

$$\text{این) } L(n) = \frac{\sqrt{n(n^2-1)}}{\sqrt{n+|n|}}$$

4:00 AM

$$\rightarrow I) \quad n(n-1) \xrightarrow{+0} n(n-1)(n+1) \xrightarrow{\begin{array}{r} -1 \ 0 \ 1 \\ -1 \ 1 \ 1 \end{array}}$$

$$\text{II) } (n) + u \geq 0 \rightarrow \bigcap_{n \in \mathbb{N}} \mathcal{X} \xrightarrow{\quad} \mathcal{D} f = [1, +\infty)$$

ج) $f(x) = \frac{\sqrt{(x-1)} - x}{(x-1)} \rightarrow$

[illegible]

II) $|n|-1 \neq 0 \rightarrow (n \neq 1) \rightarrow n \neq \pm 1$

$$|m-1|-k \neq 0 \rightarrow |m-1|-1 = k \rightarrow \underline{m \geq 0}$$

$$I) |n-r|-1 \leq k \rightarrow |n-r| \leq k+1$$

$$\begin{aligned} & \hookrightarrow n - r_2 k + 1 \rightarrow n \leq k + r_2 \rightarrow k + r_2 = 1 - k \rightarrow k \leq -1 \quad \alpha \\ & \hookrightarrow n - r_2 - k - 1 \rightarrow n \leq 1 - k \end{aligned}$$

$$\underline{\text{D)}} \quad |n-r|-1 \leq k \rightarrow |n-r| \leq 1-k \begin{cases} \rightarrow n-r \leq 1-k \rightarrow n \leq r-k \\ n-r \geq k-1 \rightarrow n \geq k+1 \end{cases}$$

$$\rightarrow r-k \leq k+1 \rightarrow \boxed{k \in \mathbb{G}_{\mathbb{Q}}}$$

$$g(m) = \sqrt{b - cm}$$

$$f(n) = \sqrt{c_n - n^2} + k - 1$$

$$f(1, k) = \sqrt{c_1 - 1^2} + k - 1$$

① باب ۲۲: ۱-۲۲: ۱۰

$$0f = \{m - n \geq 0 \rightarrow m \geq \frac{r}{2}a\} \leftarrow \text{Case 1}$$

$$P_g = b - r n \geq 0 \rightarrow n \leq \frac{b}{r} \rightarrow \frac{b}{r} > n \leq \frac{b}{r}$$

و در هر دو بهر یک $\frac{a}{\pi} = \frac{b}{\pi} = 1 \rightarrow a = \pi, b = \pi$ ←

$$f \circ g(1) = f(\sqrt{k-1} + k - 1) - (\sqrt{k-1}) \leftarrow \text{substituting } 1 \text{ in } f \text{ (clockwise)}$$

$$Y_k - Y - Y_k = k \rightarrow Y \hat{=} Y_k \rightarrow \underline{k \hat{=} 1}$$

$$2 + 1 - 1 = 2 \quad 1 + \frac{1}{2} - \left(\frac{1}{2}\right) = 1 \quad \boxed{3}$$

I) $m+n \geq 0 \rightarrow n \geq -1$
 II) $m-n \geq 0 \rightarrow n \leq m$

$$\left. \begin{array}{l} \text{I) } m+n \geq 0 \rightarrow n \geq -1 \\ \text{II) } m-n \geq 0 \rightarrow n \leq m \end{array} \right\} -1 \leq n \leq m$$

$$[-1, m]$$

بالحدود المتكافئة

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$g \times f$ into $g \times f$, f

$$\rightarrow f - g(M) = \epsilon \sqrt{M} \rightarrow \text{Est} \quad \rightarrow \text{Est}$$

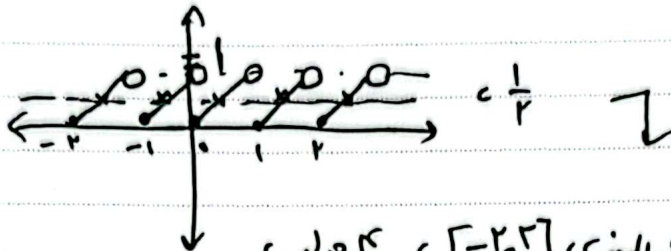
$$\sqrt{v - \frac{1}{2} + n} - \sqrt{v + \frac{1}{2}} = \frac{1}{2} + n - \frac{1}{2} \sqrt{v} \approx \frac{1}{2} \sqrt{v}$$

$$\rightarrow n = \lambda\sqrt{r} - r \rightarrow m+n = \lambda\sqrt{r} - r + r = \lambda\sqrt{r}$$

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$$y_2(-1)^r (n - [n]) < \frac{1}{r} \rightarrow n - [n] = \frac{1}{r}$$

$\overrightarrow{m - [n]}$
 : بلده



٧) $\vec{a} = 2\hat{i} + 3\hat{j}$ ، $\vec{b} = -\hat{i} + 2\hat{j}$ ، $\vec{c} = 3\hat{i} + \hat{j}$

۱) بیعت عبداللہ علیہ السلام !