Dror Bar-Natan: Classes: 2002-03: Math 157 - Analysis I:

# Homework Assignment 4

Assigned Tuesday October 1; due Friday October 11, 2PM at SS 1071

## Required reading

All of Spivak Chapter 5.

## To be handed in

From Spivak Chapter 5: 1 (even parts), 3 (even parts), 13, 21, 37.

## Recommended for extra practice

From Spivak Chapter 5: 1 (odd parts), 3 (odd parts), 14, 24, 26.

## Just for fun

Can you find irrational numbers $a$ and $b$ so that $a^b$ would be rational?