

ON THE REPRESENTATION OF

by

David

An Abstract

Of a thesis submitted in partial fulfillment of the  
requirements for the Doctor of Philosophy degree  
in APPD  
in the Graduate College of  
The University of Iowa

August 2006

Thesis supervisor: Professor PJ MASK

## ABSTRACT

This thesis consists of two parts.

The second part of the thesis discusses several ways to modify

Abstract approved: \_\_\_\_\_  
Thesis supervisor

\_\_\_\_\_  
Title and department

\_\_\_\_\_  
Date

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Iowa City, Iowa

CERTIFICATE OF APPROVAL

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PH.D. THESIS

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This is to certify that the Ph.D. thesis of

David

has been approved by the Examining Committee for the  
thesis requirement for the Doctor of Philosophy degree  
in APPD at  
the August 2006 graduation.

Thesis committee: 

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PJ MASK, Thesis supervisor

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Member

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Member

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Member

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Member

## ACKNOWLEDGMENTS

First and foremost, I would like to express my sincere gratitude

## TABLE OF CONTENTS

## LIST OF TABLES



## LIST OF FIGURES

## CHAPTER 1

### INTRODUCTION

#### 1.1 Overview

Since the last century

#### 1.2 Outline

In this section,

## REFERENCES

- [1] K. Atkinson and W. Han, *Theoretical Numerical Analysis: A Functional Analysis Framework*, Springer-Verlag, New York, 2001.