

$$(1, -2), (1, a+1) \rightarrow a+1 = -2 \rightarrow a = -3$$

-2

$$f_{(-3)} + 2f_{(1)} = 3f_{(1)} \rightarrow -4 + 2b = -4 \rightarrow \boxed{b = 0}$$

خرج لسه عايشت انه بين y_1 و y_2 هم علاقتهم!

5 ب

$$\left. \begin{aligned} n &= \frac{y_1}{\sqrt{1-y_1^2}} \\ n &= \frac{y_2}{\sqrt{1-y_2^2}} \end{aligned} \right\} \Rightarrow \frac{y_1}{\sqrt{1-y_1^2}} = \frac{y_2}{\sqrt{1-y_2^2}} \xrightarrow[\text{طرفين وسطين}]{\text{توان 2}} y_1^2 - y_1^2 y_2^2 = y_2^2 - y_1^2 y_2^2$$
$$y_1^2 = y_2^2$$

y_1 و y_2 هم علاقتهم

$$\boxed{y_1 = y_2}$$

تابع هست!