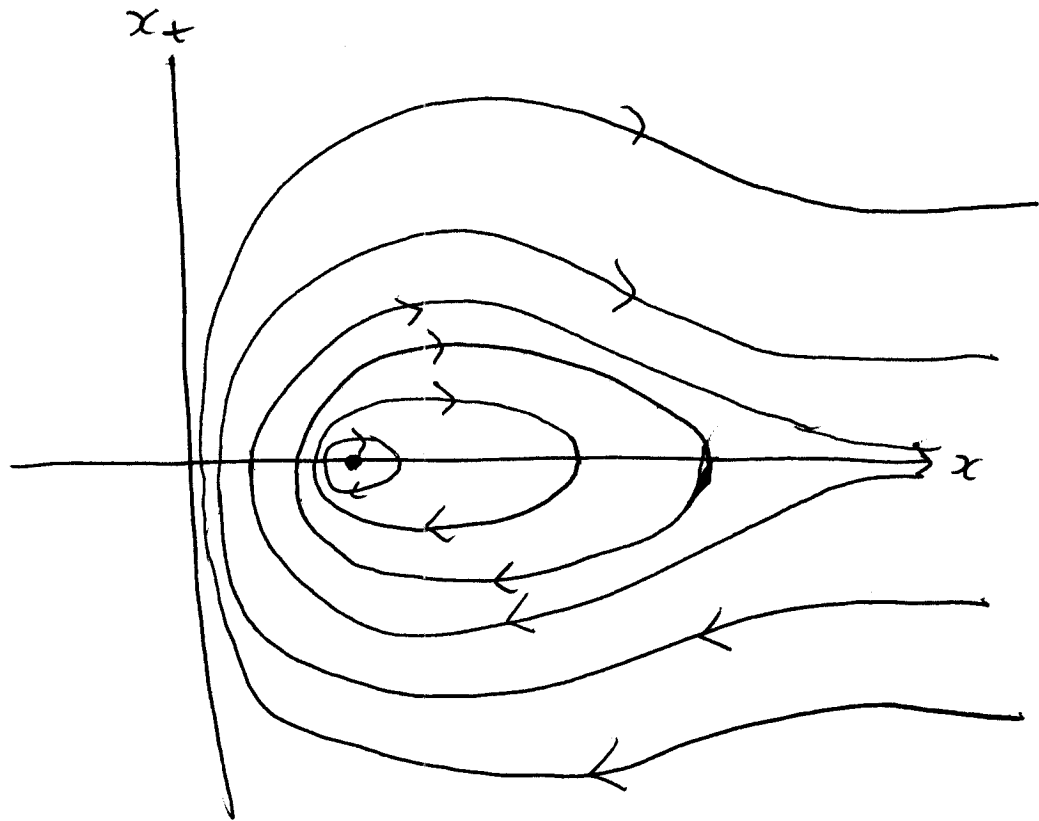
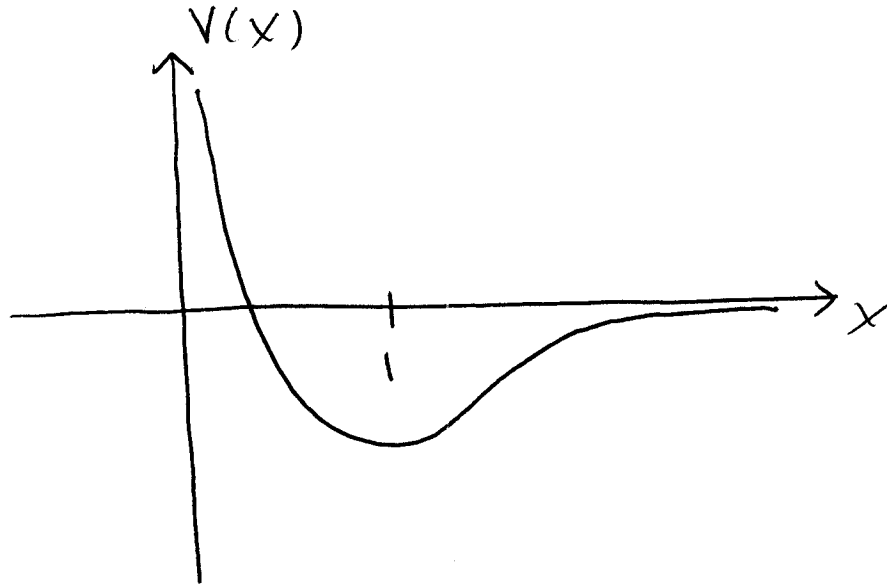


FINAL SOLUTIONS: M207, Fall 2011

1.

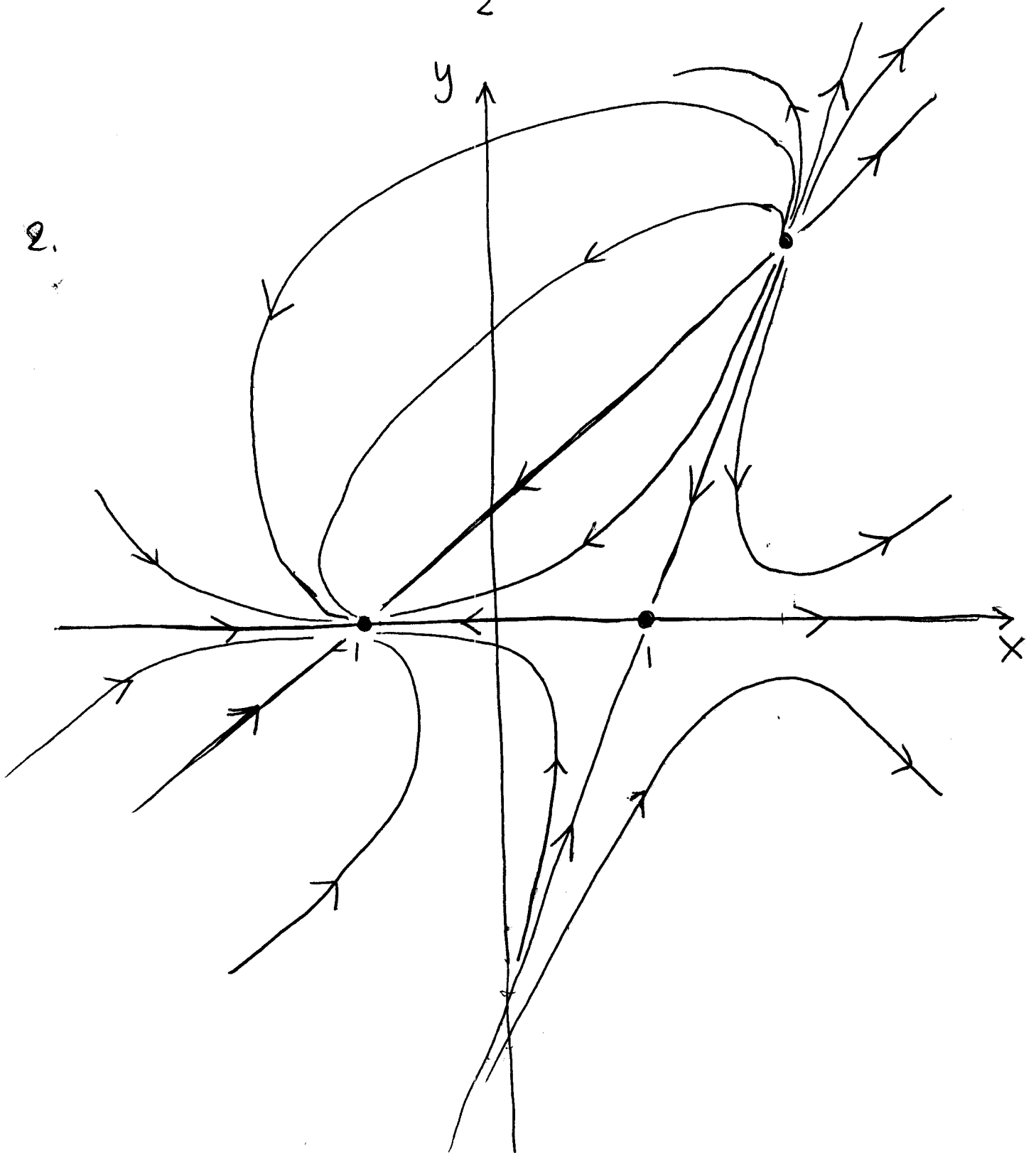


2

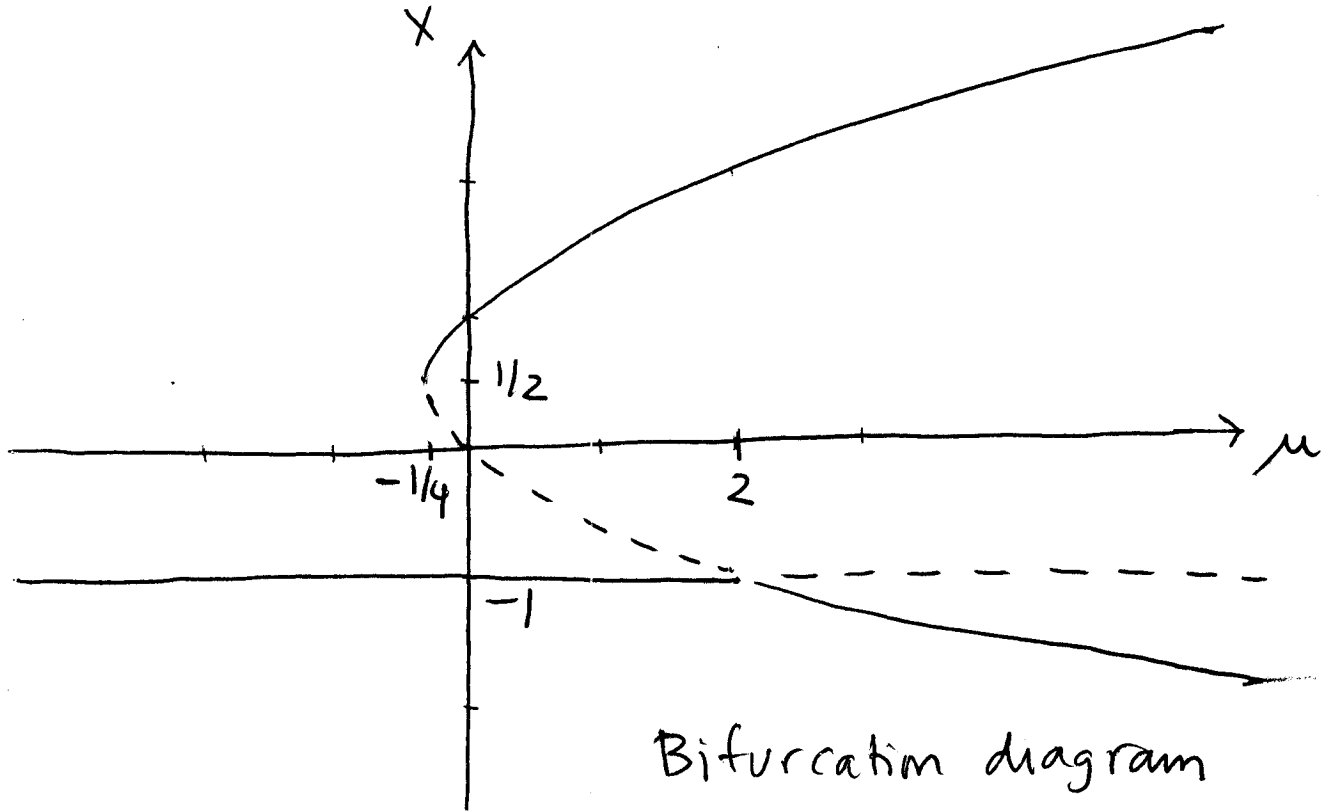
y

x

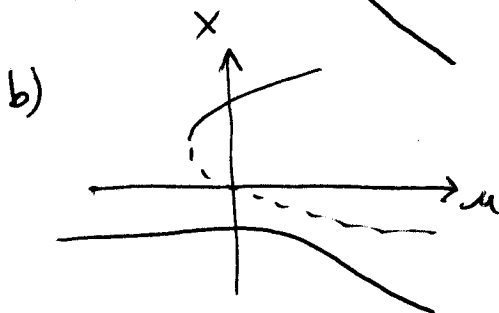
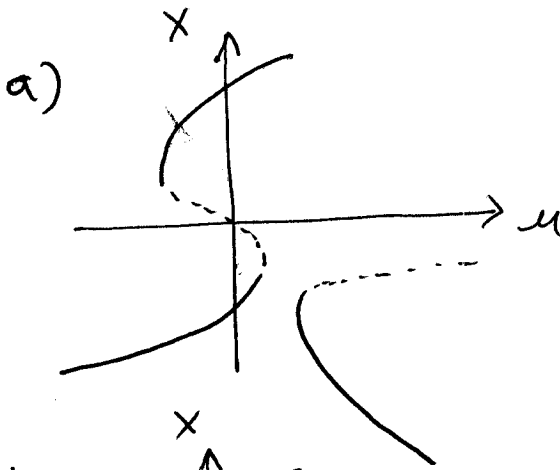
2.



3.



Imperfect bifurcations:



Phase lines:

