

پایه هفتم ریاضی

نمازخانه

تالیف ۲۰

زهرا لاریجانی

$$a = \frac{1}{B} = \frac{1}{\frac{1}{4}} = 4$$

$$x = \frac{1}{\mu} \Rightarrow x \leq \frac{1}{\mu}$$

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$$\frac{1}{B} \times B = 1 \quad \frac{1}{\frac{1}{4}} = 4 \quad \frac{1}{\frac{1}{4}} = 4 \quad \frac{1}{\frac{1}{4}} = 4$$

$$\frac{1}{\mu} + \frac{1}{\mu} = \frac{2}{\mu} \Rightarrow \frac{2}{\mu} = \frac{2}{\mu} \Rightarrow \mu = 1 \quad a_1 - a_2 = 1 - (-1) = 2$$

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$$B = -\frac{1}{\mu} \rightarrow \mu = -1 \quad -\frac{1}{\mu} = \frac{1}{\mu} \quad \mu = -1$$

$$\sqrt{\frac{1}{a}} + \sqrt{\frac{1}{B}} = a \Rightarrow \frac{1}{\sqrt{a}} + \frac{1}{\sqrt{B}} = a \Rightarrow \frac{\sqrt{B} + \sqrt{a}}{\sqrt{aB}} = a \quad \frac{\sqrt{aB}}{a} \Rightarrow \sqrt{aB} = a^2$$

$$\frac{1}{B} = \frac{1}{\frac{1}{4}} = 4 \quad a + B = \frac{4 + 1}{4} = \frac{5}{4} \quad a + B + \sqrt{\frac{1}{aB}} = \frac{5}{4} + \sqrt{\frac{1}{4}} = \frac{5}{4} + \frac{1}{2} = \frac{6}{4} = \frac{3}{2}$$

$$m \times \frac{1}{a} + \frac{1}{a} = 0$$

$$-x^2 + \frac{1}{a}x + \frac{1}{a} = 0 \quad \frac{c}{a} = -\frac{1}{a}$$

$$(a+3)^2 = 1 \rightarrow a^2 + 6a + 9 = 1 \quad a^2 + 6a + 8 = 0 \quad a^2 + 6a + 8 = 0 \quad a = -2 \quad a + 3 = 1 \quad a = -2$$

$$F_x(-1)^2 + k + 9 = 0 \Rightarrow k = -10$$

$$F_x 1 + F_k - 12 = 0 \Rightarrow k = 11$$

$$\frac{1}{a} + \frac{1}{a} = \frac{2}{a} \quad \frac{1}{a} + \frac{1}{a} = \frac{2}{a} \quad \frac{1}{a} + \frac{1}{a} = \frac{2}{a}$$

$$\frac{1}{a} (\alpha^2 + \beta^2) + \frac{1}{a} (\alpha^2 - \beta^2) \quad \alpha^2 + \beta^2 = 5 - 2\sqrt{5} = 5 - 2\sqrt{5}$$

$$\alpha^2 - \beta^2 = (\alpha + \beta)(\alpha - \beta) = -2(-\sqrt{5} \pm 1) = 2(\sqrt{5} \pm 1)$$

$$\frac{a}{a} (\alpha^2 + \beta^2) + \frac{1}{a} (\alpha^2 - \beta^2) \Rightarrow 9 - 2\alpha + 2\sqrt{5} - 2 = 12\sqrt{5} + 10$$

$$9 - 2\alpha = 10 \Rightarrow \alpha = -\frac{1}{2} \quad 2\sqrt{5} - 2 = 12\sqrt{5} + 10$$

$$t^2 - vt - 5 = 0 \quad t = \frac{v \pm \sqrt{v^2 + 20}}{2}$$

$$\Delta = 49 + 20 = 69 \quad a = \frac{v \pm \sqrt{v^2 + 20}}{2} \quad 0 = 0 \Rightarrow p = \frac{v - \sqrt{v^2 + 20}}{2}$$

$$\frac{1}{p} + \frac{1}{p} = \frac{2}{p} \Rightarrow \frac{2}{p} = \frac{2}{p} \Rightarrow p = 1 \quad \frac{1}{p} + \frac{1}{p} = \frac{2}{p} \Rightarrow \frac{2}{p} = \frac{2}{p} \Rightarrow p = 1$$

شهادت سربازان دلیر اسلام: بخارایی، امانی، صفار هرنندی و نیک نژاد (۱۳۴۴ ه.ش)

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سه شنبه

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الثلاثاء

۱۳۹۳/۳/۲۷

$$\alpha + \beta = -\frac{1}{r}$$

$$\alpha + \beta = \frac{a-r}{r} \Rightarrow a=1$$

$$\alpha + \beta = -\frac{1}{r}$$

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

$$\alpha + \frac{1}{r} + \beta + \frac{1}{r} = \frac{a}{r}$$

$$\alpha + \beta + 1 = \frac{a}{r}$$

$$\left(\frac{1}{r} + \alpha\right) \left(\frac{1}{r} + \beta\right) = \frac{1}{r^2} + (\alpha + \beta) \frac{1}{r} + \alpha\beta = \frac{b}{r^2}$$

$$\frac{1}{r^2} - \frac{1}{r^2} - \frac{1}{r^2} = \frac{b}{r^2} \Rightarrow b = -1$$

$$\left[\frac{ab}{r}\right] \Rightarrow \left[\frac{1 \times -1}{r}\right] = \left[-\frac{1}{r}\right] = -1$$

$$a\alpha' - a\alpha - b = 0$$

$$a\beta' - a\beta - b = 0 \rightarrow \beta' - \beta = \frac{b}{a}$$

$$r\beta' + r\alpha' - r\beta = r\beta' + r\alpha' + r\beta' - r\beta$$

$$r \cdot (s' - r\rho) + r \cdot (B' - \beta) \Rightarrow r \cdot \left(1 + \frac{r}{a}\right) + r \cdot \left(\frac{b}{a}\right) = r + \frac{r}{a} + \frac{r \cdot b}{a}$$

$$\frac{b}{a} = -\frac{1}{r} \Rightarrow b = -\frac{1}{r} \Rightarrow \frac{\sqrt{A}}{|a|} = \frac{\sqrt{a^2 + r \cdot a \cdot b}}{|a|} = \frac{\sqrt{a^2 - \frac{a}{r}}}{|a|}$$

$$= \frac{\sqrt{a^2 - \frac{a}{r}}}{|a|} = \frac{|a| \sqrt{\frac{r}{a}}}{|a|} = \sqrt{\frac{r}{a}} = \frac{r}{\sqrt{a}}$$

$$a = r k + 1 \times r k - 1 = f k^2 - 1$$

$$a + 1 = f k^2 \rightarrow a = f k^2 - 1$$

$$f k^2 - f k = 0$$

$$f k (k-1) = 0 \rightarrow k=1 \quad k=0$$

$$a=3$$

$$b = f k^2 + f k'$$

$$r a + 1 = f k^2 + r \quad 1 = f k^2 + r \Rightarrow k^2 = r \quad b = r \cdot 2 \quad |a+b| = |f k^2 + f k'| = 2$$

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

$$r\beta = -1 - m^2$$

$$r\alpha' + r\beta' = s' - r\rho = 1 - r(-m^2 - 1) = r + r m^2$$

$$m^2 = 0$$

$$r + r m^2 \xrightarrow{m=0} r$$

$$y = a(x+1)^r + 1 \Rightarrow 0 = a(x^r + 1 + r x) + 1 \Rightarrow 0 = a x^r + a + r a x + 1$$

$$\alpha + \beta = -\frac{r}{a} = -1 \quad \alpha\beta = \frac{a+1}{a} \quad a^2 + \beta^2 + r\alpha\beta = f \rightarrow r\alpha\beta = -1$$

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

$$y = \frac{r}{r-1} (x+1)^r + 1$$

$$\rightarrow y = \frac{r}{r-1} + 1$$

$$x=0 \rightarrow y = \frac{1}{r}$$

روز جهاد کشاورزی (تشکیل جهاد سازندگی به فرمان حضرت امام خمینی (رحمه الله علیه) - ۱۳۵۸ هـ.ش)