

۱۴۰۱ ♦ ۲۰۲۲

$$Df_n = (a, 2] \Rightarrow Df_{n+1} = (a+1, 2]$$

$$Dg_n = [-1, b) \Rightarrow Dg_{n+1} = [-2, b-1)$$

$$Df_{n+1} \cap Dg_{n+1} = (-2, 2) \Rightarrow a+1-2 < 2 \Rightarrow a < 3$$

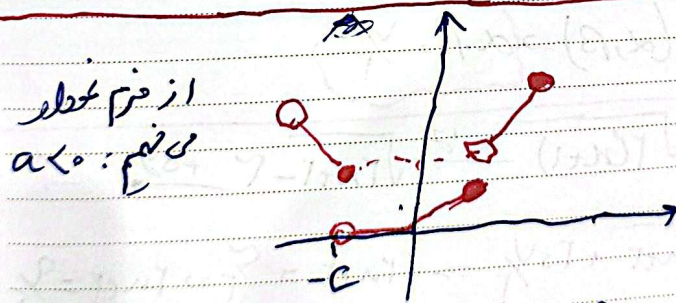
$$b-1 < 2 \Rightarrow b < 3 \Rightarrow a-b > -2-2 = -4$$

$$Df_{n+1} = [-2, 2] \Rightarrow Df_n = [-2, 2] \Rightarrow Df_{n+1} = [-2, 2]$$

عبارت زیر را به صورت خطی بنویسید

$$Rf_n = [-1, 2] \Rightarrow Rf_n - 2 = [-3, 0] \Rightarrow |2f_n - 2| = 2$$

$$\sqrt{|2f_n - 2|} = \sqrt{2} = R_1$$



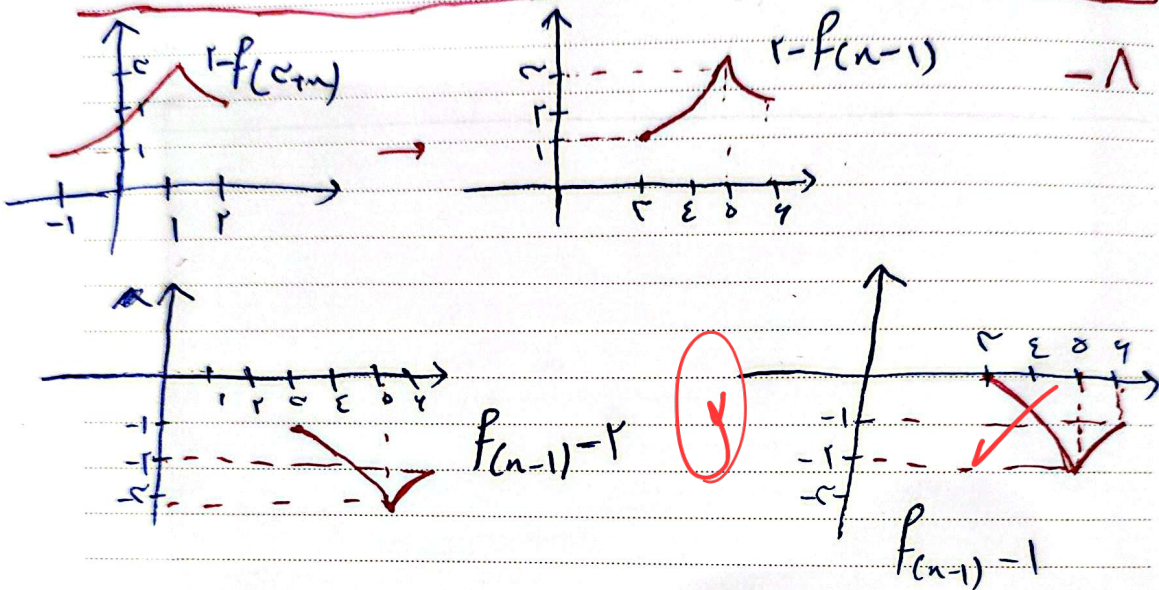
$$\frac{-c}{a} \times a \pm (-c) = c^2 - \frac{1}{4} \Rightarrow c < \frac{1}{2}$$

$$a \pm 1 \Rightarrow a-2 \Rightarrow a-2 < 2 \Rightarrow a < 4$$

$$b+1 < 2 \Rightarrow b < 1$$

... 14.01.2022

$$\begin{aligned}
 & \log_r^n \rightarrow \log_r^{n+1} \rightarrow -\log_r^{n+1} \rightarrow -\log_r^{n+1} + r \rightarrow -V \\
 & \rightarrow -\frac{\log_r^{n+1}}{r} + r \Rightarrow \log_{(-1/r)} + 3(-1/r) = -1 + (-2) = -3
 \end{aligned}$$



$$\left| \frac{n-1}{n-2} \right| + 1 \leq g(n) \rightarrow n+1 + \left| \frac{n-1}{n-2} \right| < g \Rightarrow$$

$$x+1 < \frac{x-1}{x-5} < -x-1 \quad \frac{1-\sqrt{5}}{2} < \frac{-x+x+1}{x-5} \rightarrow \frac{1-\sqrt{5}}{2} < \frac{1}{x-5} < \frac{1+\sqrt{5}}{2}$$

$$\therefore \text{A.P.} = (-\infty, \frac{1-\sqrt{5}}{2}) \cup (\frac{1+\sqrt{5}}{2}, \infty) \quad \textcircled{\text{II}}$$

$$\text{Sub} \rightarrow \frac{m^2 - 2}{m - 2} < 0 \rightarrow \frac{-}{+} \frac{+}{-} \frac{+}{+} \rightarrow \text{I} \quad (-\infty, -\sqrt{2}) \cup (\sqrt{2}, \infty)$$

I $\cap$ II = $(-\infty, -\sqrt{r})$

Wed
Jun
8چهارشنبه
رداد
۸ ذی القعدة ۱۴۴۳

۱۸

۱۴۰۱ • ۲۰۲۲

$$f(n) = \frac{2V}{\Lambda} n^2$$

-۱۰

$$-f_+ \cap f_+ \Rightarrow \circ \cdot f_+ \cap f_+ \Rightarrow \circ \cdot \frac{2V}{\Lambda} n^2 \cap f_+$$

$$\Rightarrow \circ \cdot \frac{2V}{\Lambda} n^2 \cap \frac{2V}{\Lambda} n^2 \rightarrow \circ \cdot \frac{2V}{\Lambda} n^2 \cap \{0, 1, 2\}$$

۲

۳