

# **Contents**

## **I TRADITION AND CHANGE**

1. Public Telecommunications: A Concept in Transition 3
2. The Establishment of the PTT System 7
3. Network Tipping: The Rise and Fall of the Public Network Monopoly 26
4. Forces of Centrifugalism 43
5. Defense of the Telecommunications Monopoly 55
6. Policy Directions 61

## **II THE TELECOMMUNICATIONS SYSTEMS OF EUROPEAN COUNTRIES**

7. Germany 69
8. The United Kingdom 103
9. France 133

### **Telecommunications in the Benelux and Alpine Countries**

10. The Netherlands 169
11. Belgium 178
12. Luxembourg 184
13. Switzerland 186
14. Austria 195

### **Telecommunications in Scandinavia and the North Atlantic**

15. Sweden 203
16. Finland 212
17. Norway 220
18. Denmark 224

- 19. Iceland 230
- 20. Ireland 232

### **Telecommunications in the Mediterranean Countries and Eastern Europe**

- 21. Italy 239
- 22. Spain 251
- 23. Portugal 258
- 24. Israel 262
- 25. Turkey 267
- 26. Greece 270
- 27. Telecommunications in Eastern Europe 274

### **III BATTLEFRONTS IN TELECOMMUNICATIONS POLICY**

- 28. The International Organizations of Telecommunications 293
- 29. Brussels Takes On the Traditional System 305
- 30. Telecommunications Policy as Industrial Policy 312
- 31. Transatlantic Trade Friction 322
- 32. International Telecommunications Services 331
- 33. The Economics of ISDN Integration 350
- 34. The Political Economy of ISDN 360
- 35. Value-Added Networks and Services 369
- 36. Videotex 382
- 37. Transborder Data Flows 392

### **IV THE FUTURE OF TELECOMMUNICATIONS**

- 38. Networks in the Future 407
  - 39. Toward a Modular Network 412
  - 40. Telecommunications Liberalization: An Expansionary Process? 417
  - 41. Regulatory Tasks for the Future: Interconnectivity in the Pluralist Network 425
  - 42. The Pluralist Network 432
- Notes 441
- References 457
- Index 497