

سایه با ن

$$\begin{aligned} x \geq n &\rightarrow \gamma n - 1 - n + 1 \geq 0 \Rightarrow n \geq 0 \rightarrow [\omega, +\infty) \\ x \leq n &\rightarrow \gamma n + 1 - n + 1 \geq 0 \Rightarrow n \leq 0 \rightarrow (-\infty, \gamma] \end{aligned} \rightarrow D_y \in [-\frac{\gamma}{\gamma}, +\infty)$$

$$\frac{\gamma(1x^{\gamma} + 1x^{\gamma} + \gamma n + 1)}{(1x^{\gamma} + \gamma n + 1)^{\gamma}} = \frac{\gamma(1x^{\gamma} + 1)^{\gamma}}{(1x^{\gamma} + 1)^{\gamma}} = \frac{\gamma}{1x^{\gamma} + 1}$$

$$\gamma n^{\gamma} + \gamma n + 1 \neq 0 \quad (1x^{\gamma} + 1)^{\gamma} \neq 0 \Rightarrow n \neq -\frac{1}{\gamma} \quad D_y \in \mathbb{R} - \{-\frac{1}{\gamma}\}$$

$$\frac{n^{\gamma} + \gamma n^{\gamma} - n - \gamma}{n^{\gamma} - 1} = \frac{(n-1)(n^{\gamma} + \gamma n + \gamma)}{(n-1)(n+1)} \Rightarrow n + \gamma \Rightarrow n + \gamma = n + (\Rightarrow \boxed{C \gamma}$$

$$\begin{aligned} \gamma &= \frac{a-\gamma}{1+b} \Rightarrow \begin{cases} \gamma + \gamma b = a + \gamma \\ 1 \leq \frac{a+\gamma}{-1+b} \Rightarrow \begin{cases} -1 + b \leq -a + \gamma \end{cases} \end{cases} \end{aligned}$$

$$g(n) = \frac{(n-1)(n+1)}{(2-1)(n-1)} \rightarrow (n-1)^{\gamma} \cdot n^{\gamma} - \gamma n + 1 \Rightarrow a = -\gamma, b = 1$$

$$a \neq b \neq c \Rightarrow -\gamma \neq 1 \neq 1 \Rightarrow \boxed{\gamma \neq 1}$$

$$\begin{aligned} F(n+1) &\leq (n+1-\gamma)^{\gamma} (n+1-1) \leq (n^{\gamma} + \gamma n + \gamma n) \\ F(n-1) &\leq (1-n-\gamma)^{\gamma} (1-n-1) \leq (n^{\gamma} + \gamma n + \gamma n) \end{aligned} \rightarrow \boxed{-1n^{\gamma}}$$

$$\begin{aligned} 1 - \gamma n \leq -1 \Rightarrow n \geq 1 \Rightarrow \sqrt{\gamma} \leq \gamma \\ 1 - \gamma n \leq \gamma \Rightarrow n \leq -1 \Rightarrow \sqrt{-1} \neq \gamma \end{aligned} \rightarrow \boxed{\gamma + 1 \leq \gamma}$$

$$\left. \begin{aligned} & f(n-1) \leq (n-1)^u + (n-1) \\ & f(1-n) \leq (1-n)^u + (1-n) \leq -(n-1) - (n-1) \end{aligned} \right\} f(n-1) + f(1-n) \leq (n-1)^u + (n-1) - (n-1) - (n-1) \quad \text{Q.E.D.}$$

$$YF_g = \{C, K\} \rightarrow \{13, 21\}$$

$$p_j \leq f_n - m_j \geq 0 \Rightarrow n \leq \frac{m_j}{f} \quad p_j \leq b - f n \geq 0 \Rightarrow n \leq \frac{b}{f} \Rightarrow \frac{m_j}{f} \leq \frac{b}{f} \leq 1 \left\{ \begin{array}{l} b \leq f \\ a \leq \frac{f}{p} \end{array} \right.$$

$D \in [-1, 1]$ $F(x) + g(x) = (\sqrt{1-x} + x)(\sqrt{1-x+y})$
 $x \geq -1$ $1-x \geq 0$ $\Rightarrow x \leq 1$ $\frac{[-1, 1]}{m \leq x \leq 1}$

$$f(n)g(n) \leq 4\sqrt{r} \Rightarrow \sqrt{r+x} + 1 - \sqrt{r+y} \leq 4\sqrt{r} \Rightarrow r+1 - \sqrt{r} \leq 4\sqrt{r} \Rightarrow 1 + \sqrt{r} - y$$

$$m \neq n \Rightarrow V + \lambda \sqrt{r} - \mu \sqrt{\lambda \sqrt{r} - \mu}$$