SET10107 Computational Intelligence Coursework

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ABSTRACT

Abstract goes here

1 APPROACH

1.1 Background

[1]

1.2 Evolutionary Algorithm

1.3 Operators

1.3.1 Selection. [2]. [3]

1.3.2 Reproduction.

1.3.3 Replacement.

1.4 Parameters

1.4.1 Hidden Nodes.

1.4.2 Population.

1.4.3 Mutation.

1.4.4 Tournament Size.

2 EXPERIMENTS AND ANALYSIS

3 CONCLUSION

4 FUTURE WORK

REFERENCES

[1] Thomas Back. 1996. *Evolutionary algorithms in theory and practice: evolution strategies, evolutionary programming, genetic algorithms.* Oxford university press.

[2] Tobias Blickle and Lothar Thiele. 1996. A comparison of selection schemes used in evolutionary algorithms. *Evolutionary Computation* 4, 4 (1996), 361–394.

[3] David E Goldberg and Kalyanmoy Deb. 1991. A comparative analysis of selection schemes used in genetic algorithms. In *Foundations of genetic algorithms.* Vol. 1. Elsevier, 69–93.