

31.4

$$A = x^{\left(\frac{\log(\log x)}{\log x}\right)}, \quad \log x = \alpha$$

$$\Rightarrow \log A = \log x^{\left(\frac{\log(\log x)}{\log x}\right)} \Rightarrow \log A = \frac{\log(\log x)}{\log x} \cdot \log x \Rightarrow$$

$$\log A = \log(\log x) \Rightarrow A = \log x \Rightarrow A = \alpha$$