

## Table of Contents

<b>Introduction</b> .....	vii
<b>Table of Contents</b> .....	xiii
<b>List of frequent Symbols</b> .....	xv
<b>Chapter I. Abstract Convex Structures</b> .....	1
§ 1. Basic Concepts .....	3
§ 2. The Hull Operator .....	31
§ 3. Half-spaces and Separation .....	49
§ 4. Interval Spaces .....	71
§ 5. Base-point Orders .....	91
§ 6. Modular Spaces .....	113
§ 7. Bryant-Webster Spaces .....	143
<b>Chapter II. Convex Invariants</b> .....	159
§ 1. Classical Convex Invariants .....	161
§ 2. Invariants and Product Spaces .....	181
§ 3. Invariants in other Constructions .....	205
§ 4. Infinite Combinatorics .....	219
§ 5. Tverberg Numbers .....	251
<b>Chapter III. Topological Convex Structures</b> .....	265
§ 1. Topology and Convexity on the same Set .....	267
§ 2. Continuity of the Hull Operator .....	287
§ 3. Uniform Convex Structures .....	303
§ 4. Topo-convex Separation .....	325
§ 5. Intrinsic Topology .....	349
<b>Chapter IV. Miscellaneous</b> .....	377
§ 1. Embedding Bryant-Webster Spaces into Vector Spaces .....	379
§ 2. Extremality, Pseudo-boundary and Pseudo-interior .....	405
§ 3. Continuous Selection .....	435
§ 4. Dimension Theory .....	453
§ 5. Dimension and Convex Invariants .....	469
§ 6. Fixed Points .....	487
<b>Bibliography</b> .....	507
<b>Index of Terms</b> .....	529