## CONTENTS

	Preface	ix
1.	Lebesgue space	1
2.	Shifts and partitions	5
3.	Stacks	16
4.	Gadgets	25
5.	Metrics on partitions	3 2
6.	Independence and $\epsilon$ -independence	40
7.	Entropy	47
8.	The entropy of a transformation	56
9.	The fundamental lemma	€2
10.	The isomorphism theorem	71
11.	Finitely determined partitions	8 0
12.	Weak and very weak Bernoulli partitions	8 8
13.	Further results and queries	103
	Bibliography	111
	Index	116