

Preface	v
List of Contributors	vii
Contents of Volume 1	xii
Recent results for initial and boundary value problems singular in the	
1. Optimal control of ordinary differential equations <i>V. Barbu and C. Lefter</i>	1
2. Hamiltonian systems: periodic and homoclinic solutions by variational methods <i>T. Bartsch and A. Szulkin</i>	77
3. Differential equations on closed sets <i>O. Cârjă and I.I. Vrabie</i>	147
4. Monotone dynamical systems <i>M.W. Hirsch and H. Smith</i>	239
5. Planar periodic systems of population dynamics <i>J. López-Gómez</i>	359
6. Nonlocal initial and boundary value problems: a survey <i>S.K. Ntouyas</i>	461
Method and Conley index	
Author index	559
Subject index	565
Index of names	685
Index of subjects	693