CONTENTS

| | roreword • ix |
|----------|---|
| Part I | Strategic interactions as games |
| | Introduction to Part I • 1 |
| 1 | Strategic form games • 3 |
| 2 | Representing strategic interactions with games • 8 |
| Part II | Basic solution concepts for strategic form games |
| | Introduction to Part II • 19 |
| 3 | Dominant strategies • 23 |
| 4 | Strongly dominated strategies • 42 |
| 5 | Weakly dominated strategies • 51 |
| 6 | Nash equilibrium • 65 |
| Part III | Prominent classes of strategic form games |
| | Introduction to Part III • 85 |
| 7 | Cooperation and conflict, strategic complements and substitutes • 89 |
| 8 | Concentrated markets • 118 |
| 9 | Coordination games and strategic uncertainty • 137 |
| Part IV | Uncertainty and mixed strategies |
| | Introduction to Part IV • 157 |
| 10 | Choice under uncertainty and risk dominance • 161 |
| 11 | Mixed strategies • 171 |
| 12 | Security strategies, strictly competitive games and the minimax theorem • 198 |
| 13 | Mixed strategies in general games • 211 |

Part V Advanced topics in strategic form games

Introduction to Part V • 235

- 14 Rationalizable strategies 239
- 15 Stability of equilibria 246
- 16 Games and evolution 259
- 17 Global games 284

Part VI Dynamic games

Introduction to Part VI • 301

- 18 Extensive form games 307
- 19 Non-credible threats, subgame perfect equilibrium and backward induction 317
- 20 Commitment 333
- 21 Backward induction: limitations and difficulties 353
- 22 Moves of nature 366

Part VII Repeated games

Introduction to Part VII • 383

- 23 The repeated Prisoner's Dilemma 385
- 24 Games with an unbounded horizon; additional models and results 413

Index • 441