

# Contents

---

<i>Preface</i>	page vii
1 Preliminaries	1
2 Banach's Contraction Principle	7
3 Nonexpansive mappings: introduction	27
4 The basic fixed point theorems for nonexpansive mappings	37
5 Scaling the convexity of the unit ball	51
6 The modulus of convexity and normal structure	61
7 Normal structure and smoothness	69
8 Conditions involving compactness	72
9 Sequential approximation techniques for nonexpansive mappings	87
10 Weak sequential approximations	104
11 Properties of fixed point sets and minimal sets	116
12 Special properties of Hilbert space	126
13 Applications to accretivity	136
14 Ultrafilter methods	144
15 Set-valued mappings	162
16 Uniformly lipschitzian mappings	170
17 Rotative mappings	176
18 The theorems of Brouwer and Schauder	187
19 Lipschitzian mappings	202
20 Minimal displacement	210
21 The retraction problem	219
Appendix: notes and comments	232
<i>References</i>	234
<i>Index</i>	243