

"سنا مینا" "نار و دھوم رختی" تکیب

To

$$\frac{1}{z-1} = -\kappa q /$$

$$\frac{1}{x_1} = x_1 - 1$$

$$r_2^2 + r_3^2 - r = 0$$

$$x^y - yx + 1 = 1$$

$$x = y$$

$$A < 0$$

$$x^T - yx = 0$$

$$x \rightarrow y \checkmark$$

$$\frac{1}{x} \frac{d}{dx} \left(\frac{x^2 - 1}{x} \right) dx$$

$$|yx - 1| < \epsilon |x|$$

$$(Y_2 - 1)^Y < Y^C \times Y$$

$$F_{X^Y} - \sum_{i=1}^n \lambda_i A_i \leq \varepsilon X^Y$$

$$-f_2 + 1 \neq 0$$

$$x \geq \frac{1}{\varepsilon} \quad x \neq 0$$

$$-1 \mid \frac{x-y}{x+y} \mid 0$$

$$|x-4| > |x+1|$$

$$(n-1)^r \geq (r+1)$$

$$x^p \in x + \mathbb{Z} \Rightarrow x^p + \mathbb{Z} = x + \mathbb{Z}$$

$$P(x \vdash_4 \wedge x \vdash_0 \mid x \vdash_0)$$

$$x = 0.12$$

$$x \neq 1 \Rightarrow z = -\frac{1}{x}$$

محدود $\Rightarrow (\frac{1}{2} + \infty)$

$$\text{محاورہ} = (-\frac{1}{2}, -\frac{1}{4}) \cup (-\frac{1}{4}, \frac{1}{4})$$

$$|x - a| < \beta \Rightarrow$$

$$x+9 > x^2 \rightarrow x^2 - x - 9 < 0 \Rightarrow x \in \frac{-1 \pm \sqrt{1+36}}{2} = \frac{-1 \pm \sqrt{37}}{2} \Rightarrow (-2, 5)$$

$$x^4 - x^2 \Rightarrow x^2 + x + 9 < 0 \Rightarrow \Delta < 0 \text{ (bisher)} \Rightarrow + \frac{2}{3} \Rightarrow x \in \emptyset$$

$$-1 < x < 1 \quad -\frac{a}{f} < x - \frac{1}{f} < \frac{a}{f} \Rightarrow |x - \frac{1}{f}| < \frac{a}{f} \Rightarrow x \in \frac{1}{f}$$

$x < -1.$

$$y = |x+1| - |x| + |x+1| \geq \min_{x \in \mathbb{R}} (|x+1| - |x|) = -1$$

$$y = -(x+1) + 2x - (x-1) = 1 \quad x = -1 \Rightarrow y = -2 \wedge x = 1$$

$$-1 < x < 0 \rightarrow y = (x+1) + 2x - (x-1) = 2x + 2 \quad x=0 \rightarrow y = 1+2=3$$

$$\circ \langle x \rangle \rightarrow y = (x+1) - 2x - (x-1) = -x + 2 \quad x=5 \rightarrow y = -5 + 2 = -3$$

$$x \geq 1 \rightarrow y = (x+1) - 1x + (x-1) = x$$

$$\max + \min = r - 1\sqrt{r} \text{ (C)}$$

Date:

Subject:

$$y = \left| \frac{x}{r} \right| - 1 \rightarrow y = \left| \frac{x+\varepsilon}{r} \right| - 1 + 1 = \left| \frac{x+\varepsilon}{r} \right| - 1 \Rightarrow \left| \frac{x}{r} \right| - 1 \leq \left| \frac{x+\varepsilon}{r} \right| - 1$$

$$\left| \frac{x}{r} \right| \leq \left| \frac{x+\varepsilon}{r} \right| + 1 \Rightarrow |x| \leq |x+\varepsilon| + 1 \quad x \geq 0 \rightarrow x = x + \varepsilon + r \Rightarrow 0 \leq r \quad (5)$$

$$-\varepsilon \leq x < 0 \rightarrow -x = x + \varepsilon + r \Rightarrow x \leq -r \quad x < -\varepsilon \rightarrow x = -(x + \varepsilon) + r \Rightarrow 0 \leq -r$$

$$x \leq -r$$

$$|1-x| - |x+\varepsilon| \rightarrow \begin{array}{ccc} -\varepsilon & 1 & \\ 1-x+x+\varepsilon & 1-x-x-\varepsilon & x-1-x-\varepsilon \\ -x-x & -x-x & -\varepsilon \end{array}$$

$$R_1 = \{-0.5, -\varepsilon, -r, -1, 0, 1, r, \varepsilon, 0\} \quad R_2 = [-1, 0)$$

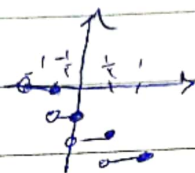
$$y = \frac{1}{x} - \left(1 + \frac{1}{x}\right) \rightarrow \frac{1}{x} - \left\{ \frac{1}{x} \right\} - 1$$

$$-1 < x \leq -\frac{1}{r} \rightarrow y = 1 - 1 = 0$$

$$-\frac{1}{r} < x \leq 0 \rightarrow y = 0 - 1 = -1$$

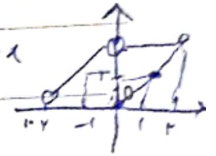
$$0 < x \leq \frac{1}{r} \rightarrow y = 1 - 1 = 0$$

$$\frac{1}{r} < x < 1 \rightarrow y = x - 1 = r$$



$$y = x - r(-1) = x + r - r$$

$$0 \leq x < r \rightarrow y = x - r(-1) = x + r$$



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

$$-r < x \leq -1 \rightarrow y = 0$$

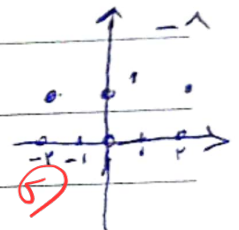
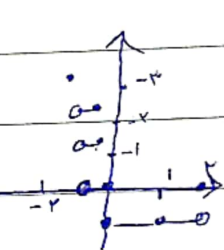
$$-1 < x < 0 \rightarrow y = 0$$

$$x \geq 0 \rightarrow y = 1$$

$$-r < x \leq -1 \rightarrow y = 0$$

$$-1 < x < r \rightarrow y = 0$$

$$x \geq r \rightarrow y = 1$$



$$a + (b - \varepsilon) = \varepsilon, r$$

$$b - [a] = r, \varepsilon$$

$$b - (a - \varepsilon) = r, \varepsilon$$

$$a + [b] = \varepsilon, r \Rightarrow r b = r, \varepsilon + \varepsilon, r = \varepsilon, 1$$

$$a + b = 1/r + r, \varepsilon = \varepsilon, r$$

$$b = r, \varepsilon$$

$$a \leq 1/r$$

$$(1 + \sqrt{r})^4 + (1 - \sqrt{r})^4 = 19$$

$$(1 + \sqrt{r})^4 = 19 - (1 - \sqrt{r})^4 \Rightarrow -1 < 1 - \sqrt{r} < 0 \Rightarrow 0 < (1 - \sqrt{r})^4 < 1$$

$$[(1 + \sqrt{r})^4] = [19 - 0 \dots] = 19$$

MAHAN