

## Contents

- Introduction: The Thesis, 3
- I The Genesis of Mathematical Truths, 9
- II The Flowering of Mathematical Truths, 31
- III The Mathematization of Science, 50
- IV The First Debacle: The Withering of Truth, 69
- V The Illogical Development of a Logical Subject, 100
- VI The Illogical Development: The Morass of Analysis, 127
- VII The Illogical Development: The Predicament *circa* 1800, 153
- VIII The Illogical Development: At the Gates of Paradise, 172
- IX Paradise Barred: A New Crisis of Reason, 197
- X Logicism versus Intuitionism, 216
- XI The Formalist and Set-Theoretic Foundations, 245
- XII Disasters, 258
- XIII The Isolation of Mathematics, 278
- XIV Whither Mathematics?, 307
- XV The Authority of Nature, 328
- Selected Bibliography, 355
- Index, 361