a^4 - 1\Delta - 1r\sqrt{r})^r = (-4\sqrt{4-a})^r \Rightarrow a = 1 \rightarrow \text{جواب}$$

$$x^r - vx^r - \Delta = 0$$

$$x^r = t \rightarrow t^r - vt - \Delta = 0 \Rightarrow t = \frac{v \pm \sqrt{v^2 + 4\Delta}}{r}$$

$$rP^r - r^3P + r^3B = 0$$

$$x = \frac{\pm \sqrt{v^2 + 4\Delta}}{r} \Rightarrow B = 0, P = \frac{-v + \sqrt{v^2 + 4\Delta}}{r}$$

$$rP^r - r^3P + r^3B = r(r^4 + 1\varepsilon\sqrt{4\Delta} + r^4) = \frac{\omega^4 + v\sqrt{4\Delta}}{r^4}$$

$$r^2x^r - ax + b = 0 \rightarrow x_1 = \alpha + \frac{1}{r}, x_r = \beta + \frac{1}{r}$$

$$ra^2x^r + ax - 4 = 0$$

$$S = a + \beta + 1 = \frac{a}{r} \rightarrow a = -\frac{r}{r}, \beta = r$$

$$b = -4, a = 1$$

$$\left[\frac{ab}{\varepsilon}\right] = ?$$

$$x_1 = \alpha, x_r = \beta / S = \frac{a}{-ra} = \alpha + \beta \Rightarrow \alpha + \beta = -\frac{1}{r}$$

$$\left[\frac{ab}{r}\right] = \left[\frac{-4}{\varepsilon}\right] = (-r) \rightarrow \text{جواب}$$

$$r^2x^r + x - 4 = 0 \rightarrow a = -r, \beta = \frac{r}{r}$$

$$ax^r - ax - b = r$$

$$\alpha + \beta = 1$$

$$\alpha \times \beta = -b/a$$

$$r \cdot \beta^r + r \cdot \alpha^r - r \cdot \beta = 1r$$

$$x^r - x - b/a = 0 \rightarrow x^r - x = b/a \Rightarrow \beta^r - \beta = b/a$$

$$r \cdot (1 + \frac{rb}{a}) + r \cdot (\frac{b}{a}) = r \cdot 4 \cdot t = 1r \rightarrow 4 \cdot t = -c \rightarrow \frac{b}{a} = -\frac{1}{r}$$

$$\alpha - \beta = \frac{\sqrt{\Delta}}{|a|} = \sqrt{\frac{F_2}{\Delta}}$$

$$x^r - (a+1)x + a = 0$$

$$x_1 = r\alpha - 1, x_2 = r\alpha + 1$$

$$P = \sum \alpha^r - 1 = a$$

$$S = \sum \alpha = \alpha + 1$$

$$x_1 = r\beta, x_2 = r\beta + r$$

$$S' = r\beta + r \rightarrow \beta = r$$

$$P = r\beta^r + r\beta = b \rightarrow b = r\epsilon$$

$$P' = r\epsilon$$

$$r\epsilon - r = r_1$$

$$x^r + x - 1 - m^r = 0$$

$$(\beta + r)^r - r\alpha\beta = (-1)^r + r(m^r + 1) = 1 + r m^r + r = r m^r + c = r$$

$$\alpha^r + \beta^r = 8$$

$$\alpha + \beta = -1$$

$$\alpha\beta = -(m^r + 1)$$

$$A(r, y) / B(-a, y)$$

$$\alpha^r + \beta^r = a$$

$$C/a = -1/r$$

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

$$a = -\frac{r}{c}$$

$$s^r - rp = r - rp = a \rightarrow P = \frac{C}{a} = -\frac{1}{r}$$

$$\frac{r}{r} = \frac{1}{r}$$