

$$S = \alpha + B = -\frac{b}{a} = 1 \rightarrow \alpha = 1 - B$$

$$F_0 B^Y + Y_0 (1-B)^Y - Y_0 B - IV = 0 \rightarrow F_0 B^Y + Y_0 B^Y - F_0 B - Y_0 B + Y_0 - IV = 0 \rightarrow Y_0 B^Y - Y_0 B + Y_0 = 0$$

$$Y_0 B^Y - Y_0 B + 1 = 0 \quad \leftarrow \div Y_0$$

$$|B - \alpha| = \frac{\sqrt{\Delta}}{|a|} = \frac{\sqrt{F_0 - 10}}{Y_0} = \frac{A^Y \sqrt{a}}{Y_0 a} = \frac{Y \sqrt{a}}{a}$$

$$x_S = -\frac{b}{Y a} = \frac{x_1 + x_2}{Y} = \frac{-a + 1}{Y} = -\frac{1}{Y} \rightarrow b = Y a$$

$$y = a x^Y + b x + c \rightarrow -\frac{1}{Y} = \frac{F a - Y b + \frac{c}{Y}}{b} \Rightarrow b = Y, a = \frac{1}{Y} \rightarrow y = \frac{1}{Y} x^Y + Y x + \frac{c}{Y}$$

$$B = \frac{1}{Y} (1)^Y + Y(1) + \frac{c}{Y} = F$$

$$x = \frac{-4 \pm \sqrt{34 - 4a}}{Y} = -\frac{2}{Y} \pm \sqrt{9 - a}$$

$$\begin{cases} \beta = -\frac{2}{Y} + \sqrt{9 - a} \\ \alpha = -\frac{2}{Y} - \sqrt{9 - a} \end{cases}$$

$$Y(-\frac{2}{Y} - \sqrt{9 - a})^Y + Y(-\frac{2}{Y} + \sqrt{9 - a})^Y = 12\sqrt{Y} + 10 \Rightarrow Y(9 + 9 - a + 4\sqrt{9 - a}) + Y(9 + 9 - a - 4\sqrt{9 - a}) = 12\sqrt{Y} + 10$$

$$2Y - 2a + 10\sqrt{9 - a} + 2Y - 2a - 10\sqrt{9 - a} = 18 - 2a + 4\sqrt{9 - a} = 12\sqrt{Y} + 10$$

$$a = 1$$

$$\sqrt{\frac{1}{\alpha}} + \sqrt{\frac{1}{\beta}} = a \xrightarrow{\text{بمربوعين}} \frac{1}{\alpha} + \frac{1}{\beta} + Y \sqrt{\frac{1}{\alpha \cdot \beta}} = Y a$$

$$\frac{\alpha + \beta}{\alpha \cdot \beta} + Y \sqrt{\frac{1}{\frac{1}{Y^2}}} = Y a \Rightarrow \frac{-\frac{b}{a}}{\frac{c}{a}} = 12 \Rightarrow 12 = m + 12 \rightarrow m = -1$$

$$-\alpha^Y + Y \alpha + Y = 0 \rightarrow P = \frac{c}{a} = -\frac{1}{Y}$$