Kan Extensions

December 3, 2023

Contents

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