

$$f(n) = \sqrt{(n+2)n^2 + an + b} \Rightarrow [-\infty, 3]$$

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اگر مضاعف بد (صفر) و اولی (تغییر) شده بد

$$a + 2 = 0$$

$$a = -2$$

$$-2n + b = 0$$

$$-2(3) + b = 0$$

$$-6 \rightarrow b = 6$$

$$f(n) = \sqrt{n^2 + 4n + 2 - m^2} \quad \Delta = 0$$

$$f - f(4 - m^2) = 0$$

$$f - n + f m^2 \Rightarrow 6 m^2 - 6 = 0 \Rightarrow (m^2 - 1) = 0$$

$$\rightarrow m = \pm 1$$

$$+ 1 - (-1) = 2$$

$$f(n) = \frac{\sqrt{e - n^2}}{[n] + [-n] + 1} \neq 0$$

$$-1 \leq 0$$

$$\rightarrow \geq$$

$$\frac{-2 \pm 2}{-6 \pm 6}$$

$$[-2, 2] \Rightarrow \{-2, -1, 0, +1, 2\}$$

$$\in \omega$$

$$100 \geq 0$$

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

$$\frac{n^2 - 2n + 1}{n^2 - 2n + 1} = \frac{n-1}{n-1} \Rightarrow 1$$

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

$\nu_2 \quad \frac{\nu}{\nu^2 - \omega | \nu - 1 | - \nu \lambda + \omega \neq 0}$

$$V_2 = \sqrt{|4n+1| - |n+r|} \geq 0 \quad |4n+1| \geq |n+r| \Rightarrow \epsilon n^r + 1 + \epsilon n \geq n^r + 1 + 4n$$

$$\frac{-\frac{\epsilon}{r}}{+\phi - \phi +} \quad (-\infty, \frac{\epsilon}{r}] \cup [r, +\infty)$$

$$4n^r - 4n - \frac{\epsilon}{r} \geq 0 \quad (n + \epsilon)(n - \epsilon) < \frac{-\epsilon}{\frac{\epsilon}{r}}$$

$$0 < \log_r (1 - \log_{\frac{1}{r}} a) > 0 \Rightarrow 1 > \log_{\frac{1}{r}} a \Rightarrow \log_{\frac{1}{r}} a > 1 \Rightarrow a > \frac{1}{r} \Rightarrow (\frac{1}{r}, \infty)$$

4) $\log \log \omega^{n-1} \leq 1$. $\log \omega^{n-1} \leq \omega \Rightarrow n-1 \leq \omega \Rightarrow n \leq \omega + 1$

$$[1 \quad \mu] \in D_F$$

$$x = \sqrt{\log \frac{n-1}{n+1}} \geq 0 \Rightarrow \log \Rightarrow \frac{n-1}{n+1} \geq 1 \Rightarrow \frac{n-1}{n+1} \geq 1 \cdot \frac{-1}{n+1} \geq 1 \cdot \frac{-1}{n+1}$$