

## CONTENTS

Preface	v
Acknowledgments	vii
D-Modules in Dimension 1	1
<i>L. Narváez Macarro</i>	
Modules Over the Weyl Algebra	52
<i>F. J. Castro Jiménez</i>	
Geometry of Characteristic Varieties	119
<i>D. T. Lê and B. Teissier</i>	
Singular Integrals and the Stationary Phase Methods	136
<i>E. Delabaere</i>	
Hypergeometric Functions and Hyperplane Arrangements	210
<i>M. Jambu</i>	
Bernstein-Sato Polynomials and Functional Equations	225
<i>M. Granger</i>	
Differential Algebraic Groups	292
<i>B. Malgrange</i>	