

$m < 1 \rightarrow 1 < m^{A+B}$

$A+B < 0$

①

$m < m \rightarrow 1 < m^{A+B}$

$m^{A+B} < 1$

②

$m^A < 1 \rightarrow A < 0$

مثلاً $m^{-1} = \frac{1}{m}$

$B < -1$

$\log_p (t^m + 10) < m + k$

$t^m + 10 = p^{m+k}$

②

$p^m - p^{m+k} + 10 = 0$

③

$(p^m)^2 - 10 \times p^m + 10 = 0 \rightarrow p^m = t$

$\log_p^k + \log_p^0 = \log_p^{10}$

$t^2 - 10t + 10 = 0 \rightarrow (t-3)(t-7) = 0$

$t = 3 \rightarrow p^m = 3 \quad m = \log_p^3$

$t = 7 \rightarrow p^m = 7 \quad m = \log_p^7$

$(\log_{p_1}^k)^r + (\log_{p_1}^v + \log_{p_1}^r) (\log_{p_1}^k + r \log_{p_1}^r) = \log_{p_1}^v$

$(\log_{p_1}^k)^r + (r - \log_{p_1}^k) (r + \log_{p_1}^k) = \cancel{(\log_{p_1}^k)^r} + r - \cancel{(\log_{p_1}^k)^r} = r$

$\log (1-m)^r + m \log (1-m) = 0$

$\log_p^q = r$

⑤

$\partial \log (1-m) = 0$

$\log (1-m) = 1 \quad (1-m) = 10 \quad m = -9$

$\log_p^{m^r + km + k} + \log_p^{m-r} = \log_p^{m^r - 1}$

⑥

$m^r - 1 < 1 \rightarrow m^r < 2 \rightarrow m < \sqrt[r]{2}$

$$\log^{r-m} - \log^{(r-m)^{-1}} \leq \mu \Rightarrow \mu \log^{r-m} \leq \mu \log^{r-m} \leq 1 \quad (4)$$

$$r-m \leq 1, \quad m \leq -1 \quad \log_{\sqrt{\mu}}^{\wedge} \leq \frac{\mu}{\frac{1}{\mu}} \leq 4 \quad (5)$$

$$\mu^{m-r} \leq \mu^m \quad (6)$$

$$m-r \leq m-r \leq 0 \rightarrow (m-r)^2 \leq 4 \Rightarrow m-r \leq \sqrt{4} \Rightarrow m = r + \sqrt{4}$$

$$m-r \leq -\sqrt{4} \Rightarrow m \leq r - \sqrt{4} \quad \text{GUE}$$

$$\log_{\mu}^{r+\sqrt{4}-r} \leq \log_{\mu}^{\sqrt{4}} \leq \frac{1}{\mu} \quad (7)$$

$$\log_{\mu}^{\wedge} = \frac{\log_{\mu}^{\wedge}}{\log_{\mu}^{\wedge}} = \frac{\mu}{\log_{\mu}^{\wedge} + \log_{\mu}^{\wedge}} = \frac{\mu}{1 + \mu \log_{\mu}^{\wedge}} = \frac{\mu}{1 + \mu \left(\frac{\wedge}{\delta}\right)}$$

$\frac{\delta}{\wedge}$ (مقلوب)

$$\frac{\mu}{\frac{\mu}{\delta}} \Rightarrow \mu \times \frac{\delta}{\mu} \Rightarrow \frac{\delta}{\mu}$$

$$\log_{\mu}^{\wedge} = \frac{\log_{\mu}^{\wedge}}{\log_{\mu}^{\wedge}} = \frac{\log_{\mu}^{\wedge} + 1}{\log_{\mu}^{\wedge} + \mu} = \frac{1/\mu + 1}{1/\mu + \mu} \Rightarrow \frac{1}{\mu} \log_{\mu}^{\wedge} = \frac{\wedge}{1}$$

$$\log_{\mu}^{\wedge} = 1/\mu \quad (8)$$

$$\frac{1/\mu}{1/\mu} \Rightarrow \frac{1/\mu}{1/\mu}$$

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$$n = -1 \rightarrow a \log_r y - a + b \log_r y = 0 \rightarrow \log_r y (ay - a + by) = 0 \quad (1.)$$

$$G : a \rightarrow y = 1 + \frac{b}{a} y = 0 \rightarrow y = \frac{b}{a} y = 1 \rightarrow 1 - \frac{b}{a} = \frac{1}{\log_r y}$$

$$1 - \frac{b}{a} = \log_r 1 \rightarrow 1 - \frac{b}{a} = 1 + \log_r 0 \rightarrow \frac{b}{a} = -\log_r 0$$

1, \sqrt{a}

$$\sqrt{r}^{-\log_r 0} = 0^{-\frac{1}{r}} \quad \sqrt{0} \quad \sqrt{\frac{1}{0}}$$

$$(ay^r) - a + by^r = 0 \rightarrow a(1 - y^r) = by^r$$

$$\rightarrow ay^a = by^r \rightarrow \frac{b}{a} = y^{\frac{a}{r}} \rightarrow (\sqrt{r})^{y^{\frac{a}{r}}} = \sqrt{a}$$