



FINAL YEAR PROJECT REPORT

Radar Using Wavelets

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Abstract

We analyzed the built-in signal that uses in navigational radar systems. This non-stationary signal having certain level of clutter (noise) in receiving end of the radar antenna. The signal loaded in MATLAB software. In this project we implemented the algorithm based on the method known as "Discrete Wavelet transform" (DWT) in a MATLAB. The acquired signal then passed through an algorithm designed from which de-noising of signal took place and we reconstruct the original signal acquired by using "Inverse Discrete Wavelet transform" (IDWT). Finally we suppressed the noise in the signal.

Table of contents

SUBMISSION PERFORMA.....	I
ACKNOWLEDGEMENTS.....	II
ABSTRACT.....	III
1. INTRODUCTION.....	5
1.1 THE WAVELET TRANSFORM	12
1.2 THE HAAR WAVELET TRANSFORM.....	16
1.2.1 Forward Transform.....	17
1.2.2 The Inverse Transform.....	17
1.3 STRUCTURE OF REPORT	20
2. BACKGROUND AND LITERATURE REVIEW	24
2.1 WHY DO WE NEED THE FREQUENCY INFORMATION	26
2.1.1 Wavelet Properties	32
2.2 TYPES OF FILTERS.....	33
2.2.1 Band-Pass Filter.....	33
2.2.2 Band-Stop Filter.....	35
2.2.3 CUT-OFF Frequency.....	36
2.2.4 High-Pass Filter	37
2.2.5 Low-Pass Filter.....	38
3. AIM AND STATEMENT OF PROBLEM.....	40
3.1 PROBLEM STATEMENT	40
3.2 PROJECT OBJECTIVES.....	41
4. ANALYSIS AND DESIGN	42
4.1 HOW TO PROCESS.	42
4.2 DESIGN USE CASE	42
4.2 BLOCK DIAGRAM.....	44
4.4 EVALUATION METHOD SIGNAL TO CLUTTER RATIO (S.C.R).....	46
5. IMPLEMENTATION	47
5.2 FAMILY OF WAVELETS	55
5.2.1 Crude Wavelets.....	55
5.2.2 Infinitely Regular Wavelets	56
5.2.3 Orthogonal and Compactly Supported Wavelets.....	57
5.2.4 Complex Wavelets.....	57
5.3 TYPES OF WAVELET.....	58
5.3.1 Haar Wavelet	58

5.3.2	Daubechies Wavelets.....	59
5.3.3	Gaussian Wavelets.....	60
5.3.4	Meyer Wavelet.....	61
5.3.5	Biorthogonal Wavelets.....	62
5.4	REQUIREMENT CAPTURE.....	63
5.4.1	What is Matlab.....	64
5.4.2	The Matlab Environment.....	65
5.4.3	What Is the Wavelet Toolbox.....	67
5.4.4	Installing the Wavelet Toolbox.....	69
6.	TESTING.....	71
6.1	OBSERVATIONS.....	80
7.	RESULTS.....	86
8.	DISCUSSION.....	91
9.	CONCLUSION.....	92
10.	FUTURE WORK.....	93
	REFERENCES.....	94
	APPENDICES.....	96