

# Project8

*Huanyu Liu*

*3/8/2019*

## Problem 1

(a): 976.7022881273476

(b): 1098.3053309553904

(c): 12.229042009091591

(d): 122.38836190204754

## Problem 2

(a): 1.1894759082902067

(b): 1.123421232332722

## Problem 3

Q3: 10.998716623614676

Total runtime: 67.69276881217957