

Contents

<i>List of Figures</i>	viii
<i>List of Tables</i>	xii
<i>Preface</i>	xiv
1 The Space and Strategy of Demographic Growth	1
1 Humans and animals	1
2 Divide and multiply	5
3 Jacopo Bichi and Domenica Del Buono, Jean Guyon and Mathurine Robin	6
4 Reproduction and survival	9
5 The space of growth	17
6 Environmental constraints	20
7 A few figures	24
2 Demographic Growth: Between Choice and Constraint	29
1 Constraint, choice, adaptation	29
2 From hunters to farmers: the Neolithic demographic transition	31
3 Black Death and demographic decline in Europe	36
4 The tragedy of the American <i>Indios</i> : old microbes and new populations	42
5 The French Canadians: a demographic success story	48
6 Ireland and Japan: two islands, two histories	53
7 On the threshold of the contemporary world	57

3	Land, Labor, and Population	63
1	Diminishing returns and demographic growth	63
2	Historical confirmations	67
3	Demographic pressure and economic development	72
4	More on demographic pressure and development: examples from the Stone Age to the present day	75
5	Space, land, and development	79
6	Population size and prosperity	84
7	Increasing or decreasing returns?	87
4	Toward Order and Efficiency: The Recent Demography of Europe and the Developed World	90
1	From waste to economy	90
2	From disorder to order: the lengthening of life	95
3	From high to low fertility	100
4	European emigration: a unique phenomenon	107
5	A summing up: the results of the transition	113
6	Theoretical considerations on the relationship between demographic and economic growth	115
7	More on the relationship between demographic and economic growth: Empirical observations	119
5	The Populations of Poor Countries	128
1	An extraordinary phase	128
2	The conditions of survival	134
3	A brief geography of fertility	141
4	The conditions and prospects for fertility decline and demographic policy	147
5	India and China	154
6	Fertilia and Sterilia	161
7	Explaining a paradox	166
6	The Future	175
1	Population and self-regulation	175
2	The numbers of the future	177
3	On sustainability of extended survival	183
4	The moving limits	190
5	The emerging limits: Resources	194

CONTENTS

vii

6	The emerging limits: Environment	198
7	Calculations and values	202
	<i>Notes</i>	206
	<i>Select Bibliography</i>	239
	<i>Index</i>	243