

→ اے تامل میں اب اس کا ذکر ہے

$$f(m) = -\pi \quad \boxed{n+m+p+k = -V}$$

$$(t-c)(t+r) \rightarrow t+c, t-r \rightarrow n+c, n-r \Rightarrow n=t$$

$$\rightarrow P_S R = (P_S, Y)$$

$$\frac{-1 \quad 0 \quad 1}{-d+d-d+} \Rightarrow D_f = [1, +\infty)$$

$$\begin{array}{r} -k+15-14k \\ 754k \\ \hline k51 \end{array}$$

$$f(b) = 0 \rightarrow \frac{x}{a} + b = 0 \rightarrow \frac{x}{a} = -b \rightarrow \underline{a \cdot b = -x}$$

$$f(1) = 1 \rightarrow \frac{0}{4a} + b = 1 \rightarrow \underline{b = 1 - a}$$

$$a - b = 1 - 1 = 0$$

حالت زیر این است
 $a=1, b=0$ یا $a=0, b=1$

$$\frac{(x-1)(x-3)}{(x+1)(x-1)} + \frac{b}{x-1} = \frac{a}{x-1}$$

$$\frac{x^2 + rx - m - r}{x^2 - n} \cdot \frac{x^2 - 1}{x + r} \rightarrow f(x) = \frac{(x^2 - 1)(x + r)}{(x - 1)(x + r)} = x + r$$

$$f(x) = g(x)$$

$$C = r$$

$$\left. \begin{array}{l} f(x) = \frac{qx + r}{x + b} \\ f(x) = g(x) \end{array} \right\} \rightarrow \frac{qx + r}{x + b} = x + r \rightarrow \begin{cases} x+1 \rightarrow \frac{a+r}{1+b} = 1 \rightarrow a+1 = b \\ x-1 \rightarrow \frac{-a+r}{-1+b} = 1 \rightarrow r-a+b-1 = a-b+r \end{cases}$$

$$\begin{cases} b = a+1 \\ b = r-a+1 \\ a = r \end{cases}$$

$$f(1) = \sqrt{c-x} + k \cdot 1$$

$$g(1) = \sqrt{b-x} + r \cdot 1$$

$$D_{f \cap g} = D_f \cap D_g = \{1\} \rightarrow \frac{x}{c} = \frac{b}{c} = 1 \rightarrow a = \frac{c}{b}$$

$$r - \frac{b}{c} - k = \frac{c}{b} - c - (-1) = r - \frac{b}{c} + 1$$

$$k = 1$$

$$D_{f \cap g} = D_f \cap D_g \rightarrow [-b, \infty) \rightarrow m \leq 0$$

$$\begin{array}{ll} m - n \geq 0 & m + r \geq 0 \\ m \geq n & n \geq -1 \end{array}$$

$$m = n \sqrt{c-x} + \sqrt{c-x}$$

$$\omega + \sqrt{c-x}$$

$$\sqrt{c-x} + n = \sqrt{c-x} = 4\sqrt{c-x} \rightarrow n = 3\sqrt{c-x}$$

$$-1 < x < 1 \rightarrow y = m + r$$

$$-1 < x < 0 \rightarrow y = m + 1$$

$$0 \leq x < 1 \rightarrow y = m$$

$$1 \leq x \leq r \rightarrow y = m - 1$$

$$x > r \rightarrow y = m - r = 0$$

