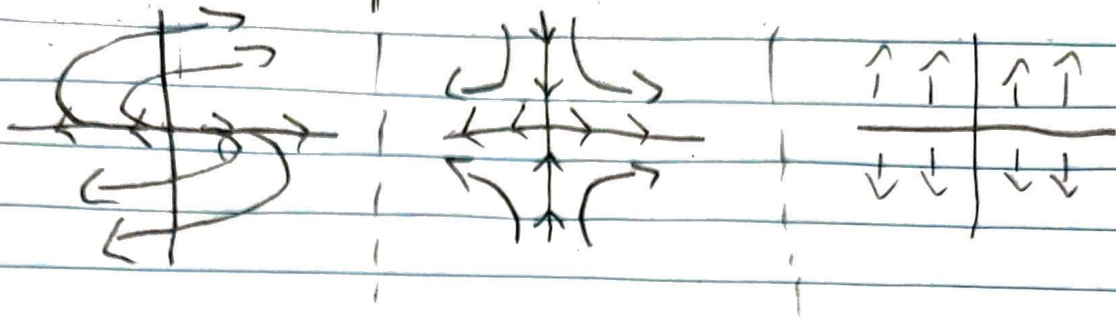


#1

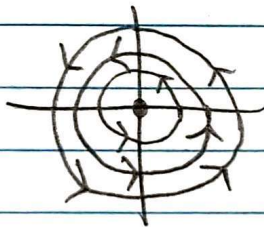
$a=1 \quad \lambda=1 > 0$ $a=-1$ $a=0$
 degenerate source $\lambda_{1,2} = \pm 1$ saddle $\lambda_1=1 \quad \lambda_2=0$ source



#2 $\lambda \in \mathbb{C}, \text{Tr}(A) < 0$



#3 $\lambda \in \mathbb{C}, \text{Tr}(A) = 0$



#5 $\lambda \in \mathbb{C}, \text{Tr}(A) > 0$ Spiral source

