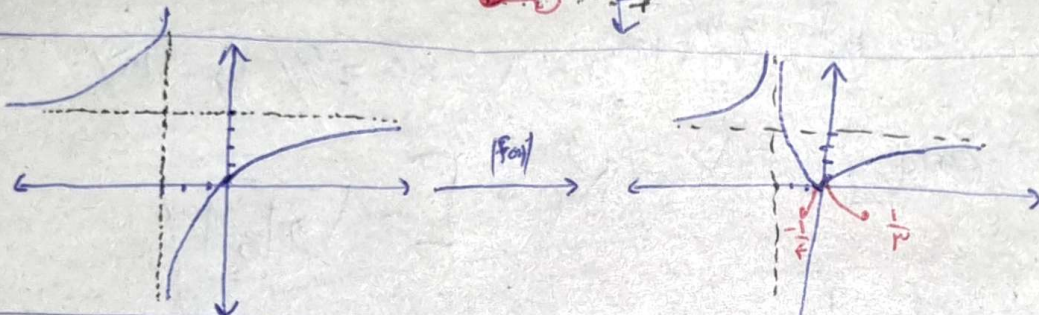
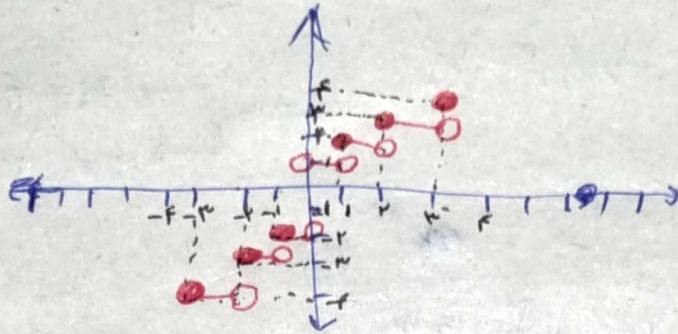


این معادلات را به ازای A بنویسید

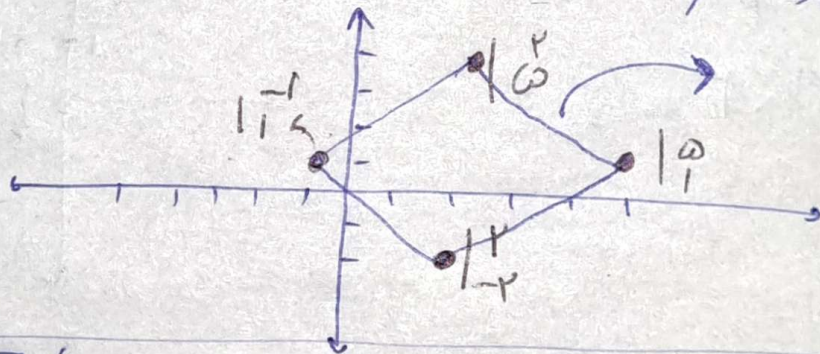
1 → 1 0 → -1 $\frac{-b}{a} = 0 \rightarrow -1$ $R_f = [-1 \ 1]$ (الف 1)

1 → -1 -1 → -1 $R_f = [-1 \ -1]$

0 < x < 2 → [n] + 1 / n = 0 → n = 2 / 2 < x < 0 → [n] - 1 (2)



x > 2, y > 1 → y = -n + 2/n > 2, y < 1 → n - 2/n < 2, y > 1 → n + 2/n < 2, y < 1 → -n (3)



$t + 2\sqrt{t} / 2 \rightarrow 2 + 2\sqrt{2} / +\infty \rightarrow +\infty / \frac{-b}{a} = -1$ (الف 4)
 $R_f = [2 + 2\sqrt{2} \ 0 + \infty]$

$-\sin^2 + 2\sin + 3 / 1 \rightarrow f / -1 \rightarrow 0 / \frac{-b}{a} = 1 \rightarrow f$
 $R_f = [0 \ 4]$

$-\frac{1}{3}(1 + 2 + 3 + \dots + 9) + 10 \times 9 = 90 - 10 = 80$ (5)
 $\frac{9 \times 10}{2} = 45$

$$\boxed{a=0} \quad 2b+c=0 \rightarrow c=-2b \quad 3b+c=1 \rightarrow 3b-2b=1$$

$$\rightarrow \boxed{b=1} \rightarrow \boxed{c=-2} \rightarrow g(x) = \sqrt{x^2 + 1} \rightarrow R_g = [1, +\infty)$$

$-\frac{b}{2a} \rightarrow x = -\frac{-2}{2 \cdot 1} = 1$

$$\frac{(n)(n-2)(n+1)}{(n+1)} = n^2 - 2n \rightarrow \frac{n^2 - 2n}{-1} \rightarrow C = -1$$

①

$$n^2 - 2n \neq 1 \rightarrow n^2 - 2n - 1 = 0 \rightarrow \begin{cases} n \neq 1 \\ n \neq -1 \end{cases} \rightarrow a \cdot b = 0$$

$$f\left(\frac{a+b}{2}\right) = f(1) = 1$$

$$\text{بجای} \rightarrow (n-2)^2 = n^2 - 4n + 4 \rightarrow a = 4, b = 1$$

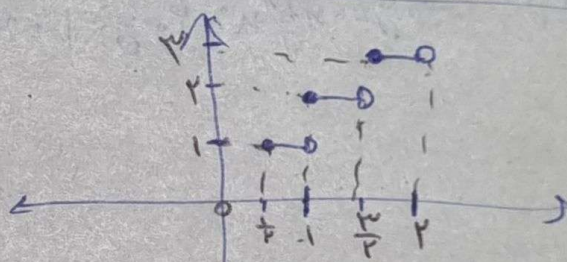
②

$$P_f = \begin{bmatrix} -1 & 1 \end{bmatrix} \xrightarrow{-2} R_f = \begin{bmatrix} -1 & 0 \end{bmatrix}$$

$$\frac{1}{2} \leq n < 1 \rightarrow 1$$

$$1 \leq n < \frac{3}{2} \rightarrow 2$$

$$\frac{3}{2} \leq n < 2 \rightarrow 3$$



③

$$\rightarrow a, b, c$$