

برای پیدا کردن

در این

$$\frac{b}{a} = \frac{a}{p}$$

پیدا کردن

$$x^2 - ax + 1 = 0$$

$$ax^2 + 1 = 0$$

-1

$$x^2 - ax + 1 = \frac{p}{q}$$

$$\frac{p}{q} = 1$$

$$\frac{p}{q} = \frac{1}{p} = \frac{a}{p} \Rightarrow a = 1$$

$$1 - (-1) = 2$$

$$ax = \frac{p}{q}$$

$$\frac{p}{q} = -1$$

$$-1 = \frac{p}{q} = \frac{1}{p} = \frac{a}{p} \Rightarrow a = -1$$

$$\frac{1}{x} + \frac{1}{y} = a$$

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

$$p = \frac{1}{xy}$$

-2

$$\frac{1}{x} + \frac{1}{y} = \frac{a + \beta \sqrt{a^2 - 4}}{a\beta} \Rightarrow \sqrt{\frac{a + \beta \sqrt{a^2 - 4}}{a\beta}}$$

$$\sqrt{\frac{a + \beta \sqrt{a^2 - 4}}{a\beta}} = \frac{1}{x}$$

$$x = \frac{1}{\sqrt{\frac{a + \beta \sqrt{a^2 - 4}}{a\beta}}} \Rightarrow x = \frac{\sqrt{a\beta}}{\sqrt{a + \beta \sqrt{a^2 - 4}}}$$

$$xy = 1$$

$$s = \frac{1}{xy}$$

$$\frac{m+1}{xy} = \frac{p}{xy}$$

$$m = -1$$

$$p = \frac{c}{a} = \frac{1}{-1} = -1$$

$$-1x^2 + x + 1 = 0$$

$$x^2 + kx - 9x + 1 = 0$$

$$a\beta = 1$$

$$a\beta = -1$$

-3

$$\frac{b}{a} = \alpha + \beta \sqrt{a^2 - 4} = \frac{k}{f}$$

$$\Rightarrow$$

$$1 - \frac{1}{f} = -\frac{k}{f} \Rightarrow \frac{f}{f} = -\frac{k}{f} \Rightarrow k = -f$$

$$\frac{d}{a} = a\beta \sqrt{a^2 - 4} = \frac{p}{f}$$

$$-1 \times \sqrt{a^2 - 4} = \frac{p}{f} \Rightarrow \sqrt{a^2 - 4} = -\frac{1}{f}$$

$$x^2 - 9x + a = 0$$

$$a \in \mathbb{R}$$

$$x^2 - 9x + a = 1 \pm \sqrt{1 - 4a}$$

-4

$$\sqrt{\frac{1 \pm \sqrt{1 - 4a}}{a}} + a = 1 \pm \sqrt{1 - 4a}$$

$$\sqrt{\frac{1 \pm \sqrt{1 - 4a}}{a}} = 1 \pm \sqrt{1 - 4a}$$

$$\sqrt{1 - 4a} + 1 - a = 1 \pm \sqrt{1 - 4a}$$

$$1 - 4a + 1 - a = 1 \pm \sqrt{1 - 4a}$$

$$1 - 5a = 1 \pm \sqrt{1 - 4a}$$

$$a = 0$$

$$a = -1 \pm \sqrt{1 - 4a}$$

$$a = -\frac{1 \pm \sqrt{1 - 4a}}{4}$$

$$x^2 - 9x - a = 0$$

$$S = 0$$

-5

$$x = t$$

$$x^2 - 9x - a = 0$$

$$x = \frac{9 \pm \sqrt{81 - 4a}}{2}$$

$$\frac{9 \pm \sqrt{81 - 4a}}{2} = \frac{9 \pm \sqrt{81 - 4a}}{2}$$

$$a = \frac{9 \pm \sqrt{81 - 4a}}{2}$$

$$p = -\frac{(9 \pm \sqrt{81 - 4a})}{2}$$

$$a = \frac{9 \pm \sqrt{81 - 4a}}{2}$$

$$x^2 - 9x - a = 0$$

$$x = \frac{9 \pm \sqrt{81 - 4a}}{2}$$

$$r\lambda' - a\lambda + b = 0$$

$$\alpha, \beta \quad S = \frac{a}{r} \\ P = \frac{b}{r}$$

$$\frac{a}{r} = \frac{1}{r} \quad (a=1)$$

$$\frac{b}{r} = -r \quad (b=-r)$$

$$r\alpha\lambda + r\beta\lambda - \gamma = 0$$

$$\alpha = \frac{1}{r}, \beta = \frac{1}{r}$$

$$r\lambda' + r\lambda - \gamma = 0$$

$$P = -r$$

$$\left[\frac{ab}{r} \right] = \left[\frac{-r}{r} \right] = \left[-\frac{r}{r} \right] = (-r)$$

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

$$S = \frac{a}{ra} = -\frac{1}{r}$$

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

$$P = a\beta = \frac{1}{r} \left(\frac{1}{r} \right) = \frac{1}{r^2}$$

$$P = a\beta = -r$$

$$r, \beta' \quad r, \alpha' - r, \beta = 1V$$

$$r, \beta' + r, \beta' + r, \alpha' - r, \beta = 1V$$

$$r, (\beta' + \alpha') + r, (\beta' - \beta) = 1V$$

$$1 + r \frac{b}{a}$$

$$r, \frac{b}{a} + r, \frac{b}{a} + r, \frac{b}{a} = 1V$$

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

$$a\lambda' - a\lambda = b$$

$$\lambda' - \lambda = \frac{b}{a}$$

$$S = \frac{+a}{a} = 1$$

$$P = -\frac{b}{a}$$

$$\frac{\Delta}{|a|}$$

$$\frac{r\sqrt{a}}{\omega}$$

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

$$\lambda' - (a+1)\lambda + a = 0$$

$$\lambda' - (a+1)\lambda + b = 0$$

$$a=r$$

$$\lambda' \cdot \log a + b$$

$$\frac{\Delta}{|a|} = r$$

$$\frac{\sqrt{a^2 + 1 + r_a - r_a}}{r} = r$$

$$A' = \sqrt{A} + B = \sqrt{r}$$

$$\frac{\sqrt{a}}{|a|} = r$$

$$\sqrt{1 - ab} = r$$

$$\frac{a}{b} = \frac{r}{r}$$

$$a' - r_{a+1} = r \rightarrow (a-1)^r = r$$

$$\frac{r\sqrt{a^2 + b^2}}{r} = r$$

$$r\sqrt{a^2 + b^2} = r$$

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

$$r\sqrt{a^2 + b^2} = r$$

$$b = r^2$$

$$\lambda' + \lambda - 1 - m^2 = 0$$

$$S = -1$$

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

$$S' = rP$$

$$1 - r(1 - m^2)$$

$$1 + r + r m^2$$

$$r m^2 + r$$

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

$$(r, y) \quad (a, y)$$

$$-1$$

$$-\frac{b}{ra} = -1 \Rightarrow \frac{b}{ra} = 1$$

$$\left(\frac{b}{a} = r \right)$$

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

$$a\lambda' + b\lambda + c = 0$$

$$a' + \beta' = d$$

$$S' - rP = d$$

$$\frac{r b'}{a'} - r \frac{c}{a} = d$$

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

$$f - r \left(\frac{a+1}{a} \right) = d$$

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

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

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

$$a(a+1)^r = y$$

$$a\lambda' + b\lambda + c = 1$$

$$a+1 = -\frac{r}{r} + 1 = \left(\frac{1}{r} \right)$$

$$r a c r - a$$

$$r a = -r$$

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