

## HOMEWORK 9

due date: December 19, 2018

Find maximum and minimum of the function  $f$  on the given interval.

1.

$$f(x) = 2x^3 - 9x^2 + 12x + 6, \quad [0, 3]$$

2.

$$f(x) = xe^{-x}, \quad [0, 2]$$

(2 × 1 point)