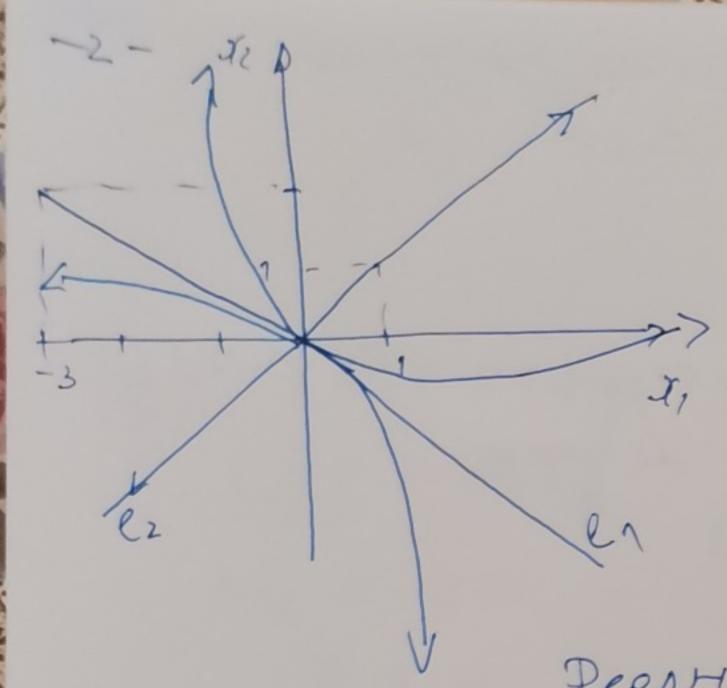
oba 30 by nopipery ma surreinty xono remuy a suy \\ \frac{1}{21} = 911 \text{3(1} + 912 \text{3(2)} arj E 12 1 5(2 = 921 X1 + 922 3(2 Оспонна и пформедия зе фенонует портрет дова, собатыше стойности и  $A = \begin{pmatrix} 911 & 912 \\ 921 & 922 \end{pmatrix}$ Bosmonchu ce meditive junione dosoby napipery -> neggorius besen 04 /24 /1 Openy upes nevenoro Il coodher heuro 21/ lez 1/ Monnies 21-521-3222 2= -2 x1 +4 x2  $A = \begin{pmatrix} 5 & -3 \\ -2 & 4 \end{pmatrix} \rightarrow |A - \lambda \overline{t}| = 0$ Hence  $\lambda_1 = 7$   $\frac{C \cdot B}{h^2}$   $h^2 = \begin{pmatrix} d1 \\ h1 \end{pmatrix} \neq \vec{3}$ ?  $\begin{pmatrix} -2 & -3 \\ -2 & -3 \end{pmatrix} \begin{pmatrix} d1 \\ \beta1 \end{pmatrix} = \begin{pmatrix} 0 \\ 0 \end{pmatrix}$  $(A-7E)L^{1}=\overline{O})$  $-221-3 \beta_1 = 0$  $h^1 = \begin{pmatrix} -3 \\ 2 \end{pmatrix}$ AFRICATION  $\lambda_2 = 2$   $\stackrel{C.B}{=} 1$   $\begin{pmatrix} \beta^2 \\ \beta^2 \end{pmatrix} = \begin{pmatrix} 0 \\ \beta 2 \end{pmatrix} = \begin{pmatrix} 0 \\ 0 \end{pmatrix} \Rightarrow \begin{pmatrix} 3-3 \\ -2 & 2 \end{pmatrix} \begin{pmatrix} 2 \\ \beta^2 \end{pmatrix} = \begin{pmatrix} 0 \\ 1 \end{pmatrix}$ (A-2E) $\begin{pmatrix} d_2 \\ \beta 2 \end{pmatrix} = \begin{pmatrix} 0 \\ 0 \end{pmatrix} \Rightarrow \begin{pmatrix} 3-3 \\ -2 & 2 \end{pmatrix} \begin{pmatrix} 2 \\ \beta^2 \end{pmatrix} = \begin{pmatrix} 0 \\ 1 \end{pmatrix}$  $\frac{C.B}{h^2} = \left(\frac{d_2}{p_2}\right) + \frac{3}{9}$ 



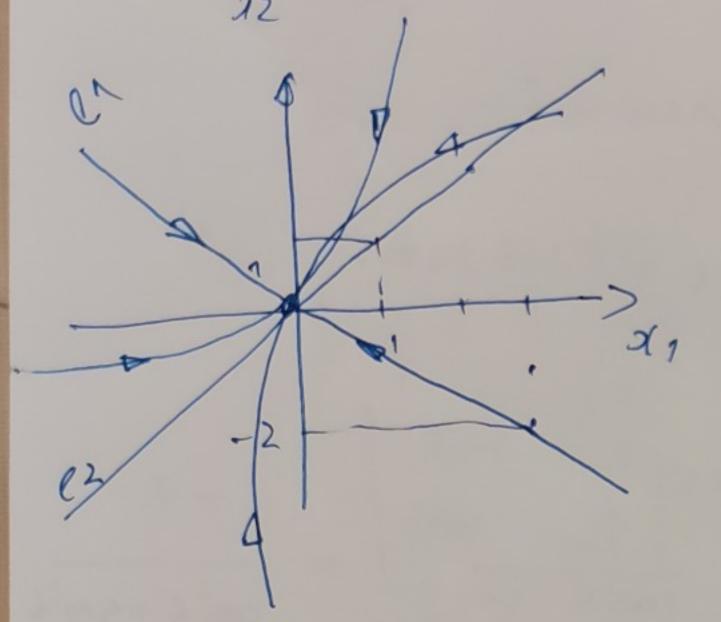
Hezaroùrer 5 565011

PERNHY COSCIBENTY COOGREDORY

0> /2 > 17 - Janour unb beben

Пример 
$$\hat{x}_1 = -5011 + 3 2$$
  
 $\hat{x}_2 = 221 - 422$ 

$$\lambda_1 = -7$$
,  $\lambda_2 = -2$   
 $h' = \begin{pmatrix} 3 \\ -2 \end{pmatrix}$ ,  $h' = \begin{pmatrix} 1 \\ 1 \end{pmatrix}$ 

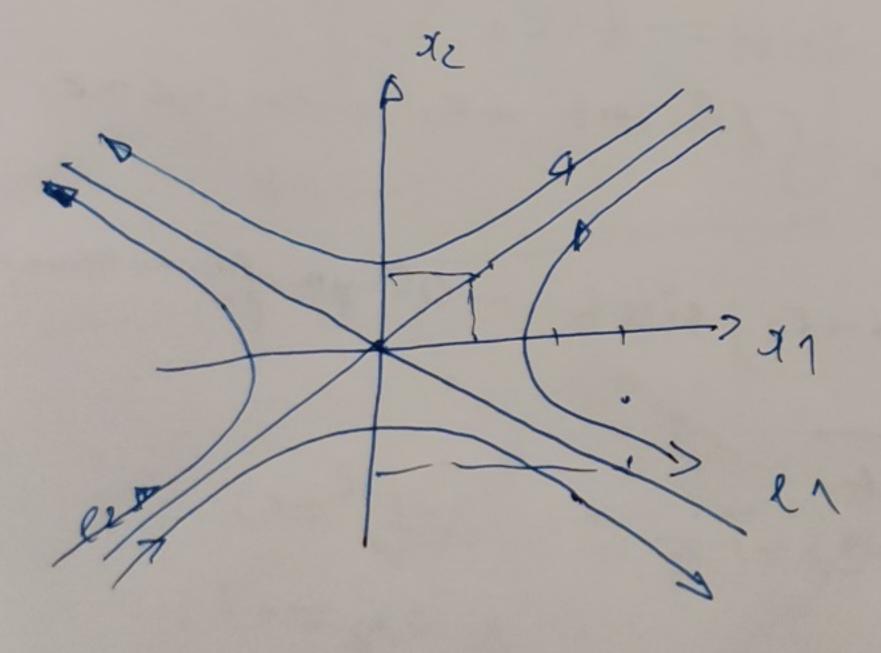


Deerny coocherry corrects  $\lambda_1 > 0 > \lambda_2$ Coo No

$$\hat{\chi}_1 = 2\chi_1 - 3\chi_2$$

$$\hat{\chi}_2 = -2\chi_1 + \chi_2$$

$$\lambda_1 = 4 - 5 h^2 = \begin{pmatrix} 3 \\ -2 \end{pmatrix}$$
 $\lambda_2 = -1 - 5 h^2 = \begin{pmatrix} 1 \\ 1 \end{pmatrix}$ 



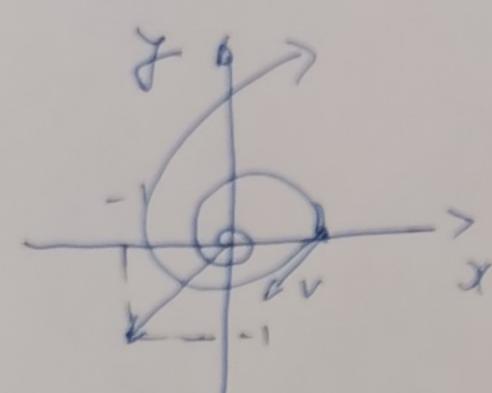
Комилесну собатьен гина, А) М:2= 9± с 5

A) M:2= 9±15 eso - Hegeraingty

pokyc

14: 15 = - x+87

11:2 = 1±2i -

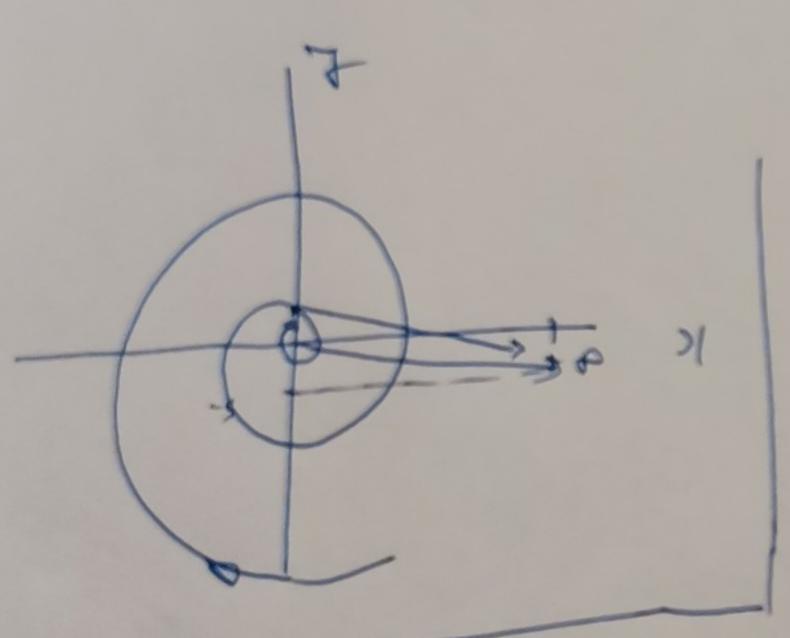


x = 1 y = 0 x = -1 y' = (-1)y' = (-1)

B) Q 20 - Jusoin zub fokyc

(D) / S = x - 877 S = x - 37 M:2 = -1 ± 21

3 = 0 3 = -P 3 = 1 3 = -3



 $Q = 0 - \gamma e u rep$   $Q = -3 \times + 5 \gamma$   $Q = -3 \times + 5 \gamma$   $Q = -5 \times + 3 \gamma$   $X = \pm 4i$  Q = 1 Q = 1 Q = 1 Q = 1 Q = -2