

B

لا دنا ف خانوادتي : نهر اسادات حشره بالفنا مشد به تلف ۲۴ لاس از کا خنتر

$$y \in \mathbb{R}^2 \begin{cases} x=1 \rightarrow y=1 \\ x=3 \rightarrow y=9 \end{cases} \rightarrow L(x) = \mu Ax + B \begin{cases} 1 = \mu A + B \\ 9 = \mu^3 A + B \end{cases} \quad (1)$$

$$\begin{cases} \mu A + B = 1 \\ -A + B = 0 \\ \mu A = 1 \\ A = 1 \\ B = -1 \end{cases} \rightarrow L(x) = \mu^{x-1} \rightarrow x=0 \rightarrow L(0) = \frac{1}{\mu} \quad \left[\frac{1}{\mu} \right]$$

$$\begin{aligned} \mu^x \times \mu^y &= (\mu^x)^y + 1 \Rightarrow \mu^x = t \rightarrow \wedge t = t^y + 1 \Rightarrow (t-\mu)(t-\mu) = 0 \\ \mu^x = \mu &\rightarrow g_{\mu}^{\mu} = x \\ \mu^x = \mu &\rightarrow g_{\mu}^{\mu} = x \end{aligned} \rightarrow g_{\mu}^{\mu} + g_{\mu}^{\mu} = g_{\mu}^{\mu} \approx \mu$$

$$\begin{aligned} & (g_{\mu}^{\mu})^r + (g_{\mu}^{\mu} + g_{\mu}^{\mu} - g_{\mu}^{\mu})(g_{\mu}^{\mu} + g_{\mu}^{\mu} + g_{\mu}^{\mu}) \\ &= (g_{\mu}^{\mu})^r + (2 - g_{\mu}^{\mu})(r + g_{\mu}^{\mu}) = (g_{\mu}^{\mu})^r + r - (g_{\mu}^{\mu})^r \\ &= r \end{aligned}$$

$$\begin{aligned} g_{\mu}^{(1-x)^r} + \mu g_{\mu}^{(1-x)} &= \mu \rightarrow \mu g_{\mu}^{(1-x)} = \mu \rightarrow g_{\mu}^{(1-x)} = 1 \\ 1-x &= 1 \Rightarrow x=0 \rightarrow g_{\mu}^{(-0)} = r \end{aligned}$$

$$\begin{aligned} (x^r + rx + r)(x-1) &\rightarrow x^r - rx^r + rx^r - rx + rx - 1 = 1 \\ x^r = 14 &\rightarrow x = \sqrt[r]{14} \\ g_{\mu}^{r \sqrt[r]{\mu}} &= r \end{aligned}$$

$$g \frac{(r-x)(x-r)^r}{1} = -10^r \Rightarrow (r-x)^r = 10^r \quad (8)$$

$$r-x=10 \Rightarrow \underline{x=r-10}$$

$$g \frac{1}{\sqrt{r}} = r \times r^r g^r = 4 \quad (9)$$

$$\frac{r^r x^r}{r^r} = r^r x^r \rightarrow r^r x^r = r^r \times r^r \rightarrow x^r = r \times r + r \rightarrow x^r - 6r - r = 0 \quad (10)$$

$$x = \frac{r \pm \sqrt{r^2}}{r} \rightarrow r + \sqrt{r} = x \rightarrow g \frac{r + \sqrt{r} - r}{r} = \frac{1}{r} \quad (11)$$

$$g \frac{1}{1\lambda} \rightarrow \frac{g_{\mu}^{r\mu}}{g_{\mu}^{r\mu} + g_{\mu}^{\mu}} = \frac{\mu \times \frac{\delta}{\lambda}}{r + \frac{\delta}{\lambda}} = \frac{\frac{10}{\lambda}}{\frac{r\lambda + \delta}{\lambda}} = \frac{10}{r\lambda + \delta} = \frac{10}{r\lambda} = \frac{\delta}{r} \quad (12)$$

$$g \frac{1}{1r} \rightarrow \frac{g_{\kappa}^r + g_{\kappa}^r}{g_{\kappa}^r + g_{\kappa}^r} = \frac{r\lambda + \delta}{r\lambda + \delta} = \frac{1, r}{1, \lambda} = \frac{r}{\lambda} \quad (13)$$

$$x=1 \rightarrow a g^r + b g^r - a = 0 \rightarrow (a+b) g^r = a \quad (14)$$

$$10^a = r^a \times r^b \rightarrow r^b = a \rightarrow r^{\frac{b}{a}} = a \Rightarrow (\sqrt[r]{r})^{\frac{b}{a}} = r^{\frac{b}{a} \times \frac{1}{r}}$$

$$\underline{\underline{\sqrt{a} = a^{\frac{1}{r}}}}$$