

Piradon (Tien) Liengtiraphan  
Assignment Number 2  
Instructor: Dr. Pablo Rivas

Math 404L-111: Artificial Intelligence  
Due: 2016-09-27

Chapter 3 Section 2

#: 2.1, 2.11, 2.12, 3.1

---

Exercise 2.12. Write a Python program that solves Problem 2.12 in an iterative manner. If you are feeling adventurous, plot the values of  $N$  as the program converges to a steady value of  $N$ .

*Proof.* You need at least 452957.0 samples.

□

---