

$$-2 < \frac{3x+2}{5} < 4 \rightarrow -4 < x < 4 \rightarrow D_f = [-4, 4]$$

$$R(3x-2) = D_f = [-4, 4]$$

$$\hookrightarrow x \in [-2, 2]$$

$$R\left(\frac{3x+1}{2}\right) = D_f = [-1, 5]$$

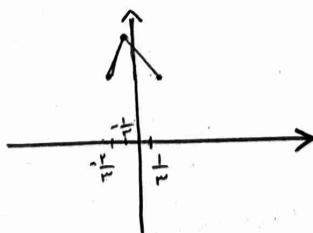
$$-1 < 2-5x < 5 \rightarrow \frac{3}{5} \geq x \geq -\frac{3}{5}$$

$$\hookrightarrow D_f' = \left(-\frac{3}{5}, \frac{3}{5}\right]$$

$$(-1, 0) \rightarrow \left(-\frac{2}{3}, 3\right)$$

$$(0, 1) \rightarrow \left(-\frac{1}{3}, 5\right)$$

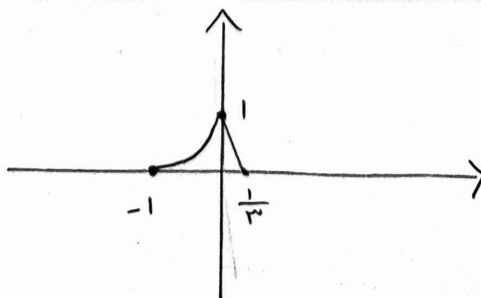
$$(2, 0) \rightarrow \left(\frac{1}{3}, 3\right)$$



$$(1, 0) \rightarrow \left(\frac{1}{3}, 0\right)$$

$$(2, 2) \rightarrow (0, 1)$$

$$(5, 0) \rightarrow (-1, 0)$$



برای اینکه رأس سهم به سمت (۳، ۱) انتقال $\rightarrow f(x) = -\frac{1}{3}x^2 + \frac{2}{3}x + 1 = -\frac{1}{3}\left(x - \frac{2}{3}\right)^2 + \frac{28}{27}$
 کند باید $\frac{17}{27}$ به راست و $\frac{47}{27}$ به بالا بردیم

$$y' = f\left(x - \frac{1V}{c}\right) + \frac{rV}{r_0} \rightarrow f\left(x - \frac{1V}{c}\right) + \frac{rV}{r_0} = 0 \rightarrow f\left(x - \frac{1V}{c}\right) = -\frac{rV}{r_0}$$

$$\rightarrow f(\omega) = -\frac{K_V}{\omega_0} \rightarrow x = \frac{1A}{\omega}, -\frac{1V}{\omega} \rightarrow x - \frac{1V}{\omega} = \frac{1A}{\omega}, x - \frac{1V}{\omega} = -\frac{1V}{\omega} \rightarrow \boxed{x = 1, V}$$

$$\left. \begin{aligned} S_f \Big|_r &\rightarrow x_{S'} \rightarrow rx + v = 1 \rightarrow x_{S'} = 1 - \frac{1}{r} \\ &\hookrightarrow y_{S'} = 1 - r(v) = -v \end{aligned} \right\} S' \Big|_{\substack{-\frac{1}{r} = \alpha \\ -v = \beta}}$$

$$\rightarrow \alpha B = \frac{V}{\omega}$$

$$\left. \begin{array}{l} D_{f'} = (a+1, r+1) \\ D_{g'} = [-1-1, b-1] \end{array} \right\} \underline{D_{f'} \cap D_{g'} = (-r, \omega)} \rightarrow b-1 = \omega \rightarrow b=4, a+1 = -r \rightarrow a = -r$$

$$\rightarrow a \cdot b = -w - 4 = -9$$

$$R_{\left(\frac{n}{r}+1\right)} = D_{f(n)} = \left[-\frac{1}{r}, \frac{v}{r}\right]$$

$$y_r = \sqrt{|2f(m-r)|} \rightarrow \text{هنا، مثبت} \rightarrow D_{y_r} e[-\frac{1}{r}, \frac{r}{r}]$$

$$R_{f(\frac{n}{2}+1)} = R_{f(n)} = [-1, 1] \rightarrow rf - r \in [-2, 1] \rightarrow R_{y_r} = \sqrt{|[-2, 1]|} = [0, \sqrt{2}]$$

$$f(n) = \left| \frac{n+1}{r_{n+1}} \right| \xrightarrow{-1, 1/2, r} f(n-r) = \left| \frac{n-1}{r_{n-r}} \right| \xrightarrow{0, 1/2, 1} f(n-r)+1 = \left| \frac{n-1}{r_{n-r}} \right| + 1 = g(n)$$

$$x + g(n) < 0 \rightarrow x+1 + \left| \frac{x-1}{x_n - x} \right| < 0.$$

$$\left. \begin{aligned} & \eta + g(\eta) \langle 0 \rightarrow \eta + 1 + \left| \frac{\eta-1}{\eta-\sqrt{\eta}} \right| \langle 0 \\ & | \langle \eta \rangle \frac{\sqrt{\eta}}{\eta} \rightarrow \eta + 1 - \frac{\eta-1}{\eta-\sqrt{\eta}} \langle 0 \rightarrow \frac{\eta^2 - \sqrt{\eta} + \eta - \sqrt{\eta} - \eta + 1}{\eta - \sqrt{\eta}} \langle 0 \rightarrow \left| \frac{1.0 - 1.0\sqrt{0}}{-1 + 1 - 1 + 1.0 + 1.0\sqrt{0}} \right| \\ & \eta \rangle, \frac{\sqrt{\eta}}{\eta} \eta \leq 1 \rightarrow \eta + 1 + \frac{\eta-1}{\eta-\sqrt{\eta}} \langle 0 \rightarrow \frac{\eta^2 - \sqrt{\eta} + \eta - \sqrt{\eta} + \eta - 1}{\eta - \sqrt{\eta}} \langle 0 \rightarrow \left| \frac{-\sqrt{\eta} \sqrt{\eta} 1.0}{-1 + 1 - 1 + 1} \right| \end{aligned} \right\} \eta \in (-\infty, \sqrt{\eta}]$$