

Project 7 – Genetic Algorithms
 CS539 Machine Learning – Spring 2011
 Prof. Carolina Ruiz

Student: _____

Homework: Question 1: _____/20 Question 2: _____/20

	GAs
Code Description / Implementation (extra bonus points):	
Hypothesis encoding: _____/20, Selection: _____/20, Crossover _____/20, Mutation: _____/10, Fitness: _____/20, Termination criteria: _____/10	/100
Guiding questions	/10
Preprocessing	/10
Performance metrics, Training/Testing Protocol	
Experiments:	
• Sufficient & coherent	/10
• Objectives, Data, Parameters, Additional Pre/Post-processing	/10
• Presentation of results	/10
• Analysis of results	/30
Overall Discussion/Analysis of Results and Comparisons	/10
TOTALS	/190

Advanced Topic: _____ /40

Total Project: _____/270 -> _____/90

Class Presentation: _____/07

Class Participation during project presentation: _____/03

Total Project 7: _____ /100