

Near-Rings

December 3, 2023

00UU

Contents

A Other Chapters 1

Appendices

A Other Chapters

Set Theory	9. Categories
1. Sets	10. Constructions With Categories
2. Constructions With Sets	11. Kan Extensions
3. Pointed Sets	Bicategories
4. Tensor Products of Pointed Sets	12. Bicategories
5. Indexed and Fibred Sets	13. Internal Adjunctions
6. Relations	Internal Category Theory
7. Spans	14. Internal Categories
8. Posets	Cyclic Stuff
Category Theory	15. The Cycle Category
	Cubical Stuff
	16. The Cube Category

Globular Stuff

- 17. [The Globe Category](#)

Cellular Stuff

- 18. [The Cell Category](#)

Monoids

- 19. [Monoids](#)
- 20. [Constructions With Monoids](#)

Monoids With Zero

- 21. [Monoids With Zero](#)
- 22. [Constructions With Monoids With Zero](#)

Groups

- 23. [Groups](#)
- 24. [Constructions With Groups](#)

Hyper Algebra

- 25. [Hypermonoids](#)
- 26. [Hypergroups](#)
- 27. [Hypersemirings and Hyperrings](#)
- 28. [Quantales](#)

Near-Rings

- 29. [Near-Semirings](#)

- 30. [Near-Rings](#)

Real Analysis

- 31. [Real Analysis in One Variable](#)
- 32. [Real Analysis in Several Variables](#)

Measure Theory

- 33. [Measurable Spaces](#)
- 34. [Measures and Integration](#)

Probability Theory

- 34. [Probability Theory](#)

Stochastic Analysis

- 35. [Stochastic Processes, Martingales, and Brownian Motion](#)
- 36. [Itô Calculus](#)
- 37. [Stochastic Differential Equations](#)

Differential Geometry

- 38. [Topological and Smooth Manifolds](#)

Schemes

- 39. [Schemes](#)