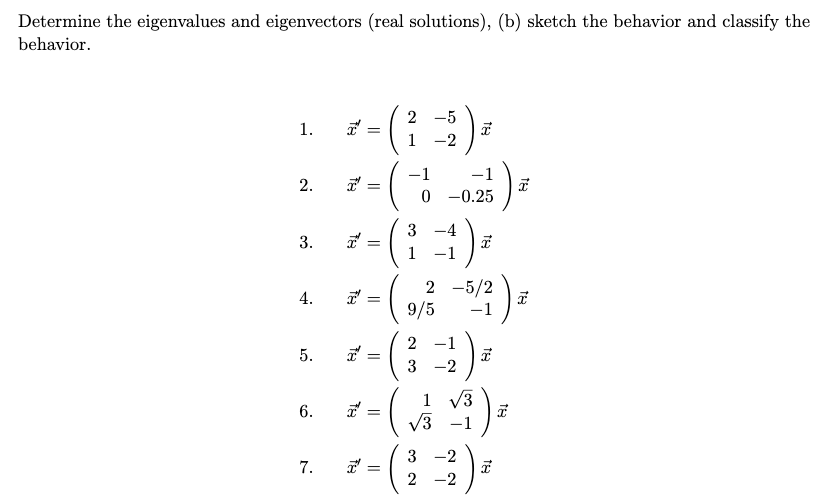
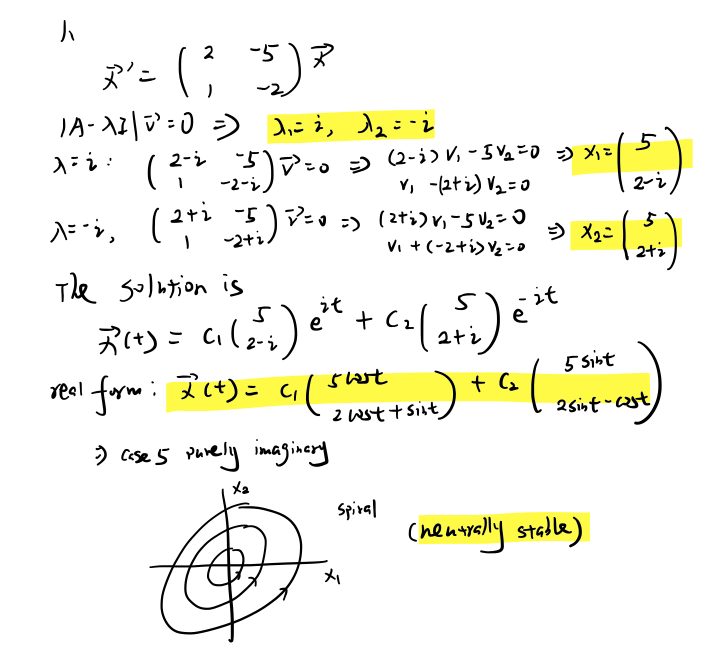
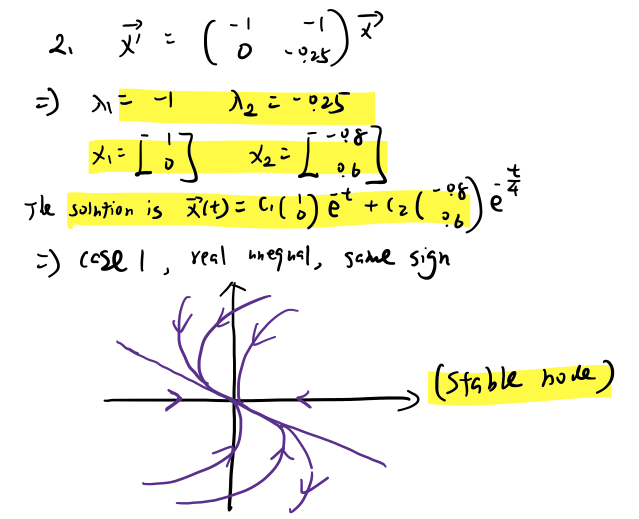
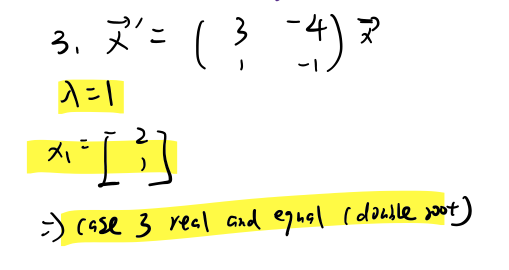
HW1

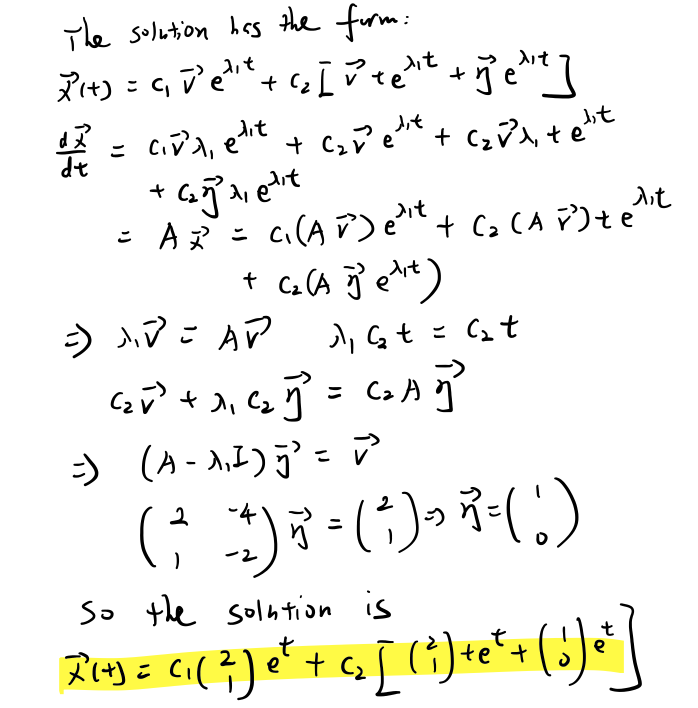
Mingcheng Wang

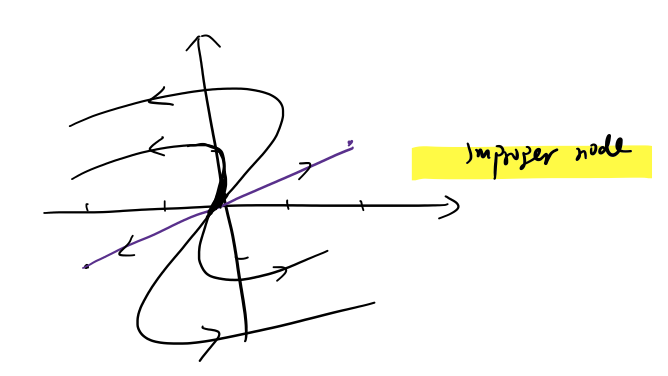


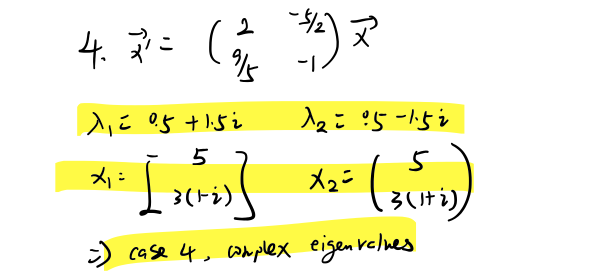


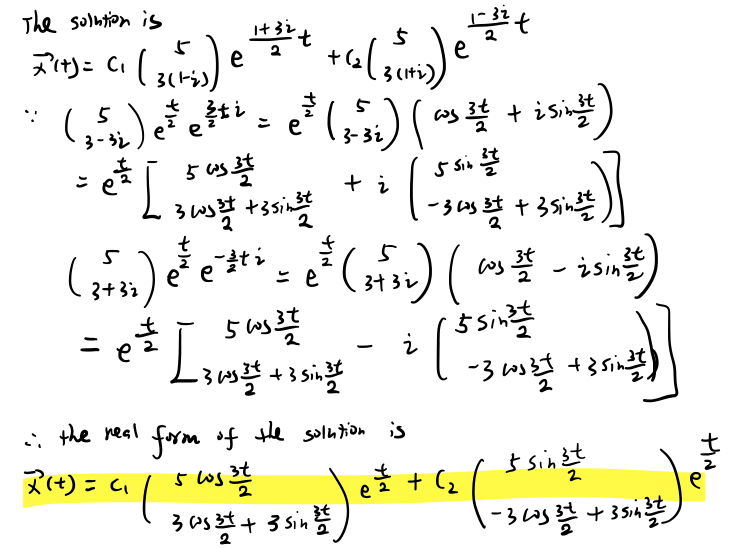


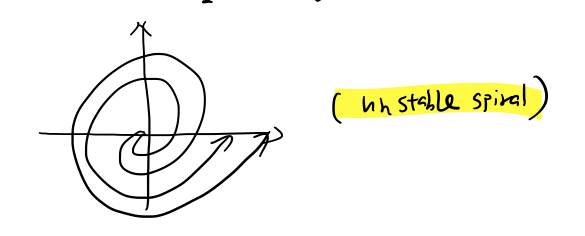


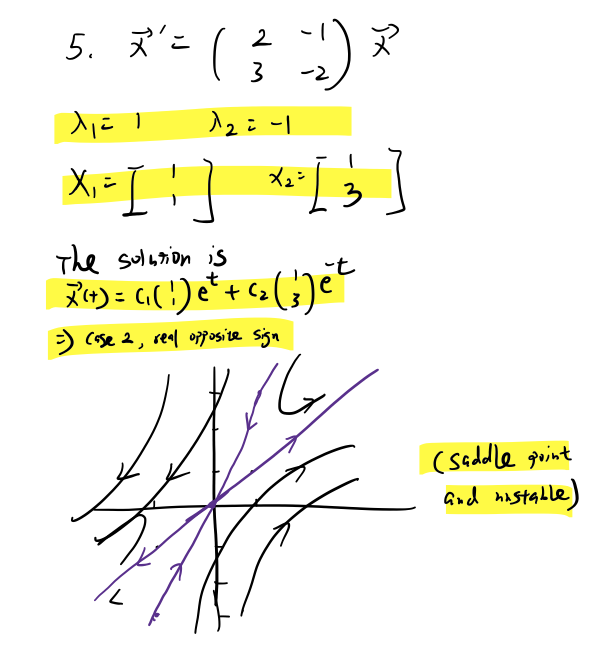


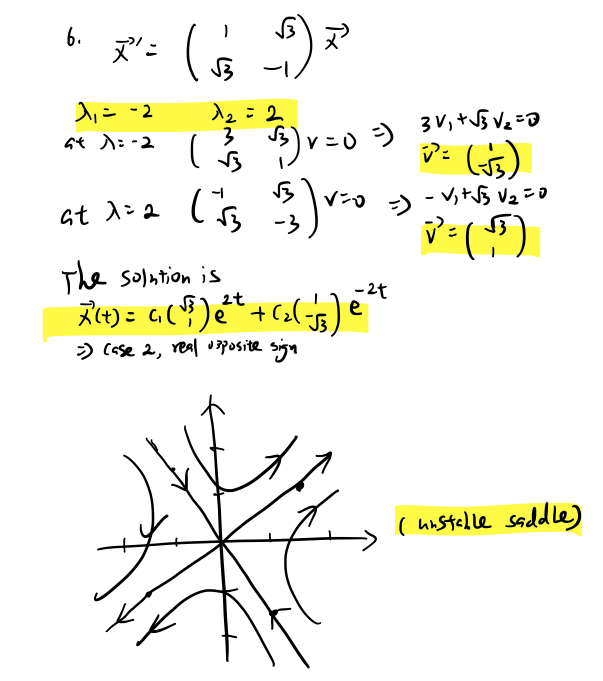




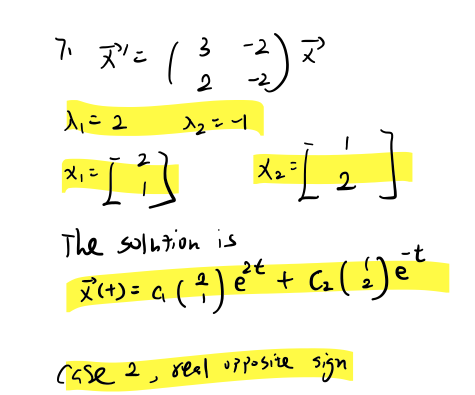


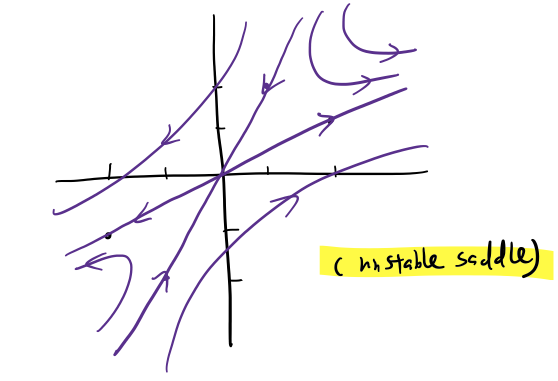


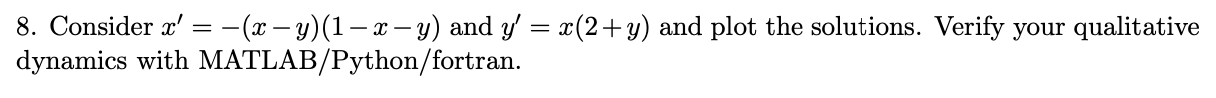


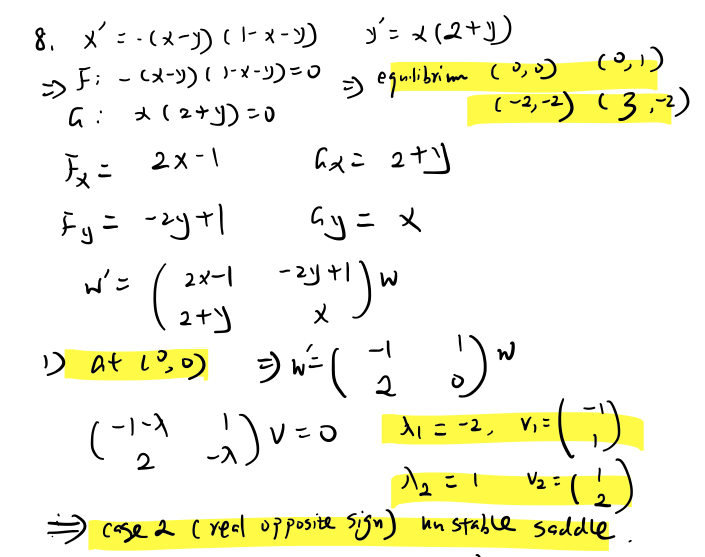


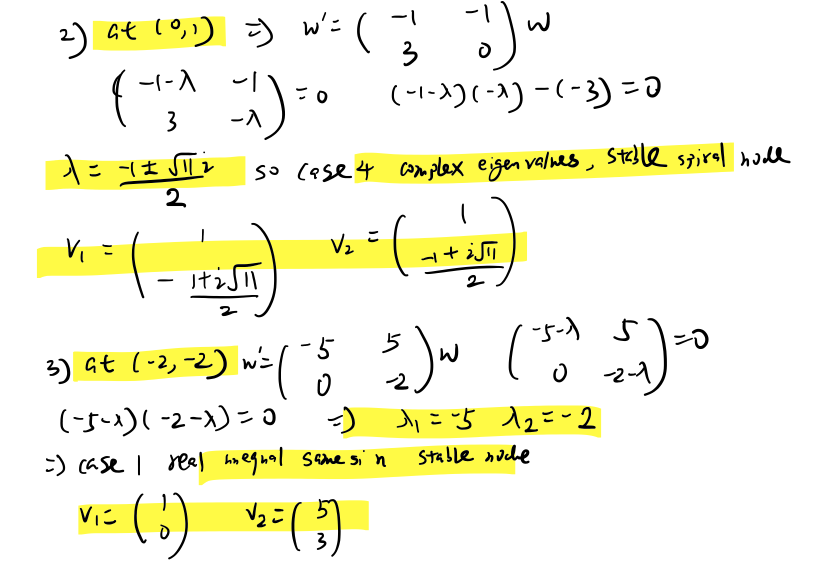
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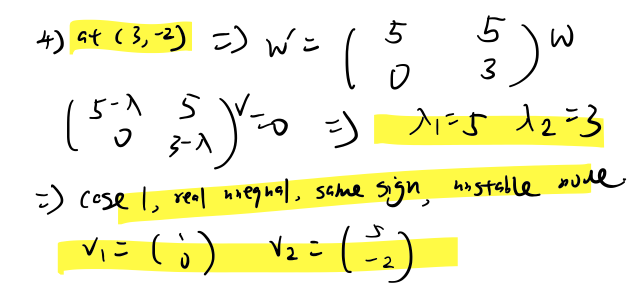




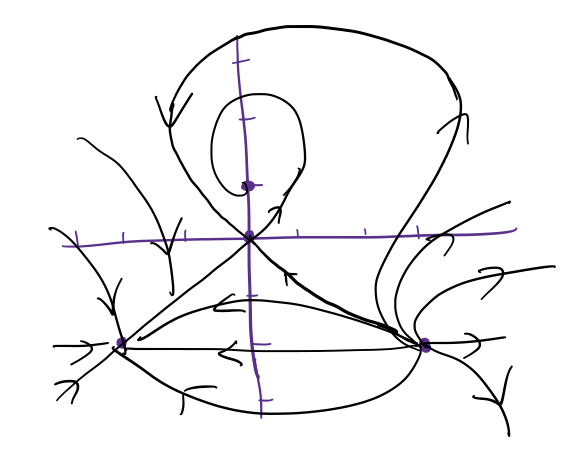




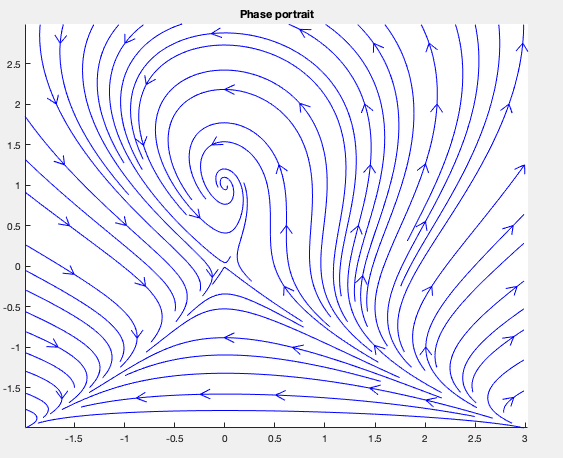




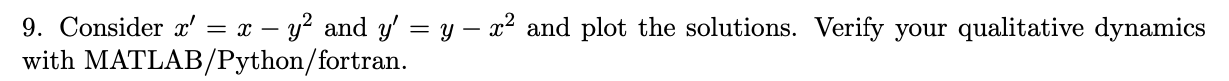
Here are solutions plotted.

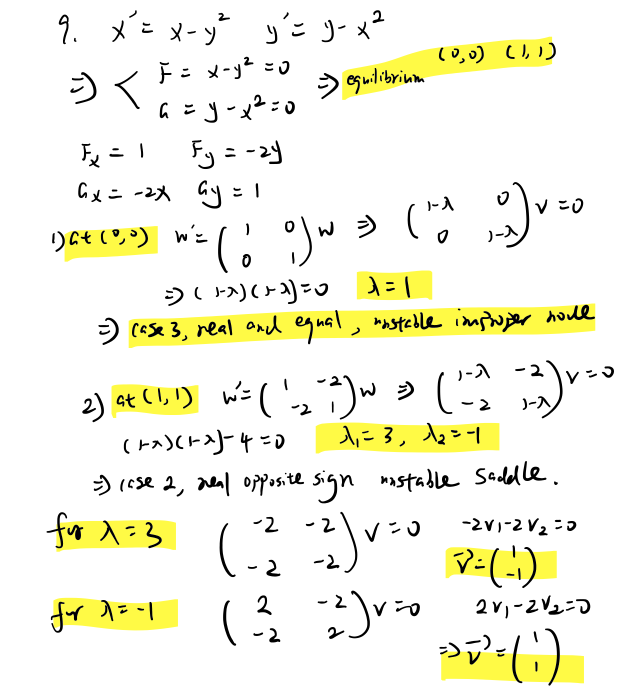


The Matlab code could be found at the file uploaded or at the GitHub directory ().

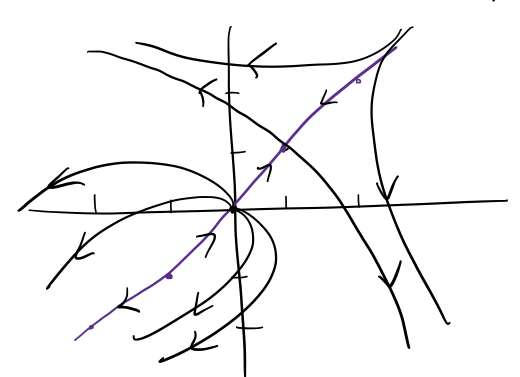


Through comparison, we could find the solutions I plot are similar to the result calculated by MATLAB.

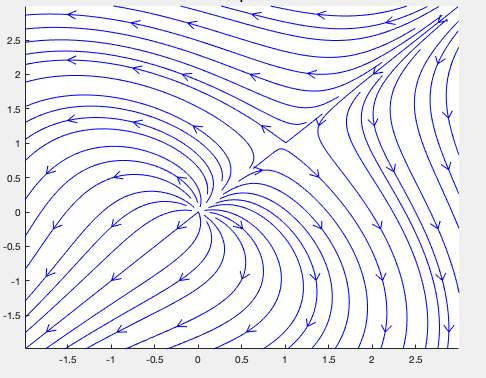


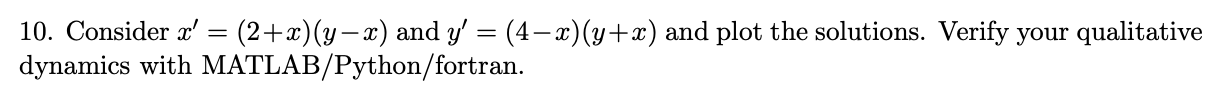


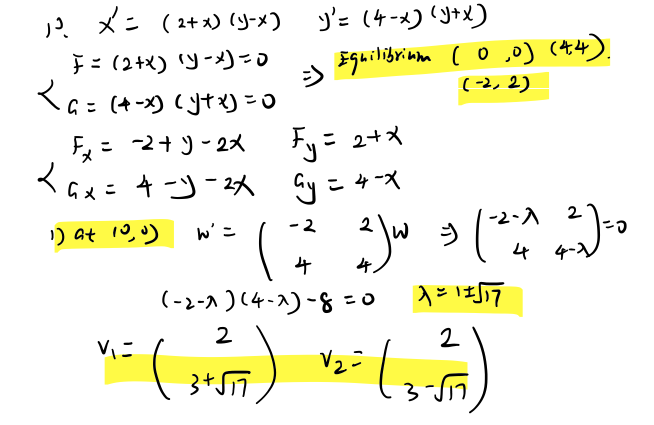
Solutions plot:

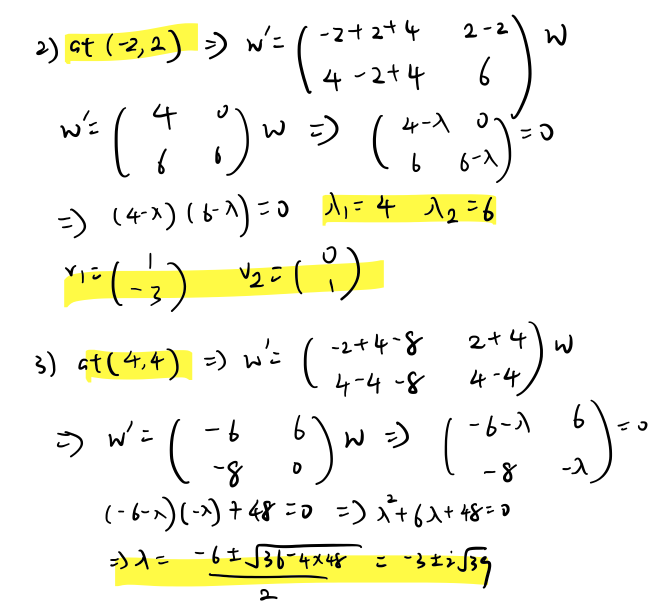


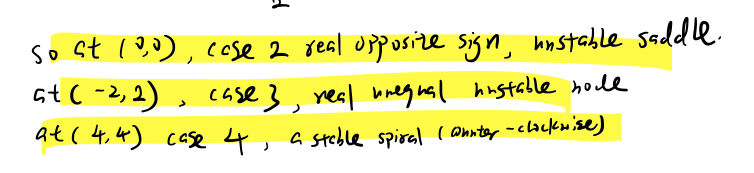
Verified by the MATLAB code (see attached file or GitHub directory)



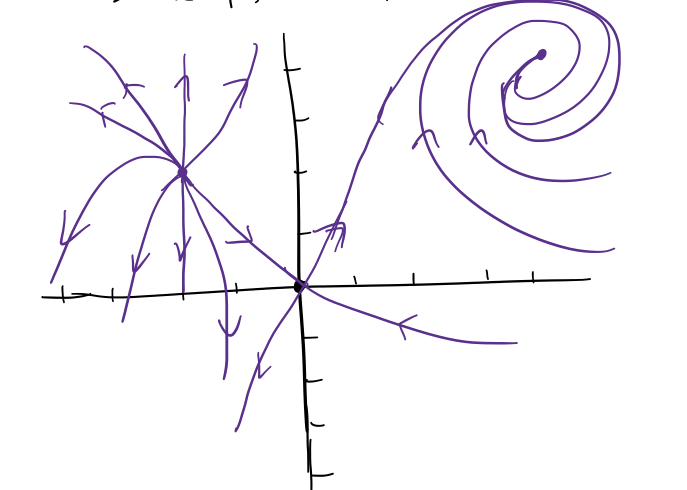








Solutions plot:



Verified by MATLAB:  
