

Viana

subject :

Year : Month : Date :

19, 5

عزیزان حقیقی دوازدهم

$$1. -1 \left(\frac{1^m + 1}{a} \right) \left(1 \right) \Rightarrow -1 \left(1^m + 1 \right) \left(1 \right) \quad (2)$$

$$-1 \left(1^m \right) \left(1 \right) \Rightarrow -1 \left(1 \right) \left(1 \right) \Rightarrow D_f = [-1, 1]$$

$$2) \quad 1^m(-1) - 1 = -1, \quad 1^m(1) - 1 = 0 \quad (1, 1, 5)$$

$$D_f(m) = [-1, 1] \quad \text{صفحه ۳ افرد}$$

$$3) \quad \frac{1^m(-1) + 1}{2} \left(1 - \omega n \right) \left(\frac{1^m(1) + 1}{2} \right) \Rightarrow -1 \left(1 - \omega n \right) \left(\omega \right) \quad (1, 1, 5)$$

$$-1 \left(-\omega n \right) \left(1 \right) \Rightarrow -1 \left(n \right) \left(\frac{1}{\omega} \right) \quad D = \left(-\frac{1}{\omega}, \frac{1}{\omega} \right) \quad \text{صفحه ۳ افرد}$$

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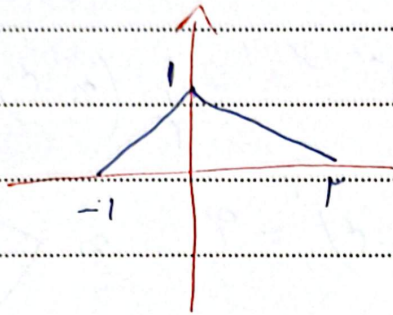
Year :

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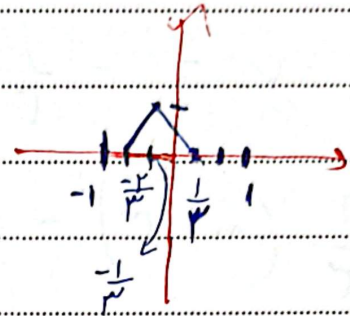
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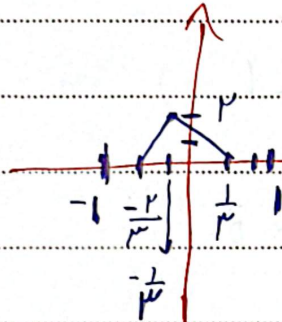
8)



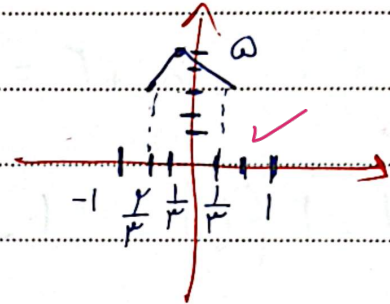
$$f(x_{n+1})$$



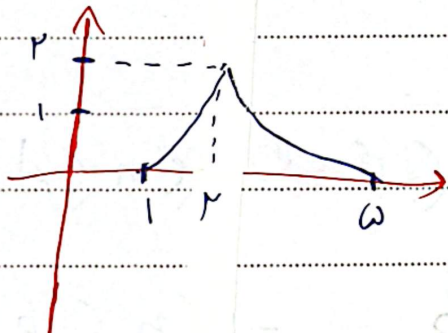
$$n f(x_{n+1})$$



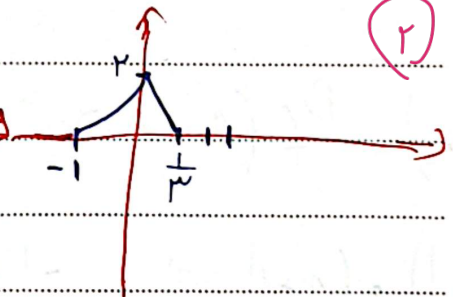
$$n f(x_{n+1}) + n$$



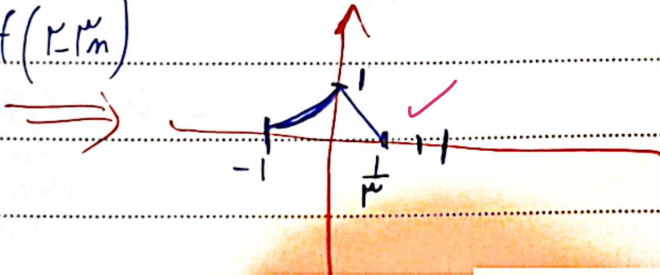
2)



$$f(x - x_n)$$



$$\frac{1}{n} f(x - x_n)$$



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$$4) \quad y = -\frac{1}{\mu} (n-r)^r + \mu \stackrel{y=1}{=} -\frac{1}{\mu} (n-r)^r + \mu = 1 \quad (r)$$

$$-\frac{1}{\mu} (n-r)^r = -\mu \stackrel{x=r}{\Rightarrow} (n-r)^r = \mu \quad n < \checkmark$$

$$5) \quad \mu n + r = 1 \Rightarrow r n = -1 \Rightarrow n = \frac{-1}{\mu} = -\mu$$

$$1 - r f(1) = 1 - r(r) = -V = B \quad (r)$$

$$\left(-\frac{1}{\mu}, \checkmark V\right) \quad \alpha \beta = \frac{V}{\mu} \checkmark$$

$$1) \quad D_f(n-1) = a(n-1) \leq r \Rightarrow a+1 \leq n \quad I \quad (r)$$

$$D_g(n+1) \Rightarrow -1(n+1) < b \Rightarrow -r(n) < b-1 \quad II$$

$$D_{I \cap II} = (-r, a) \Rightarrow b-1 = a \Rightarrow b = a+1$$

$$a+1 = -r \Rightarrow a = -r \checkmark \quad a-b = -r - (a+1) = -r - (-r) = 0$$

Q/

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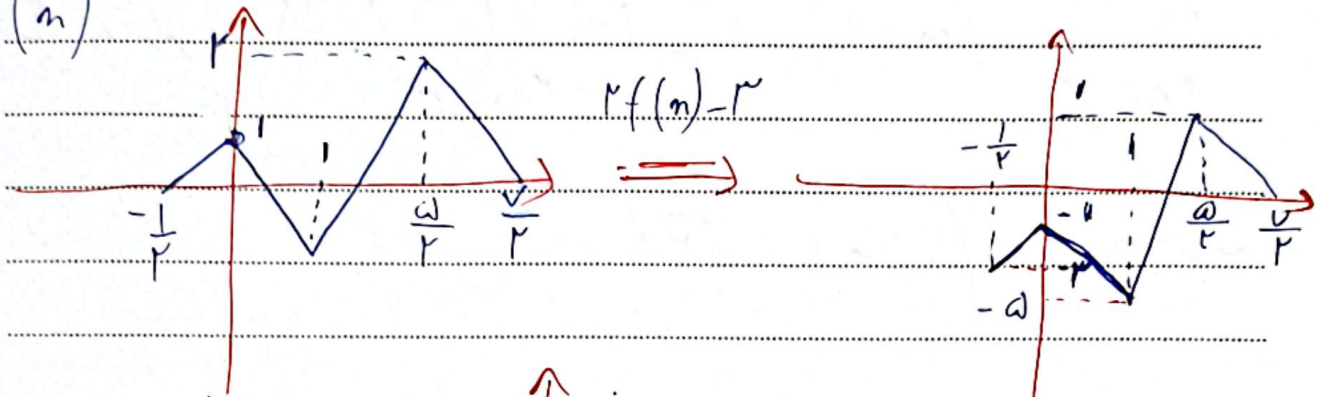
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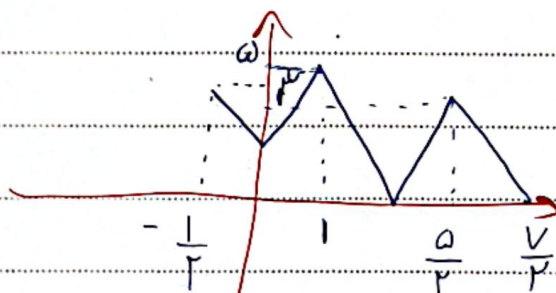
$$9) D_f = \left[-\frac{r}{r} + 1, \frac{a}{r} + 1 \right] \Rightarrow \left[-\frac{1}{r}, \frac{v}{r} \right]$$

$f(n)$



$$|rf(n)-r|$$

$\Rightarrow$



(2)

$$R_{y_r} = [0, \sqrt{a}] \quad D_{y_r} = \left[-\frac{1}{r}, \frac{v}{r} \right]$$

$$1.) \left| \frac{(n-r)+1}{r(n-r)+1} \right| + 1 \Rightarrow \left| \frac{n-1}{r_n-r} \right| + 1$$

$n(-1)$

(2)

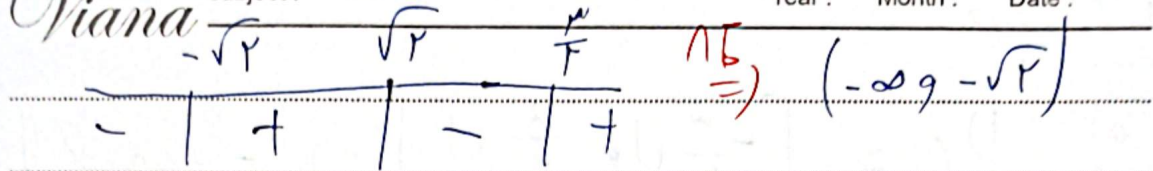
$$n + \left| \frac{n-1}{r_n-r} \right| + 1 \quad (\Rightarrow) \quad n + 1 \left(\frac{n-1}{r_n-r} (-n-1) \right)$$

$$\Rightarrow \frac{n-1}{r_n-r} - (n+1) \Rightarrow \frac{-r_n+r}{r_n-r}$$

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$$\frac{n-1}{r_{n-3}} > n+1 \Rightarrow \frac{-r_n^2 + r_{n+1}^2}{r_{n-3}}, \text{ معادله برقرار}$$

$$\text{جوابها} = (-\infty, -\sqrt{2})$$

V

$$D_g = [-r, r] \rightarrow -r \leq u \leq r \rightarrow -\Lambda \leq r_n - r \leq \Lambda \Rightarrow D_f = [-\Lambda, \Lambda] \quad -r$$

$$D_g = [-1, r) \rightarrow -1 \leq u < r \rightarrow -1 \leq \frac{r_{n+1}}{r} < \Delta \Rightarrow D_f = [-1, \Delta) \quad -r$$

$$-1 \leq r - \Delta u < \Delta \rightarrow -\frac{r}{\Delta} \leq u \leq \frac{r}{\Delta} \Rightarrow D_{f(r-\Delta u)} = \left(-\frac{r}{\Delta}, \frac{r}{\Delta}\right]$$