

Lab Assignment 1

MATHEMATICS II: INTEGRAL CALCULUS & DIFFERENTIAL EQUATIONS (MAT120)

Find the minima and maxima of the following functions at a given interval

- 1. $y= 9x^3-7x^2+3x+10$ in the interval [-5, 6]
- 2. y= ln x [-5, 6]
- 3. y= sin x [-5, 6]
- 4. y= cos x [-5, 6]
- 5. y= tan x [-5, 6]