

# Hypergroups

December 3, 2023

00UQ

## Contents

<b>A Other Chapters</b> .....	<b>1</b>
-------------------------------	----------

## Appendices

### A Other Chapters

#### Set Theory

1. Sets
2. Constructions With Sets
3. Pointed Sets
4. Tensor Products of Pointed Sets
5. Indexed and Fibred Sets
6. Relations
7. Spans
8. Posets

#### Category Theory

9. Categories
10. Constructions With Categories
11. Kan Extensions

#### Bicategories

12. Bicategories
13. Internal Adjunctions

#### Internal Category Theory

14. Internal Categories

#### Cyclic Stuff

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](#)