

$B (V - \rho a, a - \rho)$ $S = (b, b - \rho)$ $C = \rho a m$

$A (\rho a + \rho, a - \rho)$ $C = \rho$ $C = \rho a m$

$\frac{V - \rho a + \rho a + \rho}{\rho} = a = b$ $V - \rho a > 0 \rightarrow a < \frac{V}{\rho}$
 $a - \rho > 0 \rightarrow a > \rho$
 $\rho a + \rho > 0 \rightarrow a > -1$

$y = z (a - h)^{\rho} + h$
 $z (x - a)^{\rho} + \rho \rightarrow a - \rho = z (V - \rho a - a)^{\rho} + \rho$
 $a - \rho = \rho z (1 - a)^{\rho} + \rho \rightarrow a - a = \rho z (1 - a)^{\rho} \rightarrow a = \rho$
 $-\rho = 1 - \rho z \rightarrow z = \frac{-\rho}{1 - \rho}$

$y = \frac{-1}{\rho} (x - a)^{\rho} + \rho (1 - a)$

$\alpha x^{\rho} - \alpha x - b = 0$ $\alpha + \beta = 1$ $\beta_{\rho} = 1 - \alpha$
 $\epsilon_0 \beta^{\rho} + \rho \alpha^{\rho} - \rho \beta = 1V \rightarrow \rho \beta^{\rho} + \alpha^{\rho} - \beta = \frac{1V}{\rho}$
 $\rho (1 - \alpha)^{\rho} + \alpha^{\rho} - (1 - \alpha) = \frac{1V}{\rho} \rightarrow \rho \alpha^{\rho} - \rho \alpha + 1 = \frac{1V}{\rho} \rightarrow \rho \alpha^{\rho} - \rho \alpha + 1 = 1V$
 $\rho \alpha^{\rho} - \rho \alpha + 1 = 0 \rightarrow \alpha = \frac{\rho \pm \sqrt{\rho^2 - 4\rho}}{2\rho} = \frac{a \pm \sqrt{a}}{2}$

$|\alpha - \beta| = |\alpha - 1 + \alpha| = |2\alpha - 1| = \left| 2 \left(\frac{a \pm \sqrt{a}}{2} \right) - 1 \right| = \left| \pm \sqrt{a} \right| = \frac{\sqrt{a}}{a}$

$\frac{-\Delta}{\epsilon a} = \frac{-1}{\rho}$ $(-\alpha, \beta)$ $y = a x^{\rho} + b x + c$
 $C = \frac{\rho}{\rho}$ $(1, \beta)$ $y = a x^{\rho} + b x + \frac{\rho}{\rho}$
 $\beta = \rho a - db + \frac{\rho}{\rho}$
 $\beta = a + b + \frac{\rho}{\rho}$

$\rho a - db = a + b \rightarrow \rho \epsilon a = 4b$ $b = \epsilon a$ $\beta = \frac{1}{\rho} + \rho + \frac{\rho}{\rho} = \rho$
 $\left(\frac{1}{\rho} - \rho a c \right) = \frac{1}{\rho} \rightarrow \epsilon a - c = \frac{1}{\rho} \rightarrow \epsilon a = \rho$ $a = \frac{1}{\rho}$

$\alpha^{\rho} + \rho \alpha + a = 0$ $\rho \alpha^{\rho} + \rho \beta^{\rho} = 1 \sqrt{\rho} + \rho a$
 $\alpha < \beta < 0$ $\frac{a}{\rho} (\alpha^{\rho} + \beta^{\rho}) + \frac{1}{\rho} (\alpha^{\rho} - \beta^{\rho}) = 1 \sqrt{\rho} + \rho a$
 $\frac{a}{\rho} (\rho \rho - \rho a) + \frac{1}{\rho} (-\rho) (-\sqrt{\rho \rho - \epsilon a}) = 1 \sqrt{\rho} + \rho a$
 $\rho_0 - \rho a + \rho \sqrt{\rho \rho - \epsilon a} = 1 \sqrt{\rho} + \rho a \rightarrow \rho_0 - \rho a = \rho a$
 $a = 1$

$$| \gamma \alpha' - (m+1) \alpha + 1 = 0 \quad \frac{1}{\sqrt{\alpha}} + \frac{1}{\sqrt{\beta}} = \alpha \quad \Rightarrow$$

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$$\frac{1}{\alpha} + \frac{1}{\beta} + \gamma \sqrt{\frac{1}{\alpha\beta}} = \gamma \alpha \quad \rightarrow \quad \frac{\beta + \alpha}{\alpha\beta} + \gamma \sqrt{\frac{1}{\alpha\beta}} = \gamma \alpha$$

$$\alpha\beta = \frac{1}{\gamma^2} \quad \alpha + \beta = \frac{m+1}{\gamma} \quad \rightarrow \quad \frac{\frac{m+1}{\gamma}}{\frac{1}{\gamma^2}} + \gamma \sqrt{\frac{1}{\frac{1}{\gamma^2}}} = \gamma \alpha \quad \rightarrow \quad m = -1$$

$$-\alpha^{\gamma} + \gamma \alpha + \gamma = 0$$

$$\frac{c}{a} = \frac{\gamma}{-1} = -\gamma$$