

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

$$ra^2 - a + b$$

$$\left(\frac{a+1}{r}\right) \quad \left(\frac{B+1}{r}\right)$$

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

$$ra^2 + a + b$$

$$x + B$$

$$x + B = -\frac{1}{r}$$

$$\frac{a+B+1}{r} = \frac{a}{r} \Rightarrow \frac{a}{r} = \frac{1}{r} \Rightarrow a=1$$

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$$b) \text{ مشکو } = ra^2 - a + b$$

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

$$ra^2 - a - \frac{1}{r}$$

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

$$- \frac{1}{r} \cdot \frac{B+1}{r} = \frac{1}{r} \cdot \frac{B+1}{r}$$

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

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

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

$$F_c(B^2 + r_c a^2) - r_c B = 1/r$$

$$r_c(B^2 + r_c a^2) - r_c B = 1/r$$

$$\frac{(r_c^2 - r_p)}{(1 + r_b)} \cdot \frac{b}{a}$$

$$r_c + \frac{r_c b}{a} + \frac{r_c b}{a} = r_c + \frac{r_c b}{a} = 1/r \Rightarrow \frac{r_c b}{a} = -r \Rightarrow \frac{b}{a} = -\frac{1}{r_c}$$

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

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

$$ra^2 - fa + r = 0$$

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

$$a = r$$

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

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

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

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

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

$$S = -1$$

$$D = -ra^2 - 1$$

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

$$B(-298) \quad A(r, g)$$

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

$$1 = \frac{r-a}{r} \Rightarrow r-a = r \Rightarrow a = 0$$

$$a(a-h)^2 + k = a(a+1) + 1 = aa^2 + ra + ra + 1$$

$$ra^2 + B^2 = S^2 - r_p$$

$$S = -r$$

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

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

$$ra^2 - a - \frac{1}{r} = 0$$

$$ra^2 - a - \frac{1}{r} = 0$$

$$S = -4 \quad p = a$$

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$$\alpha, \beta = \frac{-4 \pm \sqrt{16 - 4a}}{2} \quad \alpha < \beta \rightarrow \alpha = -2 - \sqrt{4 - a}$$

$$\alpha^r + r(\alpha^r + \beta^r) = \alpha^r + r(S^r - rp)$$

$$(-2 - \sqrt{4 - a})^r + r(16 - 4a) = 16\sqrt{r} + 4a \rightarrow a = 1$$