Contents

Reflections on Power, Voting, and Voting Power	1
Part I Power	
Social Power and Negative Freedom	27
Causation and the Measurement of Power	63
Part II Voting	
Models and Reality: The Curious Case of the Absent Abstention Dan S. Felsenthal and Moshé Machover	73
A Test of the Marginalist Defense of the Rational Voter Hypothesis Using Quantile Regression	87
Intensity Comparisons, the Borda Rule and Democratic Theory Eerik Lagerspetz	103
List Apparentements in Local Elections: A Lottery Friedrich Pukelsheim and Peter Leutgäb	123
Voting and Power	137

x Contents

Decisiveness and Inclusiveness: Two Aspects of the Intergovernmental	
Choice of European Voting Rules	151
Minimax Multi-District Apportionments	169
Gridlock or Leadership in U.S. Electoral Politics	187
Part III The Measurement of Power	
A Review of Some Recent Results on Power Indices J. M. Alonso-Meijide, B. Casas-Méndez and M. G. Fiestras-Janeiro	231
Power, Cooperation Indices and Coalition Structures	247
The Power of a Spatially Inferior Player	265
On the Nucleolus as a Power Index	283
Coalition Configurations and the Public Good Index José M. Alonso-Meijide, Balbina Casas-Méndez, M. Gloria Fiestras-Janeiro, Manfred J. Holler and Andreas Nohn	301
Circumstantial Power: Some Hints for Finding Optimal Persuadable or Bribable Voters	315
Part IV Applications of Voting Power Measures	
Power Indices and the Design of Electoral/Constitutional Systems Ron Johnston	333
Fair Voting Rules in Committees	347
On Penrose's Square-Root Law and Beyond	365

A New Analysis of a Priori Voting Power in the IMF: Recent Quota Reforms Give Little Cause for Celebration	389
A Priori Voting Power and the US Electoral College	411
Do Voting Power Considerations Explain the Formation of Political Coalitions? A Re-Evaluation	443
A Note on Communication Structures	467
Shareholder Voting Power and Ownership Control of Companies Dennis Leech	475
Part V Voting Power in the European Union	
Calculus of Consent in the EU Council of Ministers	501
The Creation of European Economic and Monetary Union Madeleine O. Hosli	521
Apportionment Strategies for the European Parliament	541
Strategic A Priori Power in the European Union's Codecision Procedure Recalculated for EU28	553
Square Root Voting System, Optimal Threshold and π	573
The QM Rule in the Nice and Lisbon Treaties: Future Projections Dan S. Felsenthal and Moshé Machover	593
Part VI The Aggregation of Preferences	
Explaining All Possible Paired Comparison Problems Donald G. Saari	615

xii Contents

A Geometric Approach to Paradoxes of Majority Voting: From Anscombe's Paradox to the Discursive Dilemma	
with Saari and Nurmi	645
Necessary and Sufficient Conditions to Make the Numbers Count Marlies Ahlert and Hartmut Kliemt	661
Limit Property of a Multi-Choice Value and the Fuzzy Value Rie Ono-Yoshida	669
Pure Bargaining Problems and the Shapley Rule	681
Veto Players and Non-Cooperative Foundations of Power in Legislative Bargaining	703
Distortion-Free Logrolling Mechanism	709
Coalitions and Catastrophic Climate Change	725