

کوثر عابدی

$$D_f \approx (-2, 2)$$

$$P_f \subset R - \{PK\pi\}$$

$$\Rightarrow \{k\pi - \frac{\pi}{2}\}$$

⑦ $\cos \neq 0 \Rightarrow \left\{ K\pi + \frac{\pi}{2} \right\}$

$$D_f = \mathbb{R} - \left\{ k\pi - \frac{\pi}{\Sigma}, k\pi + \frac{\pi}{\rho} \right\}$$

∴ $\cos \theta - 1 \neq 0 \Rightarrow \cos \theta \neq 1$

$$\Rightarrow \left\{ K\pi + \frac{\pi}{2} \right\}$$

④ $\sin \alpha \neq 0 \Rightarrow \{k\pi\}$

$$D_f \subset \mathbb{R} - \left\{ k\pi + \frac{\pi}{2}, k\pi \right\}$$

(الف) $-1 \leq x^2 - 2 \leq 1 \Rightarrow \sqrt{x^2 - 2} \leq 1$

$\begin{cases} \sqrt{x^2 - 2} \leq 1 \rightarrow x \geq 1 \\ x^2 \leq 4 \Rightarrow -2 \leq x \leq 2 \end{cases}$ (3)

$$D_f \subset [-\sqrt{w}, -1] \cup [1, \sqrt{w}]$$

⇒ ① $n \geq 0$

⑦ $-1 \leq \sqrt{n} - w \leq 1 \Leftrightarrow \sqrt{n} \leq \{z\} \leq \sqrt{n} + 1$

$$D_f \approx [K, 1/4]$$

(٤) $-1 \leq |n| - 3 \leq 1 \Rightarrow 2 \leq |n| \leq 4$ (الف)

$$\{ |m| \leq 2 \Rightarrow -2 \leq x \leq 2$$

$$|n| \geq 2 \Rightarrow \begin{cases} n \geq 2 \\ n \leq -2 \end{cases}$$

$$D_f \approx [-4, -1] \cup [1, 4]$$

$$\vdash) - (5a^4 + 4a^2 p + 1) \leq p$$

$$\begin{cases} x^r + y^r \leq \dots \Rightarrow (x+r)(y+r) \leq \dots \Rightarrow \begin{cases} x = -1 \\ y = -1 \end{cases} \quad \textcircled{1} \\ x^r + y^r \geq \dots \Rightarrow (x+r)(y+r) \geq \dots \Rightarrow \begin{cases} x = -1 \\ y = -1 \end{cases} \quad \textcircled{2} \end{cases}$$

①

②

$[-\kappa_9.]$

$$(-\infty, -2] \cup [-1, +\infty)$$

$$D_f = [-3, -2] \cup [-1, 0]$$

الف)
$$\begin{cases} \alpha - x > .2 \Rightarrow \boxed{x < .8} \\ x - y > .7 \Rightarrow \boxed{x > .7} \\ x - y \neq t \Rightarrow \boxed{x \neq t} \end{cases}$$

$$\rho_f \approx (\nu, \omega) = \{f\}$$

c) $\begin{cases} n^y - 1 > 0 \Rightarrow n^y > 1 \Rightarrow \boxed{n > 1} \text{ , } \boxed{n < -1} \\ n + w > 0 \Rightarrow \boxed{n > -w} \\ n + w \neq 1 \Rightarrow \boxed{n \neq -r} \end{cases}$

$$D_f^2[-\infty, -1] \cup [1, +\infty) = \{-1\}$$

الف) $\frac{n^2 - 5n + 4}{n - 4} > 2 \Rightarrow (n-4)(n-1) > 2(n-4)$

$$\begin{array}{r} 1 \text{ } 3 \\ \hline - 1 \text{ } 4 \text{ } 5 + \end{array}$$

$$D_f \subset (1, +\infty) - \{u\}$$

$\frac{n+y}{n-y} > 0 \Rightarrow (n-y)(n+y) > 0$

$n+y > 0 \Rightarrow n > -y$

$(-y, +\infty)$

$n+y \neq 1 \Rightarrow n \neq -\frac{1}{2}$

$$\textcircled{1} \textcircled{1} \textcircled{1} \textcircled{1} \Rightarrow \rho_f^2(-\Delta, -\Psi) \cup (V, +\infty) = \{-\Psi\}$$

(الف) $\begin{cases} \log_2(n-2) \leq 4 \Rightarrow n-2 \leq 16 \Rightarrow n \leq 18 \\ n-2 > 0 \Rightarrow n > 2 \end{cases}$

$$D_f \in (2, 1.7]$$

ب) $\begin{cases} v \log w - 1 > 0 \Rightarrow \log w > \frac{1}{v} \Rightarrow w > \sqrt[v]{v} \\ w > 0 \end{cases}$

$$D_f \approx (\sqrt{f_c} \rightarrow +\infty)$$

الف) $\Sigma^n \neq 1$ $\Sigma^n \neq -1$ ✓ $D_f \subset \mathbb{R}$
 ب) $\Sigma^n \neq 1$ $\Sigma^n \neq 1$ $\Sigma^n \neq 1$ $D_f \subset \mathbb{R} - \{1\}$
 ج) $\Sigma^n \neq 1$ $\Sigma^n \neq 1$ $\Sigma^n \neq 1$ $D_f \subset \mathbb{R} - \{1\}$
 د) $\Sigma^n \neq 1$ $\Sigma^n \neq 1$ $\Sigma^n \neq 1$ $D_f \subset \mathbb{R} - \{1\}$

(الف) $\{n \in W \Rightarrow n \in \frac{W-1}{2}\}$

$$D_f = \{n \mid n = \frac{k-1}{3}, k \in \omega\}$$

$$\begin{aligned} \text{2) } \frac{v_n - v}{v_n - v} &\in W \Rightarrow v_n - v \lambda \in v - \lambda n \Rightarrow n(v - v) \in v - \lambda n \\ &\Rightarrow n \in \frac{v - \lambda n}{v - v} \end{aligned}$$

$$D_f = \{n | n = \frac{\Delta K - r}{\mu_k - r}, \forall K \in W\}$$