

CONTENTS

Chapter No.	Chapter Title	Page No.
0	<u>Preliminaries</u>	
0.1	Definitions	1
0.2	Results	6
1	<u>Semiprime filters</u>	
1.0	Introduction	7
1.1	Definition & examples	9
1.2	Properties of semiprime filter.	11
1.3	1-Distributive lattice.	19
1.4	Distributive lattice.	24
2	<u>Special types of semiprime filter</u>	
2.0	Introduction	27
2.1	Definition & examples of $F : a$	28
2.2	Properties of $F : a$	29
2.3	Characterization	31
2.4	Definition & properties of $\langle a, b \rangle^d$	39