Problem Set 1 Saturday, August 25, 2018 5:03 PM

Problem 1 (5 points) Solve x'= ax by separation of variables to get that x= kpat for some R.

Problem 2 (5 points) Use separation of variables to solve $x^{1}=\alpha \times (1-x)$ and then impose the initial condition X(0)=u to get x= u/(u+(1-u) eat)

Problems from the book

2 6) & (5 points)

3(b), 5, 10 (5 points each)