

$$\#(m) \rightarrow \mathcal{O}_\# = [-r, r] \rightarrow \#(m) = \#(t) \xrightarrow{\quad} -r \leq t \leq r$$

$$f\left(\frac{y_{n+1}}{\omega}\right) \xrightarrow{df = ?} \frac{y_{n+1}}{\omega} = z \rightarrow -\frac{y}{\omega} \leq \frac{y_{n+1}}{\omega} \leq \frac{y}{\omega} \rightarrow -b \leq y_{n+1} \leq y_0$$

$$-12 \leq 3x \leq 12 \longrightarrow -4 \leq x \leq 4 \quad \text{Domain} = [-4, 4]$$

$$\mathbb{P}(r_m - \gamma) \rightarrow \mathbb{D} = [-\gamma, \gamma] \xrightarrow{-\gamma \leq x \leq \gamma} -\gamma - \gamma \leq r_m - \gamma \leq \gamma - \gamma$$

$$D_{f(m)} = ?$$

$$\hookrightarrow f(n) = f(t) \rightarrow \mathcal{O}_{f(n)} = [-1, v]$$

$$-1 \leq t \leq 1$$

$$f\left(\frac{x+1}{y}\right) \rightarrow D = [-1, x] \rightarrow \text{ind} = x \quad \frac{x+1}{y} = t \quad \frac{-x+1}{y} \leq \frac{x+1}{y} < \frac{x+1}{y}$$

$$f(r - \delta n) \rightarrow \text{if } r - \omega n = t < \omega$$

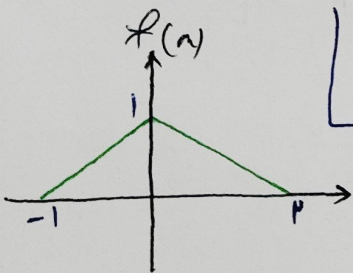
$$-r \leq -\omega x < r$$

$$-1 \leq t < \infty$$

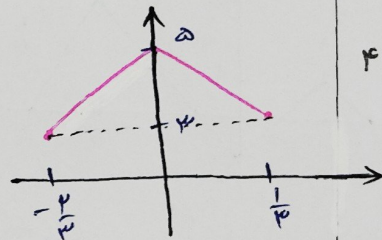
$$V_D = \left(-\frac{4}{\omega}, \frac{4}{\omega}\right]$$

$$1 \rightarrow +\frac{\pi}{2} \geq x \geq -\frac{\pi}{2}$$

$$y = \varphi(\varphi x + 1) + \varphi \longrightarrow \begin{cases} \varphi = [-1, \varphi] \\ -1 \leq \varphi x + 1 \leq \varphi \longrightarrow -\frac{\varphi}{\varphi} \leq x \leq \frac{1}{\varphi} \end{cases}$$



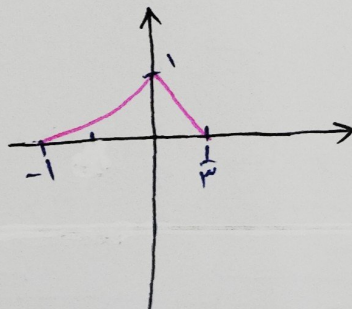
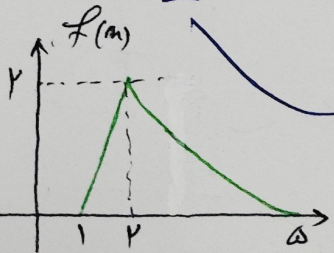
$$\begin{cases} R_F = [0, 1] \\ R'_F = [0 + r, r + r] = [r, \omega] \end{cases}$$



$$y = \frac{1}{r} f(r - r_m) \longrightarrow \begin{cases} D_f = [1, \infty] \end{cases}$$

$$D_{\varphi'} = 1, 1/2 - \mu_n \leq \omega \rightarrow -1 \leq -\mu_n \leq \mu \rightarrow 1/\mu \geq \mu \geq -1$$

$$\begin{cases} R_F = [0, 1] \\ R'_F = [0, 1] \end{cases}$$



$$\frac{1}{x} \rightarrow \frac{1}{y} \quad y = x^2$$

