

CONTENTS

Figures

Tables

Acknowledgements

Preface

1 Introduction <i>J. Brotchie, P. Newton, P. Hall and P. Nijkamp.</i>	1
PART ONE: INTERNATIONAL AND REGIONAL PERSPECTIVES	
2 The World and Europe <i>P. Hall</i>	17
3 North America <i>E. Malecki</i>	31
PART TWO: INDUSTRIAL PERSPECTIVES	
4 Industrial Futures: UK <i>M. Batty</i>	41
5 Industrial Futures: USA <i>J. Levy</i>	54
6 High Tech and Urban Settlement <i>R. Meier</i>	70
PART THREE: INNOVATION AND DEVELOPMENT	
7 Urban Dynamics <i>P. Nijkamp and U. Schubert</i>	79
8 Patterns of Biotechnology Development <i>M. Feldman</i>	93
PART FOUR: COMMUNICATIONS AND TRANSPORT	
9 Telecommunications and Urban Development <i>R. Meier</i>	111
10 Surface Transport <i>P. Bly</i>	122
11 Transport-Communication Interactions <i>M. Wigan</i>	142
12 Transport-Energy Interactions <i>L. Klaassen</i>	162
PART FIVE: INFORMATION SYSTEMS IMPACTS	
13 Urban Impacts of Information Technology <i>J. Dickey</i>	175
14 Teleshopping and Retail Location <i>R. Sharpe and J. Roy</i>	188
15 Information Technology and Urban Planning <i>P. Nijkamp</i>	206
16 Urban Information Systems and Society <i>M. Wegener</i>	220
PART SIX: INSTITUTIONAL INFLUENCES	
17 Planning and Technological Change <i>L. Gertler</i>	231
18 Unemployment: The State as a Safety Net <i>M. Kesik</i>	240
PART SEVEN: MODELLING URBAN CHANGE	
19 Land Use — Transport Interactions <i>R. Mackett and A. Lodwick</i>	251
20 Impact of Energy Factors on Urban Form <i>L. Lundqvist</i>	263
21 Modelling Urban Dynamics <i>W. van Lierop and P. Nijkamp</i>	279
22 The Urban Modelling Implications of New Technology <i>B. Harris</i>	297
PART EIGHT: THE FUTURE URBAN SYSTEM	
23 Probable Urban Futures <i>P. Newton and M. Taylor</i>	313
24 A Desirable Urban Form <i>L. Klaassen</i>	337
PART NINE: OVERVIEW AND PLANNING IMPLICATIONS	
25 Forces for Spatial Change <i>N. Pressman</i>	349
26 Optimism and Pessimism in Future Planning <i>P. Hall</i>	362
Editors and Contributors	367