



$$\frac{-\Delta}{4a} = \frac{-V}{\lambda} \quad - \frac{(q-f)(a)(a)}{4a}$$

$$-q + fa^r = \frac{V}{\lambda^r} \quad \lambda a^r - 1\lambda = V\lambda$$

$\rho < 0$   $a > 0$   
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$$x^r - (a+1)x + a = 0$$

$$1 - a - 1 + a = 0$$

$$q \times f - \lambda^r \times \lambda^r$$

$$C = x^r - a \rightarrow x^r - (x^r + 1)x + a = 0$$

$$x^r - 1 - a + b = 0 \quad y = f$$

$$y = -ax^r + a + x$$

$$\frac{a}{\lambda^r} = \frac{1}{\lambda^r} y = a \left( \frac{1}{\lambda^r} \right)^r + x = \frac{a}{\lambda^r} + x$$

$$y = x^r - \lambda^r b (x^r)^r - b (x^r) - 1 = 0$$

$$\frac{a}{\lambda^r} + x = \frac{a}{\lambda^r} + x \rightarrow a = -1 - x \rightarrow a = -1 - x$$

$$x^r = -\frac{b}{\lambda^r} = \frac{1}{\lambda^r}$$

$$y^r - \lambda^r b \left( \frac{1}{\lambda^r} \right)^r - b \left( \frac{1}{\lambda^r} \right) - 1 = -\lambda^r \left( \frac{1}{\lambda^r} \right)^r + d \left( \frac{1}{\lambda^r} \right) + x^r - b - 1 = 0$$

$$b - a = (-a) - (-1 - x) = 0$$

$$\alpha + \beta = \frac{f}{\lambda^r \alpha} \rightarrow \alpha (\alpha + \beta) = -\frac{f}{\lambda^r \alpha} \Rightarrow \alpha^2 + \alpha \beta = -\frac{f}{\lambda^r \alpha}$$

$$\alpha \beta = \frac{\beta}{\lambda^r \alpha \lambda^r} = \frac{\beta}{\lambda^r}$$

$$\alpha \beta = \frac{\beta}{\lambda^r \alpha} = \beta = \alpha - \frac{1}{\lambda^r \alpha}$$

$$\alpha^2 + \alpha \beta = -\frac{f}{\lambda^r \alpha} \rightarrow \left( \frac{1}{\lambda^r} \right)^r + \frac{\beta}{\lambda^r} = -\frac{f}{\lambda^r \alpha} \Rightarrow \beta = -1, \alpha = \frac{1}{\lambda^r} \Rightarrow \beta > \alpha$$

$$\alpha^r + \alpha \beta = -\frac{f}{\lambda^r \alpha} \rightarrow \left( -\frac{1}{\lambda^r} \right)^r + \left( -\frac{\beta}{\lambda^r} \right) = -\frac{f}{\lambda^r \alpha} \Rightarrow \beta = 1, \alpha = -\frac{1}{\lambda^r}$$

$$x^r = -\frac{b}{\lambda^r} = \frac{1}{\lambda^r}$$

$$y^r = -a \left( \frac{1}{\lambda^r} \right)^r + f \left( \frac{1}{\lambda^r} \right) + 1 \rightarrow y^r = \frac{a}{\lambda^r}$$

$$a + b = -\frac{-(a^r + b^r - 1 - x^r)}{1} \rightarrow a + b = a^r + b^r - 1 - x^r \Rightarrow a + b = 1 \Rightarrow a + b = a + b = 1$$

$$\alpha a + b = ab + 1 \quad a^r + b^r = (a+b)^r - rab \Rightarrow a + b = [(a+b)^r - rab] - 1 - x^r$$

$$[ab + 1] = [(ab + 1)^r - rab] - 1 - x^r \Rightarrow s = \rho + 1 \rightarrow \rho = s - 1 \Rightarrow s = (a^r + b^r) - 1 - x^r$$

$$s = (s^r - \rho^r) - 1 - x^r \Rightarrow s = s^r - \rho^r - 1 - x^r \Rightarrow s = s^r - 1 - x^r = 0$$

$$(s - a) (s + x) = 0 \quad s = a \vee s = -x \rightarrow s = a + b \vee x \Rightarrow s = -x \vee s = a \vee x$$