

Graduate School  
University of South Florida  
Tampa, Florida

CERTIFICATE OF APPROVAL

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Master's Thesis

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This is to certify that the Master's Thesis of

JOHN C. SPERANDIO

with a major in Electrical Engineering has been approved by  
the Examining Committee on November 26, 1996  
as satisfactory for the thesis requirement  
for the Master of Science in Electrical Engineering degree

Examining Committee:

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MAXIMUM LIKELIHOOD ESTIMATION OF MULTIPATH ARRIVAL TIME  
PARAMETERS FOR INDOOR WIRELESS CHANNELS

by

JOHN C. SPERANDIO

A thesis submitted in partial fulfillment  
of the requirements for the degree of  
Master of Science in Electrical Engineering  
Department of Electrical Engineering  
College of Engineering  
University of South Florida

December 1996

Major Professor: Paul G. Flikkema, Ph.D.

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## **DEDICATION**

To my friends and family

## TABLE OF CONTENTS

LIST OF TABLES	ii
LIST OF FIGURES	iii
ABSTRACT	iv
CHAPTER 1 INTRODUCTION	1
CHAPTER 2 CONCLUSION	2
APPENDICES	3
Appendix A Programs	4
Appendix B Calculations	5

## LIST OF TABLES

## LIST OF FIGURES

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*An Abstract*

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December 1996

Major Professor: Paul G. Flikkema, Ph.D.

This is some abstract text

Abstract Approved: \_\_\_\_\_  
Major Professor: Paul G. Flikkema, Ph.D.  
Assistant Professor, Department of Electrical Engineering

Date Approved: \_\_\_\_\_

**CHAPTER 1**  
**INTRODUCTION**

**CHAPTER 2**  
**CONCLUSION**

## APPENDICES

## Appendix A Programs

Try some material here

## Appendix B Calculations

Some more here!