

ENEL420 - Genetic Algorithms in Digital Signal Processing

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Abstract

I would like to say some bullshit here that summaries my report in an interesting way.

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1 Introduction

Introduction[1].Plz write something here.

2 Background

2.1 Digital Signal Processing of ECG Signals

Background if needed[2].

2.2 Genetic Algorithms

Plz write something here.

3 Method

Describe the method followed for this assignment.

3.1 Creating a Population from DSP Singal Data

Plz write something here.

3.2 Fitness Function

Plz write something here.

3.3 Selecting Paranets for next GA Generations

Plz write something here.

3.4 GA Operators

Plz write something here.

3.4.1 Crossover

Plz write something here.

3.4.2 Mutation

Plz write something here.

3.4.3 Parents

Plz write something here.

3.5 Filtering of ECG Signal Using FIR Filters

3.5.1 Window Filter

Plz write something here.

3.5.2 Parks-McClellan Filter

Plz write something here.

ex1

ex2

ex3

1 format1

2 foramat2

4 Results

Describe the results you've got. Don't give your opinion in here that goes in the Discussion. Unless combine the Results and Discussion sections

$$V = IR \quad (1)$$

.

S-1 item1.

S-2 item2.

S-3 item3.

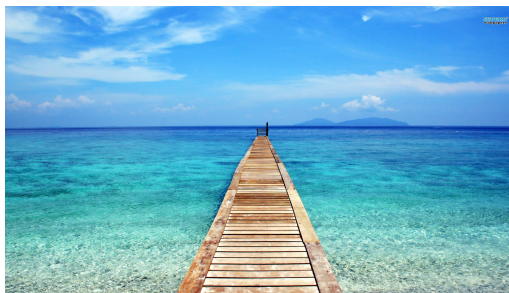


Figure 1: Shows that you can relax at this beautiful beach

5 Discussion

Discussion.

6 Conclusion

Reinstate the stuff you've talked about in the report. Don't introduce new materials in here.

7 References

- [1] E. Ifeachor and P. Smithson, “A practical approach to digital signal processing.” IET, 1995, pp. 6/1–6/8.
- [2] I. H. Software, “Difference Between FIR Filters and IIR Filters,” 2013. [Online]. Available: <http://iowahills.com/A8FirIirDifferences.html>

8 Appendices

8.1 Appendix A