

GOA COLLEGE OF ENGINEERING
FARMAGUDI, GOA

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION
ENGINEERING

2016 - 2017



HUMAN IDENTIFICATION USING
GAIT RECOGNITION

by

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John George (P.R.No.: 201305821)
Mrinal Shinde (P.R.No.: 201305759)
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A project submitted
in partial fulfilment of the requirements
for the degree of
Bachelor of Engineering
in
Electronics and Telecommunication Engineering
GOA UNIVERSITY

under the guidance of

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CERTIFICATE

This is to certify that the project entitled

“HUMAN IDENTIFICATION USING GAIT RECOGNITION”

submitted by

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has been successfully completed in the academic year 2016-2017 as a partial fulfilment of the requirement for the degree of BACHELOR OF ENGINEERING in Electronics and Telecommunication Department, at Goa College of Engineering, Farmagudi.

(Internal Examiner)

(External Examiner)

Place: Farmagudi, Ponda, Goa

Date:

PROJECT APPROVAL SHEET



The project entitled

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Neviya Prakash	P.R. No.: 201305942

completed in the year 2016-2017 is approved as a partial fulfilment of the requirements for the degree of **BACHELOR OF ENGINEERING in Electronics and Telecommunication Engineering** and is a record of bonafide work carried out successfully under our guidance.

(Project Guide)

Milind Fernandes

Assistant Professor,

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Goa College of Engineering

Place: Farmagudi, Ponda, Goa

Date:

Acknowledgement

The success of our work is incomplete unless we mention the names of our respected teachers who made it possible, whose guidance and encouragement served to beacon light and crowned our efforts with success.

we would like to thank milind

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Abstract

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Chapter 1

Introduction

1.1 Preamble

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1.2 Motivation

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- second bullet

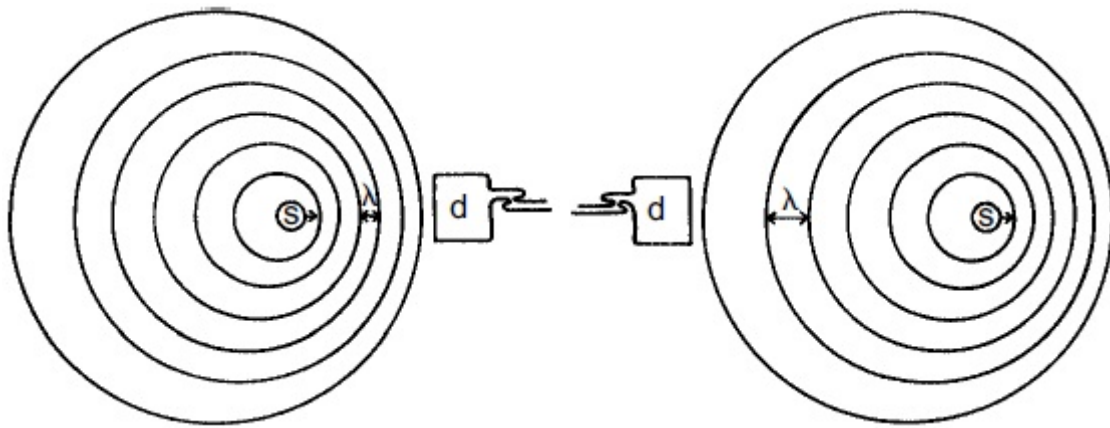
1.3 Objective

same way

1.4 Outline

1.4.1 This is a sub section

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(a) Source moving to stationary detector d (b) Source moving from stationary detector d

Figure 1.1: Principles of Doppler Ultrasound

This is how you write equations and mathematical symbols:

In the Fig.1.1(a), an ultrasound source is moving with velocity v_s toward the detector. After time t following the production of any particular wave front, the distance between the wave

front and the source is $(c - v_s)t$, where c is the velocity of ultrasound in the medium. The wavelength λ of the ultrasound in the direction of motion is shortened to

$$\lambda = \frac{(c - v_s)}{\nu_0}$$

(1.1)

1.4.1.1 This is a subsubsection

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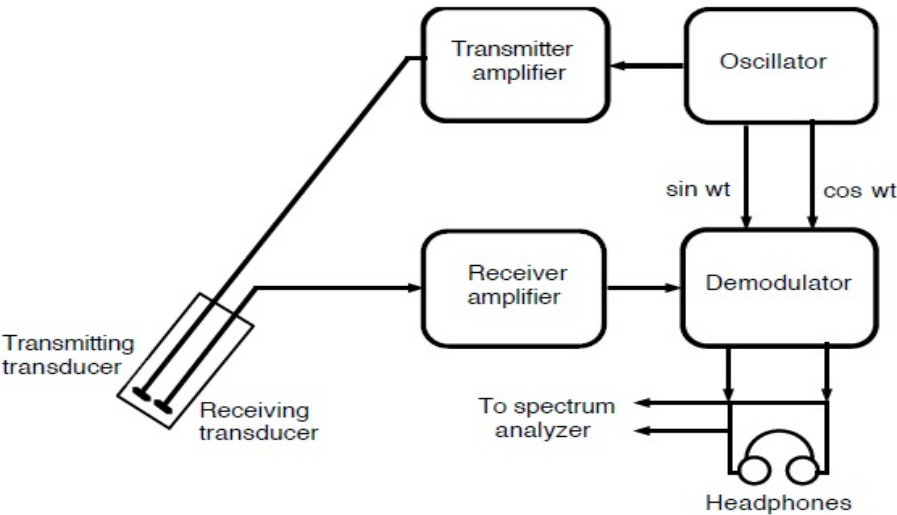


Figure 1.2: The Continuous Wave Doppler system. Signals from the receiving transducers are compared in frequency to those transmitted.

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column1	column2
1st row 1st column	1st row second column
2nd row 1st column	2nd row 2nd column

Table 1.1: A test table.

Chapter 2

Literature Review

2.1 Introduction

Hey you!! Trying if the header and footer works for the second chapter

2.1.1 This is a sub section

Yes, true, It is indeed a subsection.

will be trying now to continue this chapter to the next page to see if the header and footer appear there on the second page too.

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Please feel free to add intermediate sections according to your project requirement.

2.2 Conclusion

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2.2.1 This is a sub section

Yes, true, It is indeed a subsection.

Chapter 3

Design/Implementation(whichever applicable)

3.1 Problem Statement

This is the first section of the third chapter.

3.1.1 This is a sub section

Yes, true, It is indeed a subsection.

will be trying now to continue this chapter to the next page to see if the header and footer appear there on the second page too.

Please feel free to add intermediate sections according to your project require-

ment. Work done: Block diagram, design(software, hardware), Implementation

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Chapter 4

System Analysis

4.1 Observations

This is the first section of the fourth chapter.

4.1.1 This is a sub section

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4.2 Results

This is the second section of the fourth chapter.

4.3 Discussion

This is the third section of the fourth chapter.

Chapter 5

Conclusion

5.1 General Conclusion

This is the first section of the fifth chapter.

5.1.1 This is a sub section

will be trying now to continue this chapter to the next page to see if the header and footer appear there on the second page too.

5.2 Challenges

This is the second section of the fifth chapter.

5.3 Future Work

This is the third section of the fifth chapter.

Bibliography

- [1] Kenneth J. W. Taylor, Peter N. Burns, Peter N. T. Wells. Clinical Applications of Doppler Ultrasound Second Edition, pages 1-3.
- [2] <http://www.genesis-ultrasound.com/history-of-ultrasound.html>
- [3] <https://wiki.engr.illinois.edu/display/BIOE414/History+of+Color+Doppler+Ultrasound>
- [4] William R. Hendee and E. Russell Ritenour. Medical Imaging Physics, Fourth Edition, pages 344 - 346, 2002.

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Appendices

Appendix A

Appendix

First page of Appendix A

Second page of Appendix A.

Appendix B

Data Sheets

Put your data sheets here.

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