

Contents

Volume 1

Introduction	1
by Akihiro Kanamori	
1. Stationary Sets	93
by Thomas Jech	
2. Partition Relations	129
by András Hajnal and Jean A. Larson	
3. Coherent Sequences	215
by Stevo Todorćević	
4. Borel Equivalence Relations	297
by Greg Hjorth	
5. Proper Forcing	333
by Uri Abraham	
6. Combinatorial Cardinal Characteristics of the Continuum	395
by Andreas Blass	
7. Invariants of Measure and Category	491
by Tomek Bartoszyński	
8. Constructibility and Class Forcing	557
by Sy D. Friedman	
9. Fine Structure	605
by Ralf Schindler and Martin Zeman	
10. Σ^* Fine Structure	657
by Philip D. Welch	

Volume 2

11. Elementary Embeddings and Algebra 737
by Patrick Dehornoy
12. Iterated Forcing and Elementary Embeddings 775
by James Cummings
13. Ideals and Generic Elementary Embeddings 885
by Matthew Foreman
14. Cardinal Arithmetic 1149
by Uri Abraham and Menachem Magidor
15. Successors of Singular Cardinals 1229
by Todd Eisworth
16. Prikry-Type Forcings 1351
by Moti Gitik

Volume 3

17. Beginning Inner Model Theory 1449
by William J. Mitchell
18. The Covering Lemma 1497
by William J. Mitchell
19. An Outline of Inner Model Theory 1595
by John R. Steel
20. A Core Model Toolbox and Guide 1685
by Ernest Schimmerling
21. Structural Consequences of AD 1753
by Steve Jackson
22. Determinacy in $L(\mathbb{R})$ 1877
by Itay Neeman
23. Large Cardinals from Determinacy 1951
by Peter Koellner and W. Hugh Woodin
24. Forcing over Models of Determinacy 2121
by Paul B. Larson



<http://www.springer.com/978-1-4020-4843-2>

Handbook of Set Theory

Foreman, M.; Kanamori, A. (Eds.)

2010, XIV, 2230 p. In 3 volumes, not available
separately., Hardcover

ISBN: 978-1-4020-4843-2