Contents

Preface ix

Chapter 1. A Mess of an Election 1
 §1. Electoral College 4
 §2. Other procedures 17

Chapter 2. Voter Preferences, or the Procedure? 33
 §1. Some examples 34
 §2. Representation triangle and profiles 40
 §3. Procedure lines and elections 45
 §4. Approval or Cumulative voting? 53
 §5. More candidates — toward Lincoln’s election 60

Chapter 3. Chaotic Election Outcomes 69
 §1. Deanna had to withdraw 70
 §2. General results 72
 §3. Consequences 79
 §4. Chaotic notions for chaotic results 84

Chapter 4. How to Be Strategic 91
 §1. Choice of a procedure 92
 §2. Strategic voting 94
§3. Debate and selecting amendments 100
§4. Any relief? 102
§5. Changing the outcome 103

Chapter 5. What Do the Voters Want? 109
§1. Breaking ties and cycles 110
§2. Reversal effects 123
§3. A profile coordinate system 129

Chapter 6. Other Procedures; Other Assumptions 137
§1. Beyond voting; other aggregation methods 138
§2. Apportioning congressional seats on a torus 143
§3. Other procedures, and other assumptions 148
§4. Concluding comment 152

Bibliography 153

Index 157