

$$\log_{\lambda}^m = m \quad \log_{\frac{1}{r}}^r = \log_{\frac{1}{r}}^r + \log_{\frac{1}{r}}^r \Rightarrow \frac{1r - r + m}{1r} = \frac{a+m}{1r}$$

$$\log_{\frac{1}{r}}^m = \frac{m}{r} \quad \log_{\frac{1}{r}}^r \Rightarrow \frac{1}{r} \log_{\frac{1}{r}}^r$$

$$\frac{\log_{\frac{1}{r}}^r + \log_{\frac{1}{r}}^a}{1 + r \log_{\frac{1}{r}}^r} = \frac{m-r}{r} \Rightarrow \log_{\frac{1}{r}}^r = \frac{m-r}{r} \Rightarrow \log_{\frac{1}{r}}^r = \frac{m-r}{1r}$$

$$(0/r)^{ra-1} = (\frac{1r\Delta}{\lambda})^{ar} \quad \log_{\lambda}^{(ra-1)\Sigma}$$

$$(\frac{1}{\Delta})^{ra-1} = ((\frac{\Delta}{r})^r)^{ar} = (\frac{1}{\Delta})^{-ra^2}$$

$$-ra^2 = ra-1 \Rightarrow ra^2 + ra - 1 \leq +\frac{1}{r} \quad -1 \neq \frac{1}{r} \quad \Rightarrow \frac{1}{r} \neq \frac{1}{r}$$

$$\log_{\frac{1}{r}}^r = a \quad \log_{\lambda}^b = \frac{r}{r} (1+a) \quad \log(rb-1) \log^{1 \cdot \lambda - 1} = \frac{r}{r}$$

$$\frac{1}{r} \log_{\frac{1}{r}}^b = \frac{r}{r} (1+a)$$

$$\log_{\frac{1}{r}}^b = r(1+a)$$

$$\log_{\frac{1}{r}}^r + \log_{\frac{1}{r}}^r$$

$$\log_{\frac{1}{r}}^b = r \log_{\frac{1}{r}}^r \Rightarrow \log_{\frac{1}{r}}^b = \log_{\frac{1}{r}}^{r^r} = b = r$$

$$-ra^2 + ba = \frac{1}{r} c = .$$

$$\frac{-b}{-ra} = \frac{b}{ra}$$

$$ra = c + b$$

$$(\frac{1}{r})^{\frac{c}{a}} = ?$$

$$\frac{1}{r^{\frac{1}{a}}} \Rightarrow (\frac{1}{r})^{\frac{1}{a}} \Rightarrow (r^{-\frac{1}{a}})^{\frac{c}{a}}$$

$$\frac{r(ca-b)}{b} = r \log_{\frac{1}{r}}^r$$

$$\frac{c}{b} + 1 = \log_{\frac{1}{r}}^r \Rightarrow \log_{\frac{1}{r}}^r = \frac{c}{b} + 1 = \frac{c}{ra-c} \Rightarrow \log_{\frac{1}{r}}^r = \frac{ra-c}{c}$$

$$(r^{-\frac{1}{a}})^{\log_{\frac{1}{r}}^r} \Rightarrow \omega^r \log_{\frac{1}{r}}^r = \frac{1}{r}$$

$$\frac{1}{r} \log_{\frac{1}{r}}^r = \frac{1}{r} \log_{\frac{1}{r}}^r = \frac{1}{r}$$

$$\frac{\omega^r}{\lambda}$$

$$\log_{\frac{1}{r}}^r = \frac{-ra}{c} + 1$$

$$\frac{ra}{c} = \log_{\frac{1}{r}}^r + \log_{\frac{1}{r}}^r$$

$$\frac{ra}{c} = \log_{\frac{1}{r}}^r$$

$$\frac{a}{c} = \frac{1}{r} \log_{\frac{1}{r}}^r$$

$$\frac{a}{c} = \log_{\frac{1}{r}}^r$$

$$\frac{c}{a} = \log_{\frac{1}{r}}^r$$

$$\frac{\lg^4 \mu}{\lg^{\omega} \mu} = \frac{\lg^r \mu + \lg^{\mu} \mu}{\lg^{\omega} \mu + \lg^{\mu} \mu} = \frac{\frac{1}{1,4} + 1}{1,0 + 1} = \frac{1\mu}{2.0} = .50 \text{ (2)}$$

$$\frac{\lg^{14}}{\lg^1} \Rightarrow \frac{\lg^{\mu}}{\lg^r} = \frac{\mu-1}{r} \quad \lg^{\mu}_r = 1 + \cancel{\lg^{\mu}_r} \rightarrow \frac{\lg^{\mu}}{r \lg^r} = 1 + \frac{1}{r} \left(\frac{\mu-1}{r} \right) = \frac{\mu+\mu}{r} \text{ (V)}$$

$$a = \frac{b+c}{r} \rightarrow b = ra - c \rightarrow \frac{1}{2x_1 + 2x_2} = \frac{1}{5} = \frac{ra}{b} = \frac{ra}{ra-c} = r \lg^r(1.0)$$

$$\rightarrow \frac{ra}{ra-c} = \lg^r \xrightarrow{\text{cross}} \frac{ra-c}{ra} = \lg^1_r \rightarrow 1 - \lg^1_r = \frac{c}{ra} \rightarrow r - \lg^1_r = \frac{c}{a} \text{ (1)}$$

$$\left(\frac{1}{\sqrt[r]{r}} \right)^{\frac{c}{a}} = \left(r^{-\frac{1}{r}} \right)^{\frac{c}{a}} = \left(r^{\frac{c}{a}} \right)^{-\frac{1}{r}} \xrightarrow{(1)} \left(r^{r - \lg^1_r} \right)^{-\frac{1}{r}}$$

$$\left(\frac{r^r}{r \lg^1_r} \right)^{-\frac{1}{r}} = \left(\frac{r}{1.0} \right)^{-\frac{1}{r}} = (ra)^{\frac{1}{r}} = \sqrt[r]{a}$$