

Optimization with Genetic Algorithm

The course length will be 8 weeks with one class in each week and 3 hours in each class. The lecture plan of the course is as follows:

Class	Content
1	Introduction to optimization problems
2	Inspiration of the Genetic Algorithm
3	Selection or survival of the fittest
4	Mutation
5	Elitism
6	Introduction to software framework
7	Implementation using software framework
8	Application in real-life
9	Final Exam