

Table of Contents

Chapter 1. Partially Ordered Banach Spaces	1
§ 1. Vector Lattices	1
§ 2. Partially Ordered Normed Linear Spaces	10
§ 3. Normed Linear Lattices	17
Chapter 2. Some Aspects of Topology and Regular Borel Measures	27
§ 4. Existence Theorems for Continuous Functions	27
§ 5. Dispersed Compact Hausdorff Spaces	30
§ 6. The Cantor Set	35
§ 7. Extremally Disconnected Compact Hausdorff Spaces.	40
§ 8. Regular Borel Measures	43
Chapter 3. Characterizations of Banach Spaces of Continuous Functions.	57
§ 9. Lattice and Algebraic Characterizations of Banach Spaces of Continuous Functions	57
§ 10. Banach Space Characterizations of Spaces of Continuous Functions	69
§ 11. Banach Spaces with the Hahn-Banach Extension Property.	86
Chapter 4. Classical Sequence Spaces	101
§ 12. Schauder Bases in Classical Sequence Spaces	101
§ 13. Embedding of Classical Sequence Spaces into Continuous Function Spaces	110
Chapter 5. Representation Theorems for Spaces of the Type $L_p(T, \Sigma, \mu, \mathbb{C})$	117
§ 14. Measure Algebras and the Representation of $L_p(T, \Sigma, \mu, \mathbb{C})$ when μ is a Finite Measure	117
§ 15. Abstract L_p Spaces	131

Chapter 6. Characterizations of Abstract M and L_p Spaces . . .	140
§ 16. Positive Contractive Projections in Abstract M and L_p Spaces . . .	140
§ 17. Contractive Projections in Abstract L_p Spaces	152
§ 18. Geometric Properties of Abstract L_1 Spaces and Some Dual Abstract L_1 Spaces	170
Chapter 7. L_1 -Predual Spaces	182
§ 19. Partially Ordered L_1 -Predual Spaces	183
§ 20. Compact Choquet Simplexes	189
§ 21. Characterizations of Real L_1 -Predual Spaces	204
§ 22. Some Selection and Embedding Theorems for Real L_1 -Predual Spaces	219
§ 23. Characterizations of Complex L_1 -Predual Spaces	229
Appendix	249
Bibliography	255
Subject Index	267