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 Todorcevic

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 Bartoszynski

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
Handbook of Set Theory
Foreman, M.; Kanamori, A. (Eds.)
2010, XIV, 2230 p. In 3 volumes, not available separately., Hardcover