

Contents

<i>Preface to the Second Edition</i>	vii
<i>Preface to the First Edition</i>	ix
0 Introduction	1
CHAPTER 1. Local Theory	
1 Terminology and preliminaries	7
2 Resolvers and principalizers	45
3 Dominant character of a normal sequence	61
4 Unramified local extensions	108
5 Main results	148
CHAPTER 2. Global Theory	
6 Terminology and preliminaries	155
7 Global resolvers	192
8 Global principalizers	223
9 Main results	233
CHAPTER 3. Some Cases of Three-Dimensional Birational Resolution	
10 Uniformization of points of small multiplicity	238
11 Three-dimensional birational resolution over a ground field of characteristic zero	261
12 Existence of projective models having only points of small multiplicity	262
13 Three-dimensional birational resolution over an algebraically closed ground field of characteristic $\neq 2, 3, 5$	283

<i>Appendix on Analytic Desingularization in Characteristic Zero</i>	285
<i>Bibliography</i>	301
<i>Additional Bibliography</i>	303
<i>Index of Notation</i>	305
<i>Index of Definitions</i>	307
<i>List of Corrections</i>	311