18-799: Evolutionary Algorithms in Engineering Optimization
Fall Semester, 2014

Homework #1

Assigned: 8/27/2014
Due: 9/8/2014 at 14:00 US Pacific Time, 17:00 US Eastern Time

Six problems as follows:

1. (3pts) Eiben & Smith Textbook 2-1

2. (3pts) Eiben & Smith Textbook 3-1

3. (3pts) Eiben & Smith Textbook 3-4

4. (8pts) Eiben & Smith Textbook 3-5

5. (3pts) Eiben & Smith Textbook 3-6

Programming Assignment

6. (30pts) Eiben & Smith Textbook 3-7

- You may use any programming language (Java, Python, C++, Matlab, etc.)
- You must write the code yourself (no GA libraries allowed) and submit the code with the assignment
- We will run you code so you must: 1) include compilation and run instructions; 2) seed your random number generator with the value 1234 so that we will get the same results