

برای معنی

-V

$$\Delta^2 = \mu(2\mu - 2) \rightarrow \mu^2 \epsilon \mu = \mu^{2\mu - 2} \rightarrow \epsilon \mu = 2\mu - 2 \rightarrow 2\mu - \epsilon \mu - 2 = 0$$

$$\Delta = 14 - \epsilon(1)(-2) = 14 + 2 = 16$$

$$\mu = \frac{2 \pm \sqrt{16}}{2} = \frac{2 \pm 4}{2} = \frac{2 \pm 2}{1}$$

$\left. \begin{array}{l} \rightarrow 2+2 \\ \rightarrow 2-2 \end{array} \right\}$
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$$\log_{\mu} \mu - 2 = \log_{\mu} \frac{2+2}{2} - 2 = \log_{\mu} \frac{4}{2} - 2 = \log_{\mu} 2 - 2 = \frac{1}{2} \log_{\mu} 4 = \frac{1}{2}$$

-A

$$\log_{\mu} \mu = \frac{a}{\lambda}$$

$$\log_{\mu} \hat{\mu} = \frac{\log_{\mu} \mu}{\log_{\mu} \mu}$$

$$\log_{\mu} \hat{\mu} = \log_{\mu} \mu^{\lambda} = \lambda \log_{\mu} \mu = \lambda \times \frac{a}{\lambda}$$

$$\log_{\mu} \hat{\mu} = \log_{\mu} \mu^{a \times \lambda} = \log_{\mu} \mu^{a \times \lambda} = \log_{\mu} \mu^a + \log_{\mu} \mu^{\lambda} = a \log_{\mu} \mu + \lambda \log_{\mu} \mu = a + \lambda \times \frac{a}{\lambda}$$

$$\frac{14}{\lambda} + \frac{a}{\lambda} = \frac{\lambda + a}{\lambda}$$

$$\frac{\log_{\mu} \hat{\mu}}{\log_{\mu} \mu} = \frac{\lambda + a}{\lambda} = \frac{\lambda + a}{\lambda} = \frac{\lambda + a}{\lambda} = \frac{a}{\lambda}$$

-9

$$\log_{\mu} \mu = 0.1 \lambda$$

$$\log_{\mu} \hat{\mu} = \frac{\log_{\mu} \mu^4}{\log_{\mu} \mu^{\lambda}} = \frac{\log_{\mu} \mu^{4\lambda}}{\log_{\mu} \mu^{4\lambda}} = \frac{\log_{\mu} \mu + \log_{\mu} \mu}{\log_{\mu} \mu + \log_{\mu} \mu} = \frac{0.1 \lambda + 0.1 \lambda}{0.1 \lambda + 1} = \frac{0.2 \lambda}{0.1 \lambda + 1} = \frac{1}{\lambda}$$

$$(a \log r) r^r + a r + b \log r = 0$$

$$r = -1 \rightarrow (a \log r) (-1)^r + a(-1) + b \log r = 0 \rightarrow$$

$$a \log r - a + b \log r = 0 \rightarrow a(\log r - 1) + b \log r = 0$$

$$\log r - 1 = -\overbrace{(1 - \log r)}^{\log a} = -\log a$$

$$\boxed{\log a = \log \frac{1}{r} = \log 1 - \log r = 1 - \log r}$$

$$a(-\log a) + b \log r = 0 \rightarrow -a(\log a) + b(\log r) = 0 \rightarrow$$

$$b(\log r) = a(\log a) \rightarrow \frac{b}{a} = \frac{\log \frac{1}{r}}{\log r} = \log r$$

$$\sqrt{r} \frac{b}{a} = \sqrt{r} \log r = a \log \sqrt{r} = a \frac{1}{r} = \boxed{\sqrt{a}}$$

$$\log \sqrt{r} = \log r^{\frac{1}{2}} = \frac{1}{2} \log r \rightarrow \frac{1}{2} = \frac{1}{r}$$