

Contents

1	The Helmholtz Conditions and the Method of Controlled Lagrangians	1
	Anthony M. Bloch, Demeter Krupka and Dmitry V. Zenkov	
2	The Sonin–Douglas Problem	31
	Demeter Krupka	
3	Inverse Variational Problem and Symmetry in Action: The Relativistic Third Order Dynamics	75
	Roman Ya. Matsyuk	
4	Variational Principles for Immersed Submanifolds.	103
	Zbyněk Urban	
5	Source Forms and Their Variational Completions	171
	Nicoleta Voicu	
6	First-Order Variational Sequences in Field Theory.	215
	Jana Volná and Zbyněk Urban	
	Index	285