

Contents

Preface		v
Notes on the authors		ix
1. ANDRZEJ MOSTOWSKI	Sets	1
2. JEAN PIAGET	The concept of structure	35
3. MIHAJLO D. MESAROVIC	Systems concepts	57
4. ABDUS SALAM	Symmetry concepts and the fundamental theory of matter	69
5. LADISLAV TONDL	Sign	89
6. YEHOSHUA BAR-HILLEL	Language	107
7. SATOSI WATANABE	Information	129
8. HERBERT STACHOWIAK	Models	145
9. STAFFORD BEER	Management in cybernetic terms	167
10. ARNOLD KAUFMANN	Concerning the notions of operation and optimization	187
11. NICOLAI N. VOROBYEV	Game theory	205
12. MARIO BUNGE	Metatheory	227