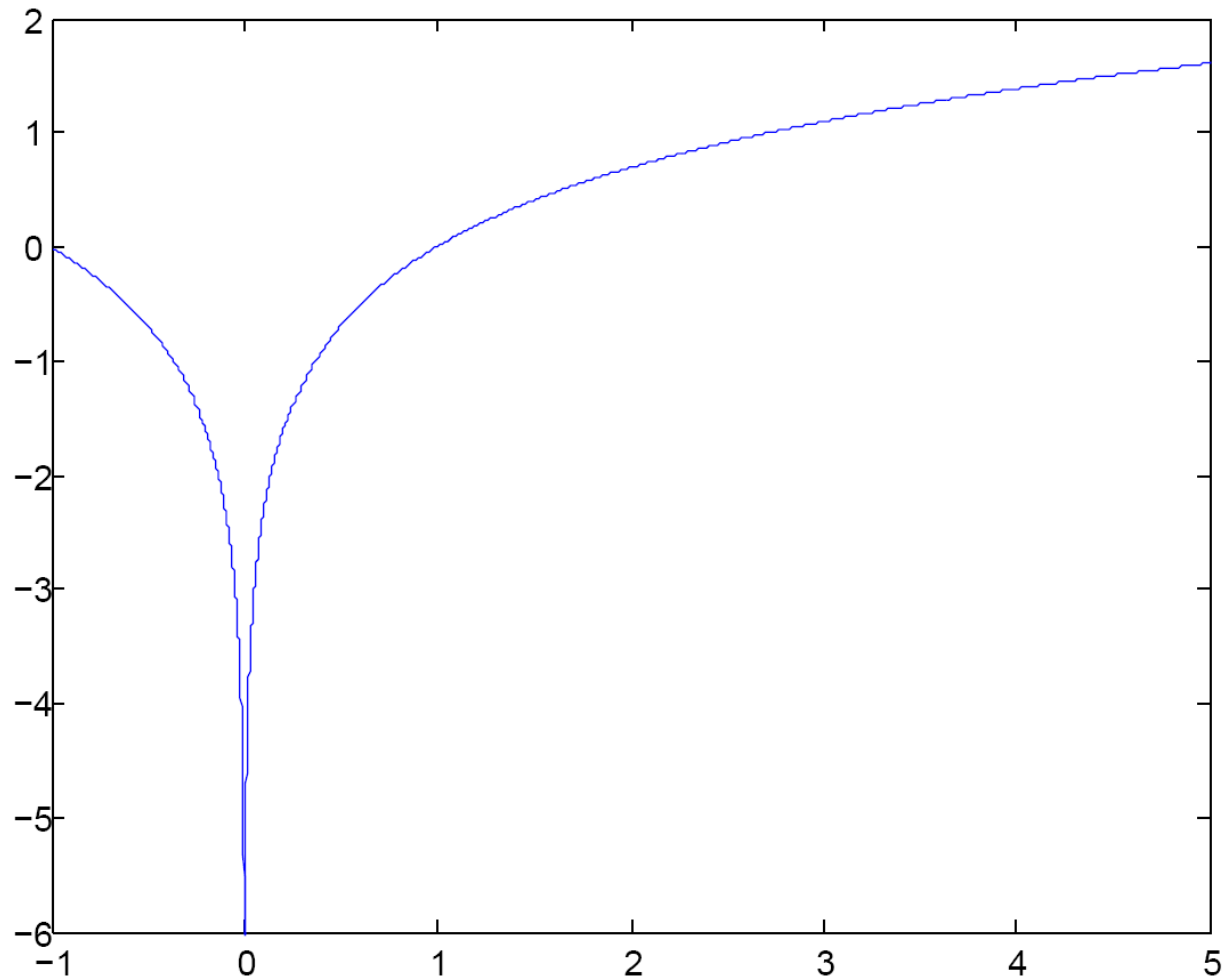
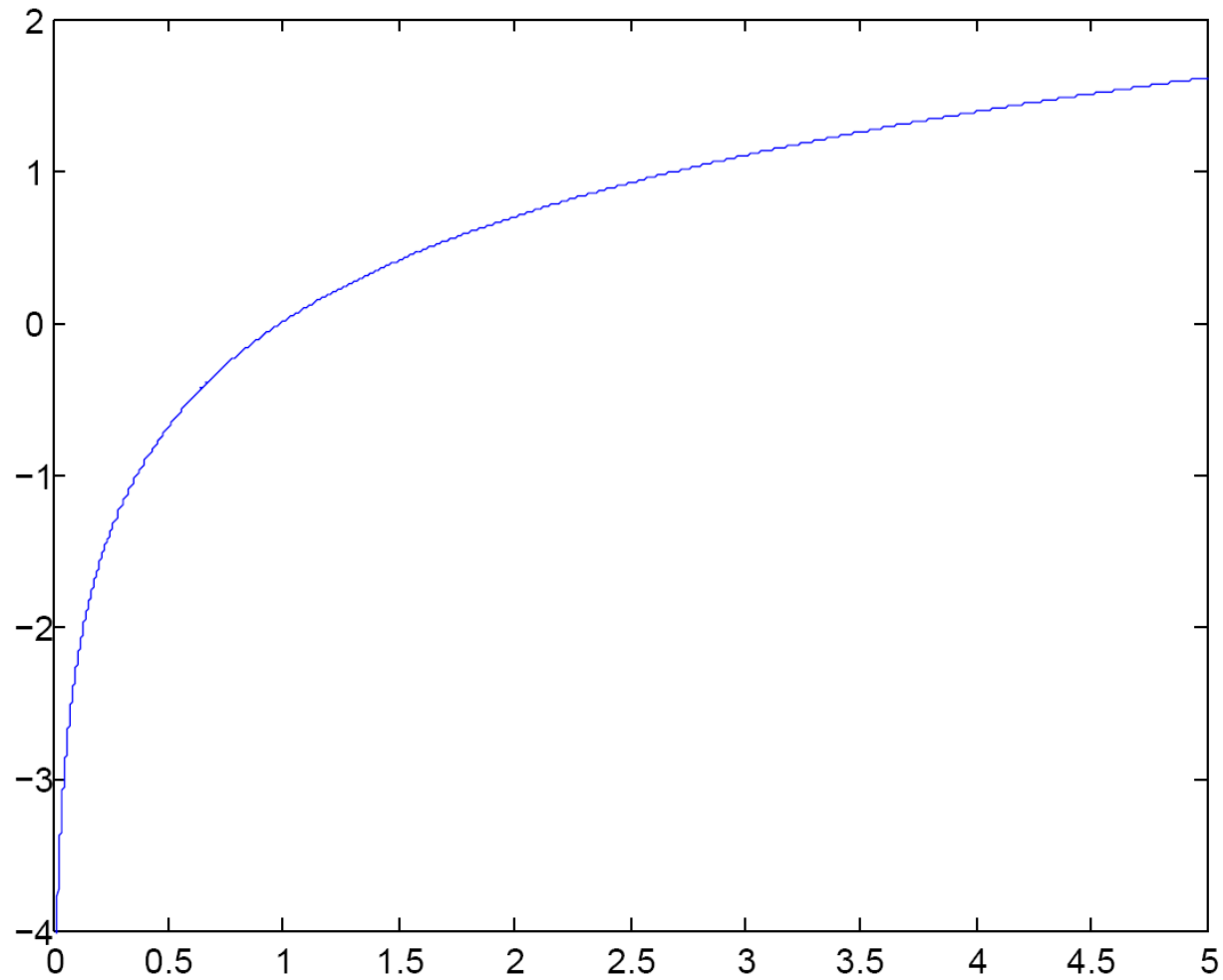


Lecture 27

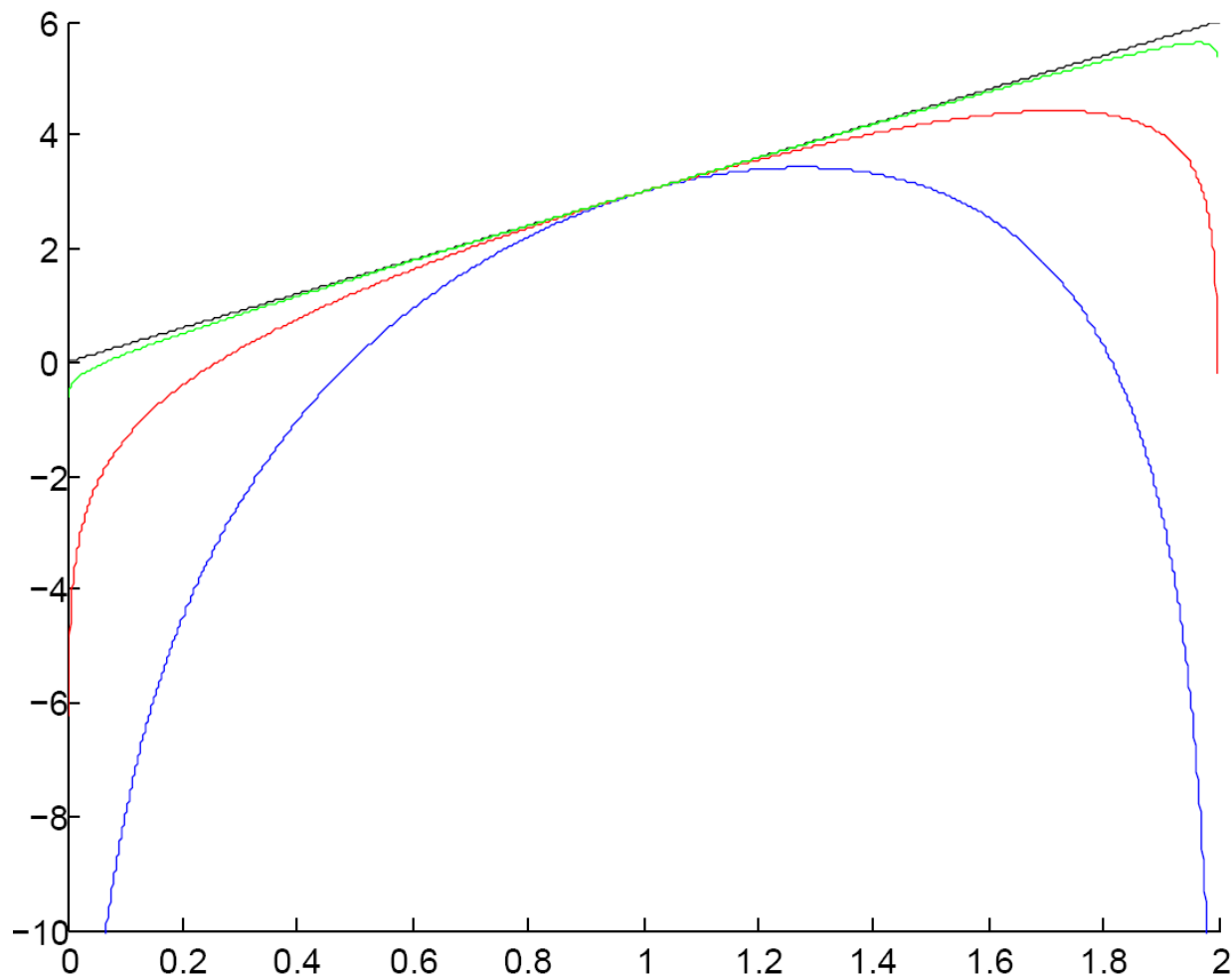
$\text{Log}(|x|)$



Log(x)



$$f_{\mu}(x) = 3x + \mu(\log(2-x) + \log(x))$$



i>clicker

Consider

$$f_{\mu}(x) = 3x + \mu(\log(2-x) + \log(x))$$

Let $\mu = 4$. Find the optimal solution to

$$\text{Max } f_4(x)$$

- A. $x = 4/3$
- B. $x = -2$
- C. $x = -4/3$
- D. $x = 2$
- E. None of the above