



$$y = -ax^r + ax + r \rightarrow \frac{-b - \Delta}{a} = \frac{-a}{-1} + \frac{a}{1} + r \Rightarrow \frac{-b}{-1} = \frac{a}{-1} = \frac{1}{r}, \frac{-\Delta}{1} = \frac{a - \Delta}{1} = -1$$

$$y = rbx^r - bx - 1 \rightarrow \frac{-b}{ra} = \frac{+b}{rb} = \frac{1}{r}, \frac{-\Delta}{ra} = \frac{-b^r - nb}{ab} = \frac{-b - \Delta}{a}, \frac{-a - \Delta}{r} = \frac{b}{r} - \frac{b}{r} - 1 = -1$$

$$\begin{cases} -rb - 1r = -a + fa + rr \rightarrow -rb - ra = fa \rightarrow -r(b+r) = fa \rightarrow -rb = r^2 \rightarrow b = -1/r \\ -a - \Delta = -1 \rightarrow -a = 1 \rightarrow a = -1 \end{cases} \quad b - a = -1/r + 1 = \frac{-1 + r}{r}$$

$$r\omega(\alpha - \alpha)(\alpha - \beta) = 0 \rightarrow r\omega\alpha\alpha^r - r\omega\alpha(\alpha + \beta)\alpha + r\omega\alpha^r\beta = 0$$

$$r\omega\alpha^r\beta = \beta \Rightarrow r\omega\alpha^r = 1 \Rightarrow \alpha = \pm \frac{1}{\omega}$$

$$-r\omega\alpha^r - r\omega\alpha\beta = r \Rightarrow \alpha\beta = -\frac{1}{\omega} \rightarrow \beta > \alpha \rightarrow \alpha = -\frac{1}{\omega}, \beta = 1$$

$$y = r\omega\alpha\alpha^r + fa + \beta \Rightarrow -\omega\alpha^r + fa + 1$$

$$\begin{aligned} x_s &= \frac{-b}{ra} = \frac{-1}{1} = + \\ y_s &= \frac{-\Delta}{ra} = \frac{-(-1)}{1} = + \end{aligned} \quad \left. \begin{array}{l} \\ \\ \end{array} \right\} \text{مساوية}$$

$$x^r (a^r + b^r - r) + a + b - 1 = 0$$

$$\frac{c}{a} = \frac{a+b-1}{1} = a+b-1 = ab$$

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

$$(a+b)^r = a^r + b^r + rab$$

$$(a+b)^r = a+b + r + ra + rb - r$$

$$(a+b)^r = ra + rb + b \rightarrow (a+b)^r = r(a+b) + b$$

$$a+b = t$$

$$t^r = r t + b \rightarrow t^r - r t - b = 0$$

$$t \begin{cases} \omega \checkmark \\ -r \times \end{cases} \quad (t - \omega)(t + r) = 0$$