

Contents

<i>List of figures</i>	ix
<i>List of tables</i>	x
<i>Preface</i>	xiii
1 Multinational enterprises and developing countries: background and preview	1
The role of MNEs in economic development: changing perceptions	3
Scope and preview	6
2 Foreign direct investment in developing Asia: trends, patterns and prospects	12
Policy context	13
Trends	26
The 'China fear'	35
Industry profile	39
Prospects: a summing up	41
3 Multinational enterprises and manufacturing for export: emerging patterns and opportunities for latecomers	45
MNEs and manufacturing for exports: a typology	47
Evidence	54
Concluding remarks	67
Appendix 3.1: Data sources on MNE share in manufactured exports	70
4 Product fragmentation and trade patterns in East Asia	72
Data	74
Trends and patterns of product fragmentation	75
Product fragmentation and trade patterns	84
Conclusion and inferences	97
5 Multinational firms in crisis and recovery: lessons from the 1997-98 Asian crisis	100
Analytical context	101
Capital flows during the crisis	102
Role of MNE affiliates in adjustment and recovery	112
Concluding remarks	119

6	Capital inflows and the real exchange rate: foreign direct investment versus short-term capital	121
	Trends and patterns of capital inflow	124
	Real exchange rate–capital flow nexus: a first look	128
	Real exchange rate–capital flow nexus: empirical analysis	133
	Conclusion	140
	Appendix 6.1: The Australian model	143
	Appendix 6.2: Measurement of the real exchange rate	145
7	Trade orientation and productivity gains from international production	147
	Analytical framework	149
	Data	153
	Productivity patterns	156
	Determinants of productivity	156
	Conclusion and policy inferences	161
	Appendix 7.1: Measurement of total factor productivity growth	166
8	Multinational enterprises and the globalization of R&D: a study of US-based firms	168
	Theoretical framework	169
	Trends and patterns of R&D internationalization	171
	Determinants of R&D intensity	180
	Conclusion	191
	Appendix 8.1: Country coverage, variable definition and data sources and supplementary regression results	194
9	Multinational firms and factor proportions in manufacturing: does parentage matter?	198
	Foreign direct investment in Sri Lankan manufacturing	200
	Methodology and data	208
	Results	211
	Conclusion	217
10	Foreign direct investment in economic transition: the experience of Vietnam	219
	Investment climate	220
	Trends and patterns of FDI	225
	Economic impact	234
	Conclusions and policy inferences	246
	Appendix 10.1: Export processing zones in Vietnam	248
	<i>References</i>	250
	<i>Index</i>	273

Figures

2.1	FDI inflows to developing countries and developing Asia, 1980–2004	32
3.1	Share of MNE affiliates and world market share in manufactured exports in selected Asian countries	57
4.1	World trade in parts and components, 1992–2003	77
4.2	Parts and components exports by major country groups, 1992–2003	78
5.1	Net capital flows to Indonesia, Korea, Malaysia, the Philippines and Thailand, 1996q1–2002q1	106
6.1	Net private capital flows to Asia and Latin America	125
6.2	Net capital inflows and the real exchange rate for selected Asian and Latin American countries, 1985–2000	129
6.A1	Capital inflows, the real exchange rate and economic adjustment in a small open economy	144
9.1	Foreign direct investment in Sri Lanka: value in US\$ million and as a percentage of gross domestic fixed capital formation	201
10.1	Foreign direct investment in Vietnam, 1990–2005	228

Tables

2.1	Foreign direct investment inflows, 1980–2004	27
2.2	Foreign direct investment inflows as a percentage of gross domestic fixed capital formation, 1980–2004	30
2.3	FDI flows to China as reported by China and by investing economies, 2000–03	36
2.4	US direct investment in selected Asian countries, 1994–2002	38
3.1	A typology of MNE participation in manufacturing for newcomer exporting countries	48
3.2	MNE affiliates and manufactured exports from selected developing Asian countries: MNE share in total manufactured exports and selected export performance indicators	55
3.3	Determinants of export market penetration: regression results	66
3.A1	Data sources on MNE share in manufactured exports	70
4.1	World trade in parts and components, 1992–2003	76
4.2	Annual compensation per worker in manufacturing, 1990–98	80
4.3	Parts and components in manufacturing trade	81
4.4	Percentage composition of parts and components exports and imports by three-digit SITC categories, 2003	85
4.5	Direction of parts and components trade	89
4.6	Share of parts and components content in regional manufacturing trade flows	94
4.7	Intra-regional trade shares: total manufacturing, parts and components, and final trade, 1992, 1993 and 2003	96
5.1	Capital flows in Asian crisis countries, 1990–2000	104
5.2	Percentage change in net capital flows during 1997–98 over 1995–96	109
5.3	Mergers and acquisitions by foreign firms in Asian crisis countries, 1990–2001, announced value	109
5.4	US direct investment in Asian crisis countries, 1994–2001 (US\$ million)	111

5.5	Asian crisis countries: foreign direct investment as a percentage of gross domestic investment, 1990–2001	112
5.6	Exports by majority-owned affiliates of US MNEs as a percentage of total host-country exports in East Asia, 1995–98	114
5.7	Exports by majority-owned affiliates of US MNEs as a percentage of total sales in East Asia, 1995–98	114
5.8	Share of employment in US affiliates in total manufacturing employment	115
5.9	MNE presence and post-crisis performance in Malaysian manufacturing	117
6.1	Net capital inflows to selected Asian and Latin American countries: 1985–99	127
6.2	Capital inflow episodes of selected Asian and Latin American countries	133
6.3	Determinants of the real exchange rate in selected Asian and Latin American countries	137
6.4	Change in explanatory variables during the capital inflow boom compared with the mean level for the sample period	138
7.1	Overseas operations of US manufacturing MNEs: estimates of productivity and related indicators	157
7.2	Determinants of productivity growth: regression results with trade orientation measured by export–sales ratio	159
7.3	Correlation matrix	160
7.4	Determinants of productivity growth: regression results with trade orientation measured by Sachs–Warner index and black market premium	162
8.1	R&D internationalization of US MNEs during 1966–2001	172
8.2	Industry distribution of R&D expenditure of selected countries, 1990–2001	174
8.3	Overseas affiliates of US manufacturing MNEs: FDI stock, sales, R&D expenditure and R&D–sales ratio by country/region	175
8.4	Percentage share of R&D expenditure of US MNE affiliates in total R&D expenditure in host countries	179
8.5	Determinants of R&D intensity: random-effect GLS estimates	187
8.6	Summary data on variables used in the regression analysis	188
8.A1	Country coverage	194
8.A2	Variable definition and data sources	195
8.A3	Determinants of R&D intensity: alternative regression results	197

9.1	Envisaged investment and employment in firms in commercial operation, 1978–2002	203
9.2	Source country composition of export-oriented firms in commercial operation as at end of 2002	205
9.3	Industry composition of export-oriented manufacturing firms with FDI, 1982, 1995 and 2002	207
9.4	Regression results, 1982	212
9.5	Firm characteristics by parentage, 1982	213
9.6	Regression results, 2002	215
9.7	Firm characteristics by parentage, 2002	216
10.1	World Economic Forum growth competitiveness and macroeconomic environment indices, 2005	224
10.2	Index of Economic Freedom	225
10.3	Indicators of ease of doing business: Vietnam in global and regional context, 2005	226
10.4	Vietnam: source-country composition of FDI inflows, 1988–2005	232
10.5	Vietnam: sectoral distribution of cumulative approved investment, 1991, 1995, 2000, 2005	233
10.6	Vietnam: spatial distribution of FDI, 1988–2005	235
10.7	Foreign-invested enterprises in the Vietnamese economy: key indicators, 1995–2003	236
10.8	Vietnam: contribution of foreign-invested enterprises to industrial employment, 2000–03	237
10.9	Export performance of foreign-invested enterprises	241
10.10	Commodity composition of exports by foreign-invested enterprises, 1996–2005	242
10.11	Vietnam manufacturing: estimates of productivity growth and related data, 2000–03	244