## Contents

**Reflections on Power, Voting, and Voting Power** ........................ 1  
Manfred J. Holler and Hannu Nurmi

### Part I  Power

**Social Power and Negative Freedom** ................................. 27  
Ian Carter

**Causation and the Measurement of Power** ............................ 63  
Matthew Braham

### Part II  Voting

**Models and Reality: The Curious Case of the Absent Abstention** .... 73  
Dan S. Felsenthal and Moshé Machover

**A Test of the Marginalist Defense of the Rational Voter**  
**Hypothesis Using Quantile Regression** ............................... 87  
Serguei Kaniovski

**Intensity Comparisons, the Borda Rule and Democratic Theory** .... 103  
Eerik Lagerspetz

**List Apparentements in Local Elections: A Lottery** ................. 123  
Friedrich Pukelsheim and Peter Leutgäb

**Voting and Power** .................................................. 137  
Annick Laruelle and Federico Valenciano
Decisiveness and Inclusiveness: Two Aspects of the Intergovernmental Choice of European Voting Rules ........................................ 151
Thomas König and Thomas Bräuninger

Minimax Multi-District Apportionments ...................................... 169
Gianfranco Gambarelli and Arsen Palestini

Gridlock or Leadership in U.S. Electoral Politics ....................... 187
Evan Schnidman and Norman Schofield

Part III  The Measurement of Power

A Review of Some Recent Results on Power Indices .................... 231
J. M. Alonso-Meijide, B. Casas-Méndez and M. G. Fiestras-Janeiro

Power, Cooperation Indices and Coalition Structures ................ 247
Rafel Amer and Francesc Carreras

The Power of a Spatially Inferior Player ................................. 265
Mika Widgrén and Stefan Napel

On the Nucleolus as a Power Index ........................................ 283
Maria Montero

Coalition Configurations and the Public Good Index ................... 301
José M. Alonso-Meijide, Balbina Casas-Méndez, M. Gloria Fiestras-Janeiro, Manfred J. Holler and Andreas Nohn

Circumstantial Power: Some Hints for Finding Optimal Persuadable or Bribable Voters ................................................. 315
Josep Freixas and Montserrat Pons

Part IV  Applications of Voting Power Measures

Power Indices and the Design of Electoral/Constitutional Systems... 333
Ron Johnston

Fair Voting Rules in Committees ........................................... 347
František Turnovec

On Penrose’s Square-Root Law and Beyond ............................. 365
Werner Kirsch
## Contents

A Geometric Approach to Paradoxes of Majority Voting: From Anscombe’s Paradox to the Discursive Dilemma
with Saari and Nurmi ..................................... 645
Daniel Eckert and Christian Klamler

Necessary and Sufficient Conditions to Make the Numbers Count ........... 661
Marlies Ahlert and Hartmut Kliemt

Limit Property of a Multi-Choice Value and the Fuzzy Value ............... 669
Rie Ono-Yoshida

Pure Bargaining Problems and the Shapley Rule ........................... 681
Francesc Carreras and Guillermo Owen

Veto Players and Non-Cooperative Foundations of Power in Legislative Bargaining ..................................... 703
Andreas Nohn

Distortion-Free Logrolling Mechanism ...................................... 709
Hannu Vartiainen

Coalitions and Catastrophic Climate Change .......................... 725
Norman Schofield
Power, Voting, and Voting Power: 30 Years After
Holler, M.J.; Nurmi, H. (Eds.)
2013, XVII, 762 p., Hardcover
ISBN: 978-3-642-35928-6