

CONTENTS

CHAPTER	TITLE	PAGE NO.
ONE	INTRODUCTION	
	1.0 Introduction	1
	1.1 What Causes Fuzziness	2
	1.2 Fuzzy Sets	4
	1.3 Operations Of Fuzzy Sets	
	a. Complement Of Fuzzy Set	6
	b. Union Of Fuzzy Sets	9
	c. Intersection Of Fuzzy Sets	10
	1.4 Fuzzy Logic	10
	1.5 An Overview Of Fuzzy Query Processor & Orientation Of The Present Work	12
	1.6 Selection Of The Language	15
	References	17
TWO	MEMBERSHIP FUNCTIONS	
	2.1 Introduction	19
	2.2 Membership Function For 'Young'	20
	2.3 Membership Function For 'Tall'	30
	2.4 Membership Function For 'Around Thirty'	34
	2.5 Hedges	36

	2.6 Membership Function Using Hedges	36
	References	38
THREE	DESIGN ASPECTS OF FUZZY QUERY PROCESSOR	
	3.1 Query Formats	39
	3.2 Algorithms & Flowcharts	40
	3.3 Lexical Analysis	52
	3.4 Source Code	59
	References	113
FOUR	Summary & Conclusions	114
APPENDIX	Manual (How To Use Software)	118
