

$$2a^2 - a^2 - f = 0 \quad a, 2a$$

$$p = 2a^2 \pm \frac{f}{p} \Rightarrow a^2 \pm \frac{f}{p} \Rightarrow a \pm \frac{\sqrt{f}}{\sqrt{p}} \Rightarrow \frac{f}{p} = \frac{f}{p} \Rightarrow p = \frac{f}{p}$$

$$s = \frac{a}{p} = \frac{1}{p} \Rightarrow a = \frac{f}{p} \Rightarrow \textcircled{1}$$

$$s = \frac{a}{p} = -\frac{1}{p} \Rightarrow a = -\textcircled{1}$$

$$\text{نسبت } = \textcircled{19}$$

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

$$s = -\frac{b}{a} = \frac{m+1}{2}$$

$$p = \frac{c}{a} = \frac{1}{2}$$

$$\frac{1}{\sqrt{a}} + \frac{1}{\sqrt{b}} = \frac{\sqrt{b} + \sqrt{a}}{\sqrt{ab}} = \frac{\sqrt{b} + \sqrt{a}}{\frac{1}{r}} = 0 \Rightarrow \sqrt{b} + \sqrt{a} = 0$$

$$b + a + \sqrt{ab} = \frac{10}{p} \Rightarrow a + b = \frac{10}{p}$$

$$\frac{m+1}{2} = \frac{1}{2} \Rightarrow m+1 = 1 \Rightarrow m = -1$$

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

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

$$fB^2 + kB^2 - 9a - 2 = 0$$

$$s = -\frac{b}{a} = \frac{9}{f+k}$$

$$p = -\frac{c}{a} = \frac{2}{f+k}$$

$$-\frac{d}{a} = \frac{1}{r} = \frac{1}{f} \Rightarrow \frac{1}{f} = -\frac{1}{f} \Rightarrow \frac{1}{f} = -\frac{1}{f}$$

$$a + b + c = \frac{10}{p} \Rightarrow \frac{1}{f} = \frac{1}{f} \Rightarrow \frac{1}{f} = \frac{1}{f}$$

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

$$\alpha < \beta < \gamma$$

$$2a^2 + 2b^2 = 12\sqrt{2} + 10$$

$$a^2 + b^2 + c^2 = 0$$

$$2(a^2 + b^2) + c^2 = 12\sqrt{2} + 10 \Rightarrow 2(s^2 - p) + c^2 = 12\sqrt{2} + 10$$

$$2(3 - 2a) + \left(\frac{-4 - \sqrt{4 - 4a}}{2}\right)^2 = 12\sqrt{2} + 10 \Rightarrow \sqrt{4 - 4a} + \frac{2 + 4 - 4a + 12\sqrt{4 - 4a}}{2} =$$

$$\sqrt{4 - 4a} + \frac{\sqrt{4 - 4a} + 12\sqrt{4 - 4a}}{2} = \sqrt{4 - 4a} + \frac{\sqrt{4 - 4a}}{2} + 6\sqrt{4 - 4a} = 7\sqrt{4 - 4a} = 12\sqrt{2} + 10$$

$$\sqrt{4 - 4a} = \sqrt{2} \Rightarrow a = \frac{4 - 2}{2} = 1$$

$$2a^2 - 4a^2 = 0 \Rightarrow a^2 = A \quad A^2 - 4A = 0 \Rightarrow A = 0 \text{ or } A = 4$$

$$\frac{+ \sqrt{A}}{- \sqrt{A}} \Rightarrow \frac{1}{-1} \Rightarrow \frac{1}{-1} = -1$$

$$2p^2 - \sqrt{sp} + \frac{1}{s} - 2p^2 = 2A^2$$

$$A = \frac{v \pm \sqrt{4a}}{2}$$

$$2 \left(\frac{v \pm \sqrt{4a}}{2} \right)^2$$

$$2 \left(\frac{f a + 4 a + 1 \sqrt{4 a}}{2} \right) = \frac{11 + 1 \sqrt{4 a}}{2} = \frac{11 + 2 \sqrt{4 a}}{2}$$

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

$$ra^2 - a + b$$

$$\left(\alpha + \frac{1}{r}\right) \left(\beta + \frac{1}{r}\right)$$

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

$$ra^2 + a + b$$

$$\alpha + \beta$$

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

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

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$$b/a = \frac{ra^2 - a + b}{r} \Rightarrow b = a - \frac{a^2}{r} + \frac{b}{r}$$

$$ra^2 - a - b$$

$$ra^2 + a - b$$

$$b/a = \frac{ra^2 - a - b}{r}$$

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

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

$$ra^2 - a - \frac{b}{a} = 0$$

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$$ra^2 - a - \frac{b}{a} = 0$$

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

$$\frac{\sqrt{A}}{|a|} = \sqrt{1 - \frac{b}{a}} = \sqrt{1 - \frac{1}{a}}$$

$$\sqrt{\frac{a}{a-1}}$$

$$r(B^2 + rC^2) - r(B^2 - rC^2) = 1$$

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$$\frac{(r^2 - r)}{(1 + r^2)} \cdot \frac{b}{a}$$

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

$$ra^2 - (a+1) + a = 0$$

$$\frac{\sqrt{A}}{|a|} = \frac{\sqrt{(a+1)^2 - 4a}}{|a|} = \frac{a-1}{a} = r \Rightarrow a-1 = ra$$

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

$$ra^2 - (a+1) + a = 0$$

$$(a-r)(a-1) = 0$$

$$ra^2 - (ra+1) + a = 0$$

$$\frac{\sqrt{(ra+1)^2 - 4a}}{|a|} = \frac{ra-1}{a} = r \Rightarrow ra-1 = ra$$

$$ra-1 = ra \Rightarrow b = -ra$$

$$ra^2 - (a+1) + a = 0$$

$$(a-r)(a-1) = 0$$

$$ra^2 + a - 1 - ra^2 = 0$$

$$ra^2 + a - 1 - ra^2 = 0$$

$$S = -1$$

$$p = -ra^2 - 1$$

$$1 - rp = 1 + rra^2 = rra^2 + 1$$

$$p_{min} = -\frac{A}{E_{el}} \cdot \frac{r^2}{a} \cdot \frac{r^2}{a}$$

$$Ara^2 + Ba + C = 0$$

$$B(-2a) \quad A(r, a)$$

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

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$$a(a-r) + k = a(a+1) + 1 \Rightarrow a^2 - ra + k = a^2 + a + 1$$

$$ra^2 + a - 1 - ra^2 = 0$$

$$S = -r$$

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

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

$$ra^2 + a - 1 - ra^2 = 0$$

$$ra^2 + a - 1 - ra^2 = 0$$