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"..."

$$\frac{rx^r + ru^r - 1u + r}{rx^r + du - r}$$

$$du^r - 1u + r$$

$$- du^r + du$$

$$\frac{-ru + r}{ru + r}$$

$$(x-1)(rx^r + du - r)$$

$$(x-1)(x + du - r) \rightarrow \frac{r}{r}, \frac{1}{r}$$

$$(x + r)(u - 1)$$

DANIAL

$$R = \{1, -\frac{r}{r}, \frac{1}{r}\}$$

dp

$$\begin{array}{r} \cancel{r}u^r + 9u^r + 10u + r \mid u+1 \\ \hline \cancel{r}u^r + \cancel{r}u^r \qquad \qquad \qquad r u^r + v u + r \end{array} \quad (1) - (2)$$

$$\begin{array}{r} \cancel{v}u^r + 1 - u + r \\ - \cancel{v}u^r + v u \end{array}$$

$$u + r$$

$$r u + r$$

$$(u+1)(ru^r + vu + r)$$

$$(u+1)(u^r - 4u + 9)$$

$$(u+1)(u+9)(u+1)$$

$$dp \quad R = \left\{ -1, -1, -1, -\frac{1}{r} \right\}$$

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$$\frac{x^4 - 7x^3 + 7x - 1}{x^4 - x + 1} \Big/ \frac{x-1}{x^4 - x + 1}$$

$$-x^4 + x$$

$$-x^4 + x^3 + 7x - 1$$

$$+x^3 - x$$

$$x - 1$$

$$(x-1)(x^3 - x + 1)$$

$$x^4 - x^3 + x^2 - x + 1$$

$$R = \{1\}$$

DANIAL

dp

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→ Hall P

$$x^r - r u + r u - 1 \mid \frac{x-1}{x^r - u + 1}$$

$$x + r$$

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$$(x^r - u + 1)(u - 1) \quad \text{P}$$

$$x = -r$$

$$u = 1$$

$$\frac{-r}{+ \mid - \mid +}$$

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dp

$$D_F = (-\infty, \infty) \cup (1, +\infty)$$

DANIAL

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$$x^r - \omega | n - 1 | - r n + \omega = 0 \quad | r$$

$$I: n - 1 > 0$$

$$n > 1$$

$$x^r - \omega x + \omega - r n + \omega = 0$$

$$x^r - \omega n + 1 = 0$$

$$(x - r)(n - \omega) = 0$$

$$\left. \begin{array}{l} x = r \checkmark \\ n = \omega \checkmark \end{array} \right\} \begin{array}{l} x < 1 \\ x^r + \omega n - \omega - r n + \omega = 0 \\ x^r + r n = 0 \\ x(n + r) = 0 \end{array}$$

DANIAL

UP

$$R = \{r, \omega, -r\}$$

$$x = 0$$

$$x = -r$$

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$$[-u] \geq 1 \quad \text{if}$$

$$R \cap D_L = \text{scribbled out}$$

$$(-\infty, -1]$$

$$[u] = t$$

$$t^2 - 1t - 1 = 0$$

$$(t-1)(t+1) = 0$$

$$t = 1 \rightsquigarrow [u] = 1 = [1, 1)$$

$$t = -1 \rightsquigarrow [u] = -1 = \text{scribbled out}$$

$$R - \{ [-1, 0) \cup [1, 1) \} = [-1, 0)$$

DANIAL

dp

$$[n - \frac{1}{\mu}] + [n + 1 - \frac{1}{\mu}] = 2n \quad (1)$$

$$[n - \frac{1}{\mu}] + 1 \geq 0$$

$$[n - \frac{1}{\mu}] \geq -1$$

$$n - \frac{1}{\mu} \geq 0 \Rightarrow n \geq \frac{1}{\mu}$$

$$D_R = [\frac{1}{\mu}, \infty)$$

$$[+3] + [-1] \geq 0 \quad (2)$$

$t \in \mathbb{Z}$
 $x - \frac{1}{\mu} \in \mathbb{Z} \Rightarrow D_R = \{n \in \mathbb{Z} : n = k + \frac{1}{\mu}, k \in \mathbb{Z}\}$

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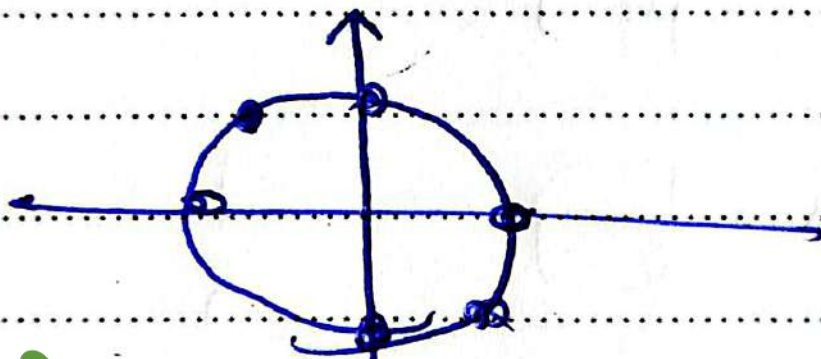
$$\sin \neq 0$$

$$\sim 1 \text{ و } -1$$

$$\cos \neq 0$$

$$\tan u = -1$$

$$R = \left\{ \frac{k+\pi}{2}, k+\frac{3\pi}{2} \right\}$$



✓

$$D_f \left[k\pi - \frac{\pi}{4}, k\pi + \frac{\pi}{4} \right] \subseteq D_f \left[k\pi - \frac{\pi}{4}, k\pi + \frac{\pi}{4} \right] \cup \left[k\pi + \frac{3\pi}{4}, k\pi + \frac{5\pi}{4} \right]$$

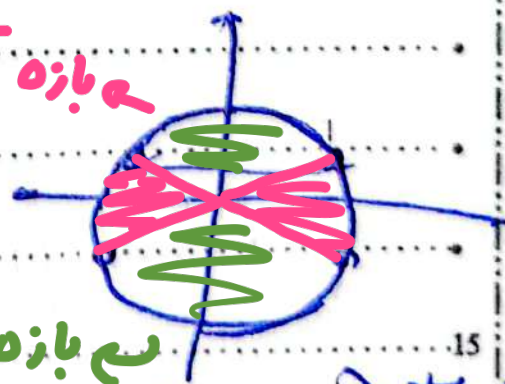
$$1 - \sqrt{\sin u} \geq 0$$

$$1 \geq \sqrt{\sin u} \quad \text{بازہ قابل قبول!}$$

$$\frac{1}{\sqrt{2}} \geq \sin u$$

$$\left\{ \frac{1}{\sqrt{2}} \geq \sin u \right\}$$

بے بازہ سہ



DANIAL

$$-\frac{1}{\sqrt{2}} \leq \sin u$$

$$R = \left[\frac{\pi}{4}, \frac{3\pi}{4} \right] \cup \left[\frac{5\pi}{4}, \frac{7\pi}{4} \right]$$

$$r \sin \alpha - 1 \geq 0 \quad (\checkmark)$$

$$r \sin \alpha \geq 1 \quad R = \left[\frac{\pi}{\sqrt{g}} \frac{v_{km} + \omega \pi}{4} \right]$$

$$\sin \alpha \geq \frac{1}{r}$$

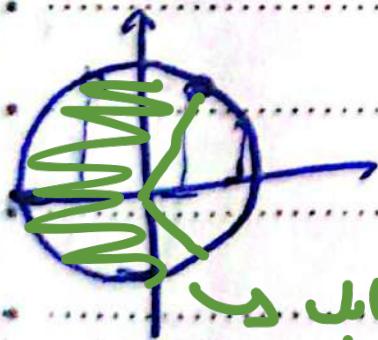
1,8

$$1 - \cos \alpha \geq 0$$

فرد

$$1 \geq \cos \alpha$$

$$\frac{1}{r} \geq \cos \alpha$$



بازه قابل تبدیل

$$R = \left(\frac{\pi}{\sqrt{g}} \frac{v_{km} + \omega \pi}{4} \right)$$

$$Df = \left[v_{km} + \frac{\pi}{4}, v_{km} + \frac{5\pi}{4} \right]$$

$$= Df = IR - \left(v_{km} - \frac{\pi}{4}, v_{km} + \frac{\pi}{4} \right)$$

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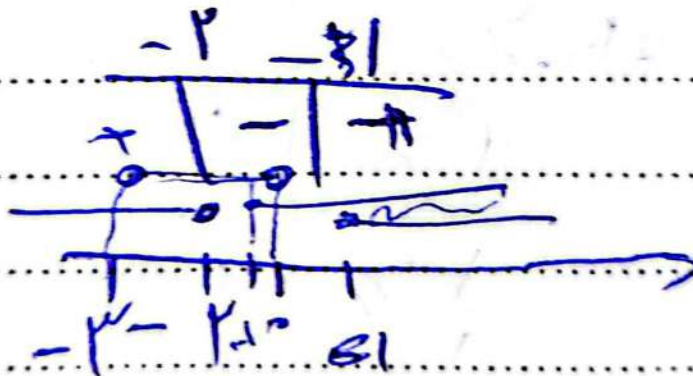
$$-1 \leq x^r + yu + 1 \leq 1 \quad (\wedge)$$

$$0 \leq x^r + yu + 1 \leq 1$$

$$(x+1)(u+1) \geq 0$$

$$x = -1$$

$$u = -1$$



$$x^r + yu \leq 1$$

$$x(u+r) \leq 1$$

$$u = 0$$

$$u = -1$$

$$-1 \leq 0 \leq 1$$

$$R_f = [-1, -1] \cup [-1, 0]$$

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$$\omega - r_n \geq 0$$

(-)

(+)

$$x \leq \frac{\omega}{r} \left\{ 0 \leq \sqrt{\omega - r_n} \leq 1 \right.$$

$$-1 \leq \cos y \leq 1 \rightarrow \sqrt{t} \geq 0$$

$$P_2 = [r, r, \omega]$$

$$x \geq r$$

$$x > 0$$

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$$1 - \log x \geq 0$$

$$P_2 = (0, r)$$

$$1 > \log x$$

$$\log x$$

DANIAL

dp

$$u < v$$

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Q7.

$$1 - \log \frac{n}{r} > 0$$

$$1 > \log \frac{n}{r}$$

$$\textcircled{r} \quad n > \frac{1}{r} \rightarrow$$

$$D_f = \left(\frac{1}{r}, +\infty \right)$$

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$$K_n - n^r$$

r

$$- 1 \geq 0$$

$$K_n - n^r$$

r

$$\geq 1, r$$

$$K_n - n^r \geq r$$

$$- 1 \geq 0 \geq n^r - \varepsilon n + r$$

$$0 \geq (n-1)(n-r)$$

$$P_L = [1, r]$$

DANIAL

dp

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$$\frac{r_u + \Delta}{r_u + r} \leq w$$

$$r \leq \frac{r_w - \Delta}{r - r_w} \Rightarrow$$

$$\{x | x \in \frac{r - r_w}{r - r_w}, \text{ how}$$

(اصلا بنویسید بنویسید)

سید آقا (خاک) معصوم



مهرنگار عسری

از هفته ی آتی به مرتب و دقیق بدون بی دقتی بنویس!

dp