

CONTENTS

Binz, E.: On an extension of Pontryagin's duality theory	1
Carl, B. and Pietsch, A.: Entropy numbers of operators in Banach spaces	21
Comfort, W.W.: Some recent applications of ultrafilters to topology	34
Császár, Á.: Some problems concerning $C(X)$	43
Deleanu, A. and Hilton, P.: Generalized shape theory	56
Efremovič, V.A. and Vainštejn, A.G.: New results in uniform topology	66
Flachsmeyer, J.: Topologization of Boolean algebras	81
Frolík, Z.: Recent development of theory of uniform spaces	98
Johnson, B.E.: Stability of Banach algebras	109
Juhász, I.: Two set-theoretic problems in topology	115
Maharam, D.: Category, Boolean algebras and measure	124
Nagata, J.: On rings of continuous functions	136
Pelant, J.: Combinatorial properties of uniformities	154
Pták, V.: Nondiscrete mathematical induction	166
Rajagopalan, M.: Compact C -spaces and S -spaces	179
Rudin, M.E.: A narrow view of set theoretic topology	190
Smirnov, Ju.M.: Some topological aspects of the theory of topological transformation groups	196
Stone, A.H.: Measure-preserving maps	205
Trnková, V.: Categorical aspects are useful for topology	211