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$$\frac{y_{n-1}}{n(n-1)} \leq 0 \Rightarrow Df = (-\infty, 0) \cup \left[\frac{1}{3}, 1\right)$$

$$\Rightarrow \frac{-\frac{1}{2} \frac{2}{x}}{+ \phi - \phi +} \Rightarrow D_f = (-\infty, -1] \cup [\frac{2}{x}, +\infty)$$

$$\Rightarrow D_{f \circ u} \geq 1$$

$(n-1)(n+1) \Rightarrow \frac{-1}{n+1}$ $\Rightarrow D = (-\infty, -1) \cup (1, \infty)$

$$Df \xrightarrow{n} (-\infty, -1) \cup (1, +\infty)$$

$$x^T \geq -y^T u - z^T y \Rightarrow x^T - z^T u - y^T$$

$$-r = \frac{z}{-r} \leftarrow \frac{1}{(n-z)(n+r)} \rightarrow \frac{-r}{-r} = \frac{r}{r}$$

$$\hookrightarrow a+b = \frac{4}{r} - \frac{1}{r} = \frac{3}{r} = 1$$

$$g(n) = \sqrt{f(n) - n} \Rightarrow f(n) \geq n$$

$$2) [-3, +\infty)$$

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$$f(u) = \sqrt{u} - \varepsilon u \Rightarrow u(\sqrt{u} - \varepsilon) = \left(\frac{\sqrt{u}}{\varepsilon} + 1\right) \underbrace{(\sqrt{u} - \varepsilon)}_{\sqrt{u} - \varepsilon} \Rightarrow \frac{u}{\varepsilon} + \sqrt{u} - \sqrt{u} - \varepsilon = \frac{u}{\varepsilon} - \varepsilon = \frac{1}{\varepsilon}$$

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$$\Rightarrow a = \mathbb{R} - \{1\}$$

$$n^r - \varepsilon n = -\varepsilon \Rightarrow n^r - \varepsilon n + \varepsilon = 0$$

$$(n - \varepsilon)^r = 0$$

$$\downarrow$$

$$n = \varepsilon$$

$$\Rightarrow g(n) = r \rightarrow (r = n^r - 1)$$

$$a \quad 2n^r \geq n = \pm \sqrt{a}$$

$$f(x+r) = x^r - 2x + 4$$

$$f(-p) = \sqrt{2+p} = -p \quad \Rightarrow \quad (-4) - a(-4) + 4 = 16 + 16 + 4 = \sqrt{4}$$

$$\gamma \times V\gamma = f(-\psi) \times f(\varepsilon) = 1 \otimes \varepsilon$$

$$\frac{1}{1 + \cos^2 \alpha + \sin^2 \alpha} = \tan^2 \alpha$$

$$2) \quad \sum (\cos^2 n + \omega \cos n) = 1, 0$$

$$\sum (\cos^n x + a \cos x - \frac{1}{a}) \geq 0$$

$$\Rightarrow \cos_n^p + p_0 \cos n - 1 \varepsilon = 0$$

$$(\cos n + v)(\cos n - v)$$

$$\frac{V}{x}$$

$$\rightarrow \tan\left(\frac{\pi}{4}\right) = (\sqrt{\mu}) = \mu$$