# CONTENTS


| | | |
|---|---|---|
| | Preface | ix |
| 1. | Lebesgue space | 1 |
| 2. | Shifts and partitions | 5 |
| 3. | Stacks | 16 |
| 4. | Gadgets | 25 |
| 5. | Metrics on partitions | 32 |
| 6. | Independence and ε-independence | 40 |
| 7. | Entropy | 47 |
| 8. | The entropy of a transformation | 56 |
| 9. | The fundamental lemma | 62 |
| 10. | The isomorphism theorem | 71 |
| 11. | Finitely determined partitions | 80 |
| 12. | Weak and very weak Bernoulli partitions | 88 |
| 13. | Further results and queries | 103 |
| | Bibliography | 111 |
| | Index | 116 |