

باب انوری

08

09 $f' = 4n^2 - 4n - 12 = 0 \Rightarrow n^2 - n - 3 = 0 \Rightarrow n < -1$

10 $f_{(-1)} = 1 \mid f_{(1)} = -19 \mid m_{AB} = \frac{-2\sqrt{3}}{3} = -\frac{2\sqrt{3}}{3} = f'$

11 $4n^2 - 4n - 12 = -9 \Rightarrow 4n^2 - 4n - 3 = 0 \Rightarrow \Delta > 0$

اینجا روی محور دارم

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13 $V - F' = 2kn^2 + 2(k+1)n \Rightarrow F'' = 4kn + 2k + 2 = 0 \Rightarrow$

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14 $\frac{-(2k+2)}{4k} < 0 \Rightarrow \frac{-1}{2k} < 0 \mid k < 0 \Rightarrow k < -1 \mid x = \frac{-(k+1)}{2k}$

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16 $f_{(x)} = k \times \left(\frac{-(k+1)}{2k} \right)^2 + \frac{(k+1)}{2k} = \frac{2(k+1)^2}{4k^2} > 0 \Rightarrow k > -1$

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$\text{I} \cap \text{II} \rightarrow \emptyset$ هیچ مقدار ک نیست

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19 $\Delta - f'' = 4n + 2a = 0 \Rightarrow a = -2n \mid f_{(1)} = a - b - 2 = -\epsilon \Rightarrow$

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20 $\Rightarrow b = 0 \Rightarrow \frac{a}{b} = \frac{2}{0}$

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21 $9 - f_{(1)} = \epsilon \Rightarrow c = \epsilon \mid f_{(1)} = 0 \Rightarrow b = 0 \mid f_{(1)} = 2n^2 + 2an = 0 \Rightarrow$

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22 $n(2n + 2a) = 0 \Rightarrow n = -\frac{2}{2}a \mid f_{n=0} = \left(-\frac{2}{2}a\right)^2 + a\left(-\frac{2}{2}a\right) + \epsilon =$

22

$\frac{-1}{2}a^2 + \frac{\epsilon}{2}a^2 + \epsilon = \frac{\epsilon}{2}a^2 + \epsilon = 0 \Rightarrow a = -2 \mid x_{\min} = \frac{-2a}{2} = 2$

1. - $F' = \epsilon n^2 - 12n \quad | \quad F'' = 12n - 12$

$F'' = 0 \Rightarrow C | 0 \quad D | 0 \quad | \quad F' = \epsilon n (n + \sqrt{3}) (n - \sqrt{3})$

$\sqrt{3}$	$\sqrt{3}$
↓	↑

$A | \sqrt{3} \quad B | -\sqrt{3} \quad | \quad m_{AB} = 0 \quad m_{CD} = 0 \Rightarrow$

زاویه سن افقی = 0
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