

طریق شکل تابع است
(نصیح فقط قاعده شری از امامان و ائمه و اقطاف نمی شود)

$$(-f_2, -r] \cup [0, r) \\ \cup [r_2 + \infty)$$

$\begin{array}{ccccc} & -r & 0 & +r & \\ \hline - & c & +c & -c & c \end{array}$

$$r_D: \pm$$

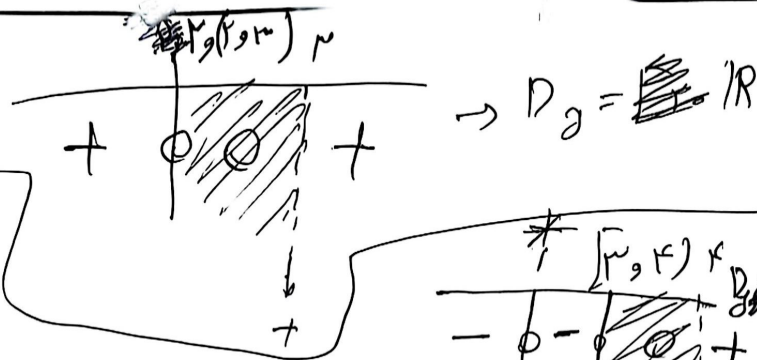
c)

الف

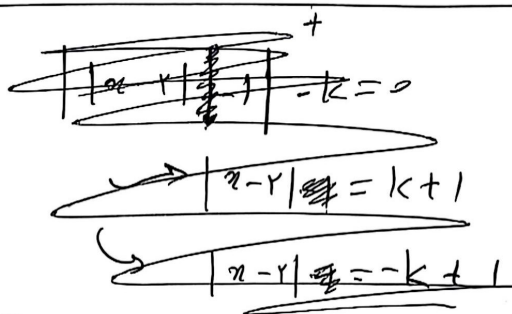
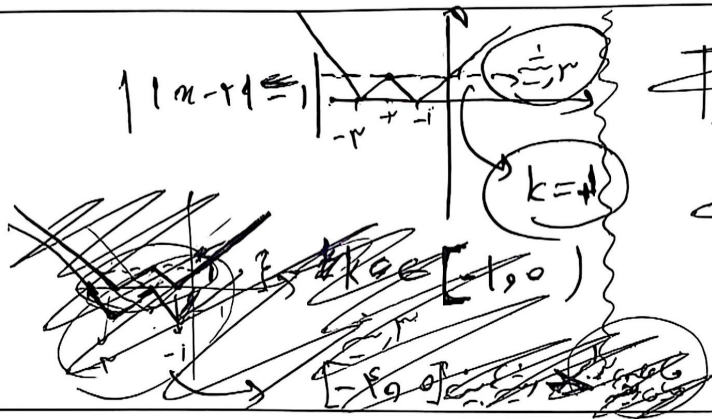
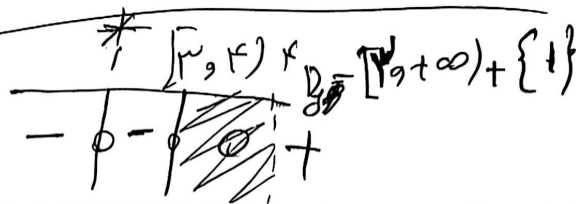
2

$$\begin{array}{l} \underbrace{-n \geq r}_{n < r} \rightarrow -n^r + n^r \rightarrow 0 \quad k_0 \\ \underbrace{-n < r}_{n < r} \rightarrow -n^r - n^r \rightarrow (q - r) \end{array}$$

الف)



ب)



$$n^2 + 3n + 2 \neq 0 \rightarrow \textcircled{A} \quad -2$$

$$n + 1 \neq 0 \rightarrow \textcircled{-1}$$

$$n - 1 \neq 0 \rightarrow 1$$

$$h = \frac{r}{2} = \frac{1}{2}$$

$$\hookrightarrow n^2 - 4n + 4$$

$$\hookrightarrow \Delta = 0 \quad \text{یک دایره}$$

$$\left. \begin{array}{l} n \neq -1 \\ n > -1 \\ n > 0, n \neq 1 \end{array} \right\} \log \frac{1}{n} > 0 \rightarrow n < 1 \quad D_g = (0, 1)$$

$$-1 \leq r_n \leq 1 \rightarrow n^2 \leq \frac{r}{n}$$



$$\Rightarrow D_g(r_{n+1}) = \left[-\frac{r}{\sqrt{n}}, \frac{r}{\sqrt{n}} \right]$$