List of Figures vii
List of Tables ix
Acknowledgments xiii
C C
1 Structure and Change 1
PART I MULTIPLE PATHS OF INNOVATION
2 Paths of Initial Mechanization, 1790–1835 15
3 Ongoing Mechanization, 1836–1865 66
4 Contours of Innovation 100
PART II TECHNOLOGICAL CENTERS
Malification Table Install Conten
5 Machinists as a Technological Center 129
6 Science, Mechanicians, and Invention 160
7 The Patent System and the Inventive Community 190
PART III INTERLINKING INNOVATIONS
8 The Social Basis of Innovation 231
9 Technological Leadership 259
10 Fruition 286
11 The First Innovation System 310
Appendix: Selected Primary Sources and Data Sets 329 Notes 339
Works Cited 403
In Jan 100

Index 423