

بدین انتقال $\left| \frac{v}{r\omega} \right|$ به $\frac{1}{r}$ و $\frac{1}{\omega}$ به $\frac{1}{r\omega}$ به دست می آید.

$$-\frac{1}{r} \left(n - \frac{v}{\omega} \right)^2 + \frac{1}{\omega} \left(n - \frac{v}{\omega} \right) + 1 + \frac{r}{\omega} = -\frac{1}{r} n^2 - \frac{1}{\omega} + \frac{r}{\omega} + \frac{1}{\omega} - \frac{r}{\omega} + \frac{v}{\omega}$$

$$= -\frac{1}{r} n^2 + \frac{1}{\omega} n - \frac{v}{\omega} = 0 \rightarrow -n^2 + \omega n - v = 0$$

$$n^2 - \omega n + v = 0 \quad (n-1)(n-v) = 0 \quad \begin{matrix} n=1 \\ n=v \end{matrix}$$

$$P_{nt,1} \left| \begin{matrix} 1 \\ r \end{matrix} \right| \xrightarrow{x(r)} \begin{matrix} r\omega & r_2 & 1 \\ -1 & +1 & -v \end{matrix} \xrightarrow{-v} \begin{matrix} r_2 & -\frac{1}{r} \\ -v & \end{matrix} \rightarrow P_{nt,r} \left| \begin{matrix} -\frac{1}{r} \\ -v \end{matrix} \right| = \left| \begin{matrix} \alpha \\ \beta \end{matrix} \right|$$

$$\alpha\beta = \frac{v}{r}$$

$$a \leq n-1 \leq r \rightarrow a+1 \leq n \leq a+r \quad D_{f(n-1)} = (a+1, a) \quad -1$$

$$-1 \leq n+1 \leq b \rightarrow -2 \leq n \leq b-2 \quad D_{g(n+1)} = [-r, b-r)$$

$$(a+1, a) \cap [-r, b-r) = (-r, a) \Rightarrow \begin{matrix} b-r & a \\ a+1-r & \omega_2-r \end{matrix} \left. \begin{matrix} b=v \\ \omega_2=r \end{matrix} \right\} a-b, -1$$

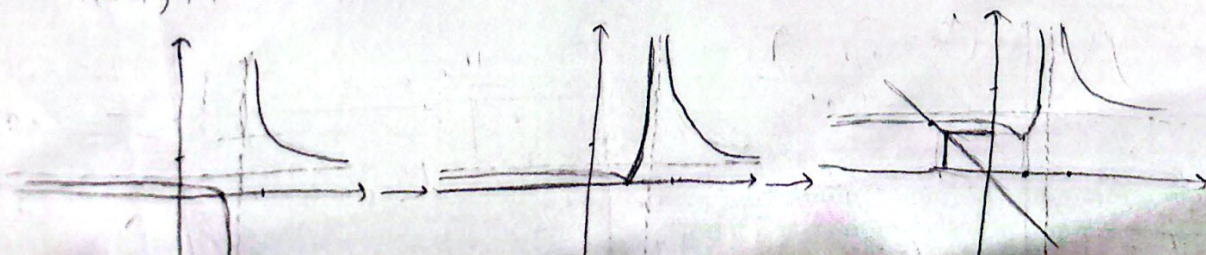
$$D_{f\left(\frac{n}{r}+1\right)} = [-r, \omega] \quad -r \leq n \leq \omega + \frac{1}{r} \leq \frac{1}{r} \rightarrow -\frac{1}{r} \leq \frac{n}{r} + 1 \leq \frac{v}{r} \quad -9$$

$$D_{g(n)} = [0, \omega]$$

$$R_f = [1, r] \quad -1 \leq r \leq r \quad -\omega \leq r-r \leq 1 \quad \text{II} \quad 0 \leq |rf-r| \leq \omega$$

$$\sqrt{\quad} \quad 0 \leq \sqrt{|rf-r|} \leq \sqrt{\omega} \quad R' = [0, \sqrt{\omega}]$$

$$\left| \frac{n-r+1}{r(n-r)+1} \right| + 1 = \left| \frac{n-1}{r(n-r)} \right| + 1 \rightarrow \left| \frac{n-1}{r(n-r)} \right| + 1 + n \leq 0 \rightarrow \left| \frac{n-1}{r(n-r)} \right| + 1 < -n \quad -10$$



محل برقرار در ناحیه دسم

$$\left| \frac{n-1}{r_n - r} \right| + 1 = -n \quad \frac{n < 1}{n < \frac{r}{r}} \rightarrow \frac{n-1}{r_n - r} + n = -1$$

$$\frac{n-1 + r_n^2 - r_n}{r_n - r} = 1$$

$$\frac{r_n^2 - r_n - 1}{r_n - r} = 1$$

$$r_n^2 - r_n - 1 = r_n - r$$

$$r_n^2 = 2 \quad n = \pm \sqrt{2} \\ -\sqrt{2} \checkmark$$

$$(-\infty, -\sqrt{2})$$