

---

# Contents

---

<i>List of contributors</i>	vii
1 Introduction: issues in social choice and voting <i>Jac C. Heckelman and Nicholas R. Miller</i>	1
PART I PERSPECTIVES ON SOCIAL CHOICE	
2 The strange history of social choice <i>Iain McLean</i>	15
3 Unanimous consent and constitutional economics <i>Randall G. Holcombe</i>	35
4 Rational choice and the calculus of voting <i>André Blais</i>	54
5 Computational social choice <i>Robi Ragan</i>	67
PART II PAIRWISE SOCIAL CHOICE	
6 Majority rule and tournament solutions <i>Scott Moser</i>	83
7 Supermajority rules <i>Keith L. Dougherty</i>	102
8 The measurement of a priori voting power <i>Dan S. Felsenthal and Moshé Machover</i>	117
9 Condorcet jury theorems <i>Bryan C. McCannon</i>	140
PART III SPATIAL MODELS OF SOCIAL CHOICE	
10 The spatial model of social choice and voting <i>Nicholas R. Miller</i>	163
11 A unified spatial model of American political institutions <i>Thomas H. Hammond</i>	182

12	Competing for votes <i>James F. Adams</i>	201
13	Probabilistic voting in models of electoral competition <i>Peter J. Coughlin</i>	218

#### PART IV SOCIAL CHOICE FROM MULTIPLE ALTERNATIVES

14	Arrow's Theorem and its descendants <i>Elizabeth Maggie Penn</i>	237
15	Properties and paradoxes of common voting rules <i>Jac C. Heckelman</i>	263
16	Voting mysteries: a picture is worth a thousand words <i>Donald G. Saari</i>	284
17	Multiple-winner voting rules <i>Nicolaus Tideman</i>	303

#### PART V EMPIRICAL SOCIAL CHOICE

18	Measuring ideology in Congress <i>Christopher Hare and Keith T. Poole</i>	327
19	The uncovered set and its applications <i>William T. Bianco, Christopher Kam, Itai Sened and Regina A. Smyth</i>	347
20	Empirical examples of voting paradoxes <i>Marek M. Kaminski</i>	367
	<i>Glossary of terms pertaining to social choice and voting</i>	388
	<i>Index</i>	399