

Contents

| | | |
|----|-------------------------------|-----|
| | Preface and Introduction..... | 9 |
| 1 | Quantitative Analysis..... | 13 |
| 2 | Data | 25 |
| 3 | Trading System Overview | 33 |
| 4 | Measuring Success | 49 |
| 5 | AmiBroker | 55 |
| 6 | Issue Selection..... | 71 |
| 7 | Entries and Exits..... | 85 |
| 8 | Functions and Indicators..... | 111 |
| 9 | Trending Systems..... | 127 |
| 10 | Mean Reversion Systems..... | 137 |
| 11 | Seasonality Systems..... | 147 |
| 12 | Pattern Systems..... | 165 |
| 13 | Anticipating Signals | 175 |
| 14 | Sector Analysis | 187 |
| 15 | Rotation | 199 |
| 16 | Portfolios..... | 205 |
| 17 | Filters and Timing..... | 217 |
| 18 | In-Sample Out-of-Sample..... | 245 |
| 19 | Statistical Tests..... | 251 |

| | | |
|----|-------------------------------------|-----|
| 20 | Walk Forward | 261 |
| 21 | Survivor Bias..... | 285 |
| 22 | Monte Carlo Analysis | 295 |
| | Appendix A Extending AmiBroker..... | 317 |
| | Appendix B Glossary..... | 339 |
| | Appendix C Resources | 351 |
| | Index | 355 |