

موضوع

تاريخ

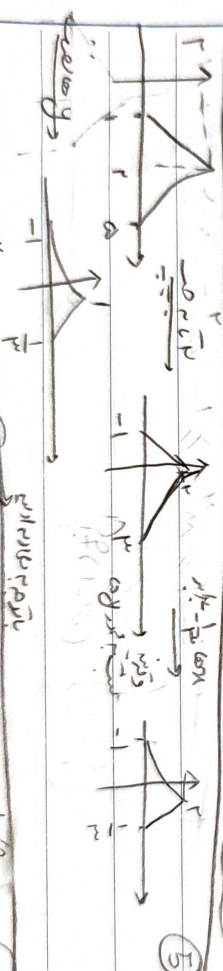
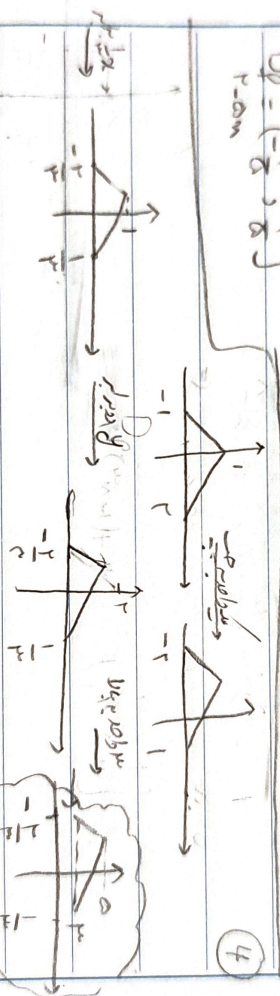
الصفحة

$D_{f(m)} = \begin{bmatrix} 1 & 1 & 1 \end{bmatrix} \rightarrow x \leq \frac{1}{a} m \leq x \rightarrow -1 \leq m \leq 1$
 $\rightarrow -1 \leq x \leq 1 \rightarrow -1 \leq m \leq 1 \rightarrow D_{f(m)} = \begin{bmatrix} 1 & 1 & 1 \end{bmatrix}$

$f(-1) - f = -a - 1 = -a \rightarrow D_{f(m)} = \begin{bmatrix} 1 & 1 & 1 \end{bmatrix}$
 $f(1) - f = 1 = 1 \rightarrow D_{f(m)} = \begin{bmatrix} 1 & 1 & 1 \end{bmatrix}$

$f(-1) + 1 = -1 \rightarrow D_{f(m)} = \begin{bmatrix} 1 & 1 & 1 \end{bmatrix}$
 $\rightarrow -1 \leq x - a \leq a \rightarrow \frac{1}{a} \leq x - a \leq 1 \rightarrow \frac{1}{a} + a \leq x \leq 1 + a$

$D_f = \begin{bmatrix} -\frac{1}{a} & \frac{1}{a} \end{bmatrix}$



$g = a(x - x_0) + y_0 \rightarrow -\frac{1}{a}(x - x_0) + y_0 = y \rightarrow -\frac{1}{a}(x - x_0) + y_0 = y$
 $\rightarrow \frac{1}{a}(x - x_0) = y_0 - y \rightarrow x - x_0 = a(y_0 - y) \rightarrow x = a(y_0 - y) + x_0$

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Sa Su Mo Tu We Th Fr

$$-1 \leq x + y \leq 1 \quad -1 \leq y \leq 1 \quad -1 \leq x \leq 1 \quad (7)$$

$$\cos \theta = \frac{-1 + \frac{1}{x}}{y} = \frac{-x + 1}{xy} = -\frac{1}{y} \quad \rightarrow (a, b) = \left(-\frac{1}{y}, y\right)$$

$$\frac{1}{y} \cdot a \cdot b = -\frac{1}{y} \cdot x \cdot y = -x = -1 \quad \rightarrow x = 1$$

$$D_{g(n-1)} = (a+1, 0) \quad a+1 = -1 \rightarrow a = -2 \quad (8)$$

$$D_{g(n+1)} = (-1, b-1) \quad b-1 = 0 \rightarrow b = 1 \quad -2 \cdot a \cdot b = -2 \cdot (-2) \cdot 1 = 4$$

$$D_p \rightarrow \left\{ \begin{array}{l} -\frac{y}{x} + 1 = -\frac{1}{x} \\ \frac{y}{x} + 1 = \frac{y}{x} \end{array} \right\} \rightarrow D_p = \left[-\frac{1}{x}, \frac{y}{x} \right] \quad (9)$$

$$R_p \rightarrow [-1, 1] \xrightarrow{-x^y} [-1, 1] \xrightarrow{-y} [-0, 1] \rightarrow$$

$$\text{جواب در نقطه اول} \rightarrow R_p = [-0, \sqrt{0}]$$

$$\left| \frac{x-1}{y-1} + 1 + x < 0 \right. \Rightarrow \left| \frac{x-1}{y-1} + 1 - 1 - x \right| \quad \begin{array}{l} -1 - x > 0 \\ -1 > x \end{array} \quad (10)$$

$$|x-1| = 1-x \quad \rightarrow \frac{1-x}{1+x} < 0$$

$$|y-1| = 1-y \quad \rightarrow \frac{1-y}{1+y} < 0 \quad \rightarrow -1 < y < 1$$