

تکانه

ادغام

$$1) -f_1(p_1, p_2, p_3) \rightarrow -f_1(p_1, p_2, p_3) \rightarrow -f_1(p_1, p_2, p_3) \quad (1)$$

$$\Rightarrow Df_1 = \left[-\frac{p_1}{p_2}, \frac{p_2}{p_1}\right]$$

$$2) n = f \Rightarrow (-f_2(p_1)) \rightarrow p_1 = -1 \quad n = f_2(p_1) \rightarrow p_1 = 1$$

$$\Rightarrow Df_2 = [-1, -1]$$

$$n = \sqrt{n-1} \xrightarrow{\text{تفاضل جزئی}} n = \sqrt{n-1} - 1 \xrightarrow{\text{قرینه}} \quad (2)$$

$$n = \sqrt{n-1} - 1 = n \Rightarrow \sqrt{n-1} = 1 \Rightarrow n-1 = 1 \Rightarrow n = 2$$

$$\Rightarrow y = 1$$

$$f(n) \rightarrow \frac{f_1(f)}{p} \rightarrow \frac{f_1(f)}{p} \rightarrow \frac{f_1(f)}{p} \rightarrow \frac{f_1(f)}{p} \quad (3)$$

~~ارشاع~~
3x0f6

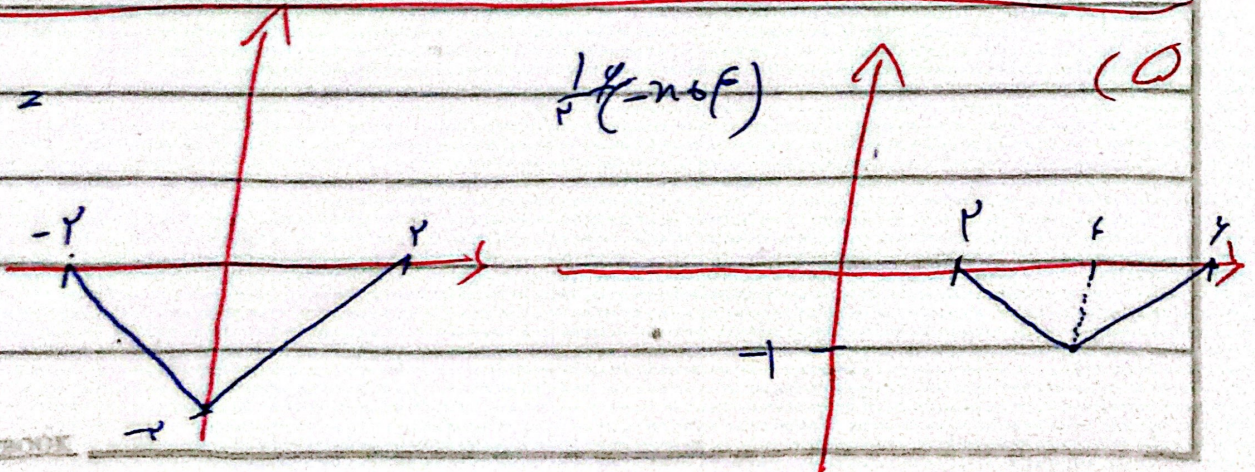
$$\frac{n}{p} \rightarrow n = a \Rightarrow a = f(p) = a \quad (4)$$

$$\Rightarrow a = f, p = a \Rightarrow a = f$$

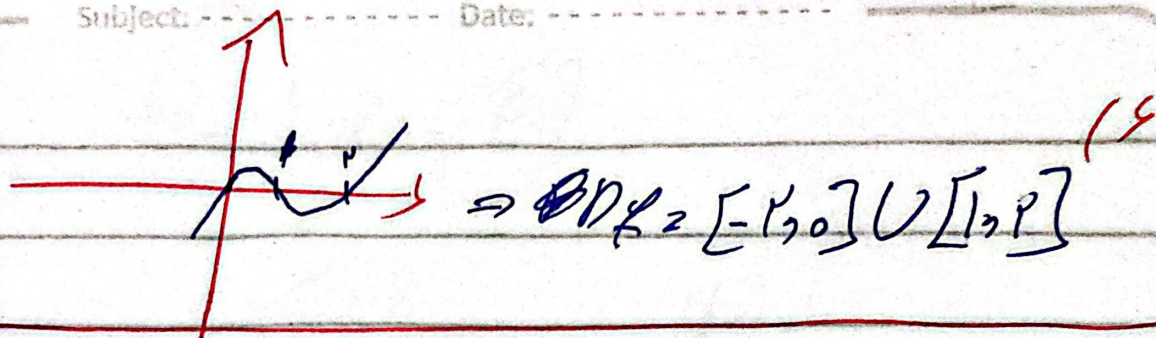
$$f(n) =$$

$$\frac{1}{p}(f - n \cdot f)$$

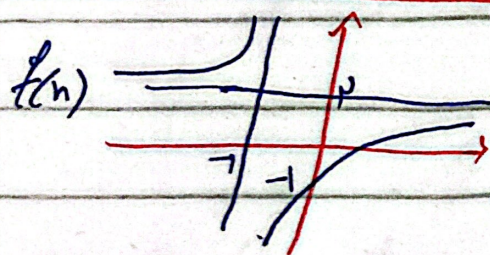
(5)



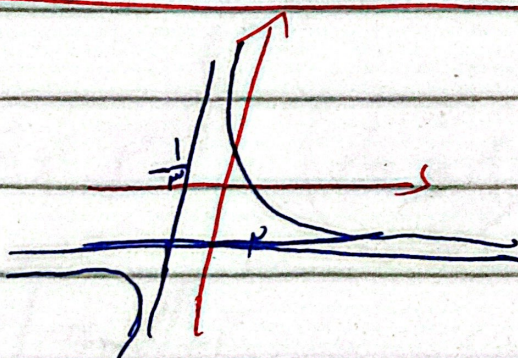
$$f(x) =$$



$$|x - \frac{1}{2}| \rightarrow |x - \frac{1}{2}| = \frac{1}{2} \Rightarrow x = 0, x = 1$$

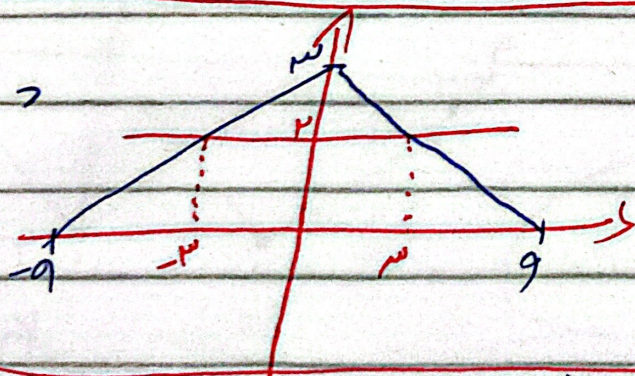


$\Rightarrow$



$\Rightarrow$ فراوانی است

$$f(x) =$$



$$\Rightarrow \int_{-a}^a f(x) dx = \frac{1}{2} a^2$$

$$\frac{1}{2} = \frac{(a-x)^2}{2} + \frac{f(x)}{2} \Rightarrow (a-x)^2 > 1 \Rightarrow a, x$$

$$\Rightarrow f\left(\frac{1}{x}\right) = \frac{1}{x}$$