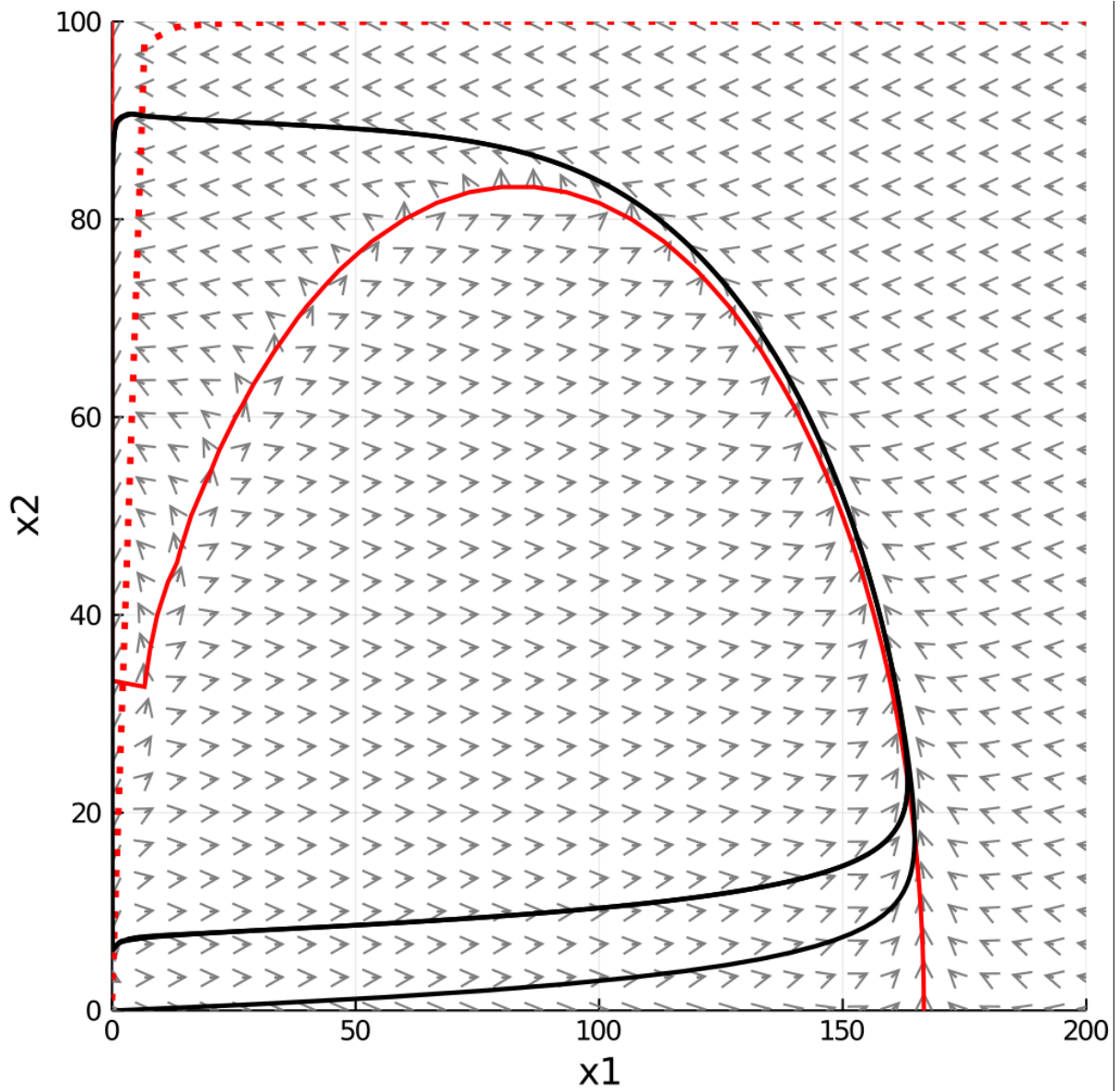


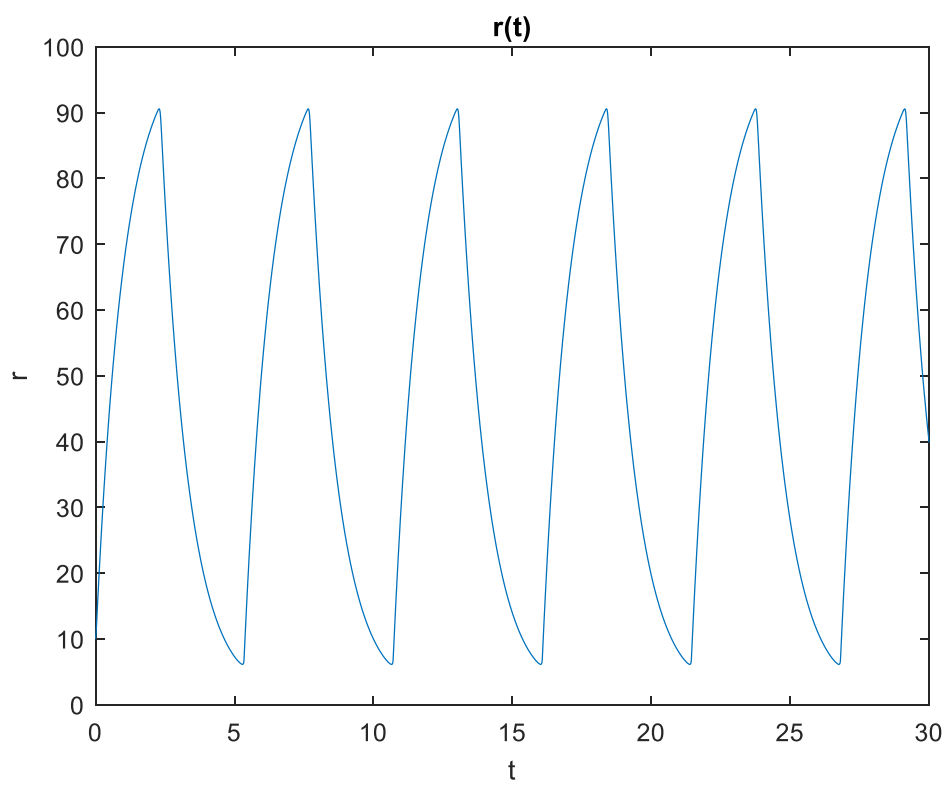
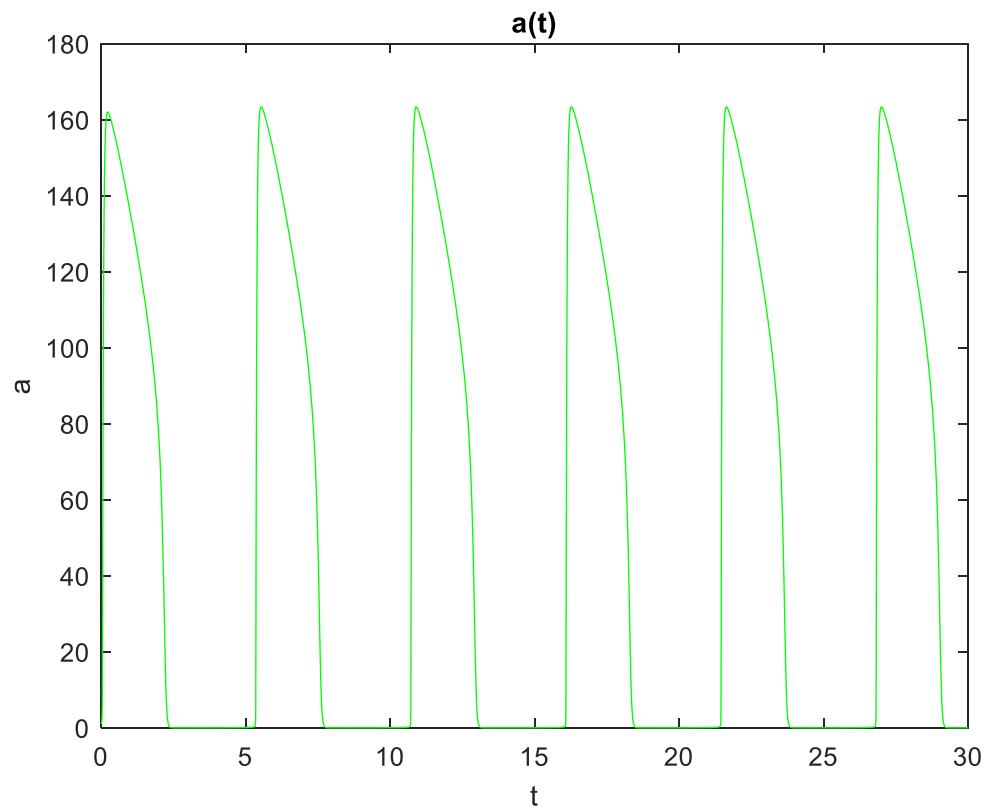
2.

b.

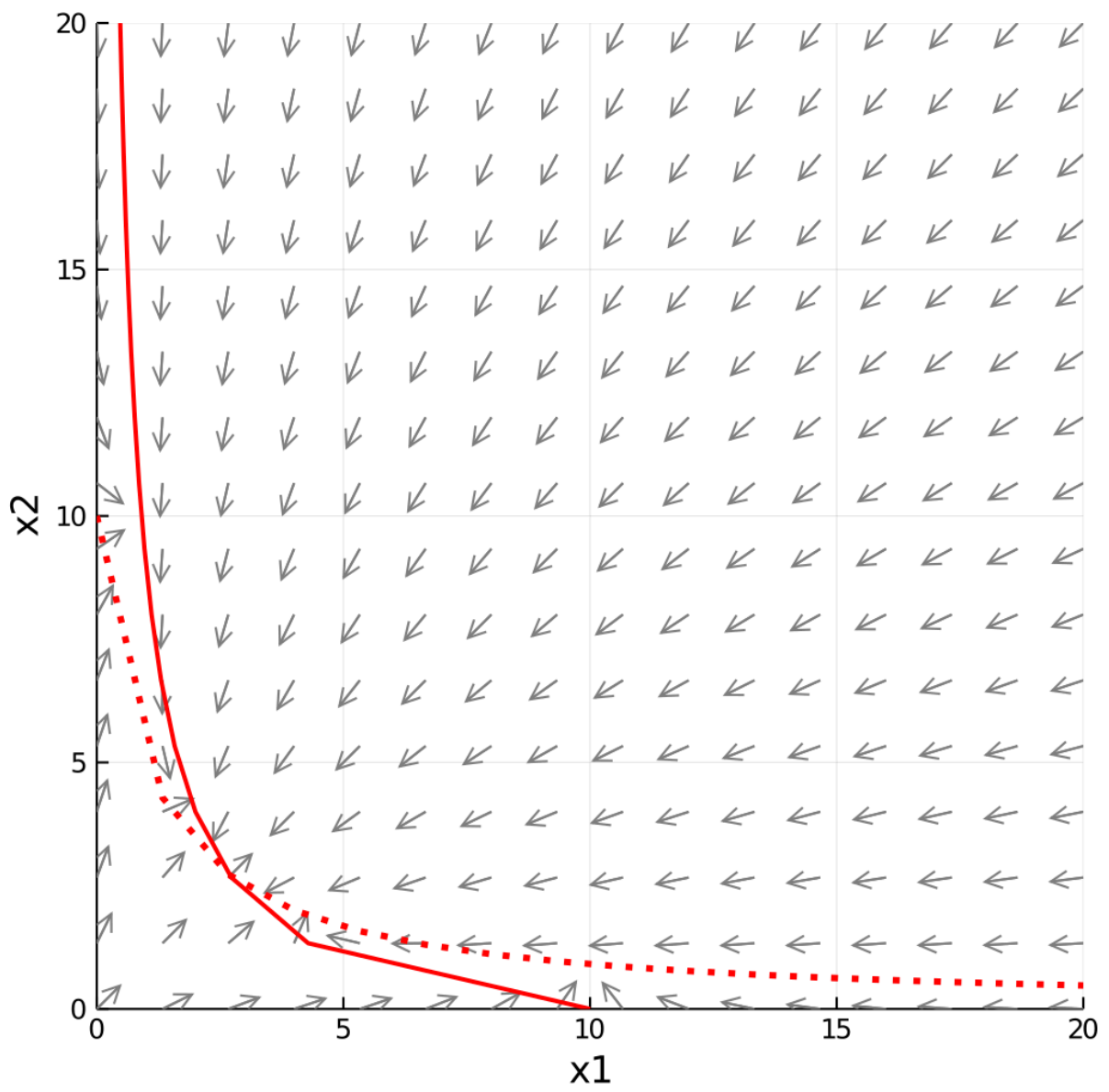


e.

MATLAB code developed with help from Abhishek Mangipudi.



3.  
b.  
For  $n=1$



For  $n=2$

