

$$D_{\mathcal{L}} = IR - \left\{ PKR + \frac{rR}{r}, PKR - \frac{rR}{r} \right\}$$

$\tan = -1$
 $\cos = 0$
 $D(f) = 1$
 $\cos = 0$
 $\tan = -1$

$$D(p) = \mathbb{R} - \left\{ k\pi - \frac{\pi}{\kappa}, k\pi + \frac{\pi}{\kappa} \right\}$$

$$D(f) = \mathbb{R} - \left\{ k\pi, k\pi + \frac{\pi}{f} \right\}$$

$$-1 \leq x^2 - 1 \leq 1 \xrightarrow{+1} 0 \leq x^2 \leq 2 \Rightarrow \left. \begin{array}{l} -1 \leq x \leq \sqrt{2} \\ -\sqrt{2} \leq x \leq 1 \end{array} \right\} \Rightarrow D_{(f)} = [-1, \sqrt{2}] \cup [-\sqrt{2}, 1]$$

$$-1 \leq \sqrt{x} \leq 1 \xrightarrow{+1} 0 \leq \sqrt{x} \leq 1 \Rightarrow 0 \leq x \leq 1 \Rightarrow D(f) = [0, 1]$$

$$-1 \leq |x| - r \leq 1 \xrightarrow{+r} r \leq |x| \leq r \Rightarrow \left. \begin{array}{l} r \leq x \leq r \\ -r \leq x \leq -r \end{array} \right\} \Rightarrow D(f) = [r, r] \cup [-r, -r]$$

$$-1 \leq x^{r+1}x+1 \leq 1 \xrightarrow{+1} 0 \leq x^{r+1}x+1 \leq 1$$

[illegible]

$$x \vdash f > 0 \Rightarrow x \vdash f \Rightarrow r \leq x \cup x \leq -r \Rightarrow D_{CF} = (-\infty, -r) \cup (r, +\infty)$$

$$r - |x| > 0 \Rightarrow |x| < r \Rightarrow -r < x < r \Rightarrow D(f) = (-r, r)$$

