HOMEWORK Jun Cheng September 8, 2015

## Problem 0: Homework checklist

For equation  $f(x) = e_{-x} - x = 0$ 

f(0) = 1 and  $f(1) = e_{-1} - 1 < 0$ . Also function f(x) is continuous monotonic decreasing function. Therefore there must be a root on the interval (0,1)