

Contents

<i>Section</i>		<i>Page</i>
1	Boolean rings	1
2	Boolean algebras	3
3	Fields of sets	9
4	Regular open sets	12
5	Elementary relations	17
6	Order	21
7	Infinite operations	25
8	Subalgebras	31
9	Homomorphisms	35
10	Free algebras	40
11	Ideals and filters	47
12	The homomorphism theorem	52
13	Boolean σ -algebras	55
14	The countable chain condition	61
15	Measure algebras	64
16	Atoms	69
17	Boolean spaces	72
18	The representation theorem	77
19	Duality for ideals	81
20	Duality for homomorphisms	84
21	Completion	90
22	Boolean σ -spaces	97
23	The representation of σ -algebras	100
24	Boolean measure spaces	104
25	Incomplete algebras	109
26	Products of algebras	115
27	Sums of algebras	119
28	Isomorphisms of factors	122
29	Isomorphisms of countable factors	126
30	Retracts	130
31	Projective algebras	137
32	Injective algebras	140
	Epilogue	144
	Index	145