Natural Computing: Assigment 2

By Greg Brimble & Paul Georgiou

Task 1

Blarg

1.1 Fitness Function

1.2 Search Space

1.3 Results

1.4 Comparison against Linear Inputs

1.5 Effect of PSO Parameters

Task 2

2.1 Evolving the Network Structure

2.2 Further Evolutions

2.3 Operators and Parameters of GA and Their Performance

2.4 Controlling Complexity

Task 3

3.1 Additional Node Functions

3.2 Operators and Parameters of GP and Their Performance

3.3 Comparison with GA

3.4 Comparison with Cartesian Genetic Programs (CGPs)

3.5 Future Work