Index

alliances 4, 72, 103
business efficiency 103
collaboration with large firms 103
impact of e-commerce 95
key success factors 92–4
and outsourcing 4
partnership with large firm 100
relation with overseas companies 99
subcontracting 103
support for innovation 95
use of Internet 94–5
Australia

closer economic links with New Zealand 87
deregulation 85
foreign investment 86
government trade offices 87
industrial policy 9
national vs local policy 9
national competition policy (NCP) 87
protective policies 87
reform initiatives 86, 88
role of SMEs 86
trade links with ASEAN 87
Australian SMEs
attributes 91–2
characteristics
50% single-family controlled 91
83% family owned 91
96% less than 200 employees 86
few professional managers own shares 91
handicaps 91
manager’s characteristics 94
owned and managed 91
rudimentary management 91
slow to restructure 91
strategies
downsize 90
exporting strategy 93
increase exports 90
internationalize operations 90
outsource 90
R&D and near-term strategy 96–7
role of innovation 96
subcontract 90
use of internet 94
virtualization 91
vulnerability 91
‘born global’ 5, 231, 239
Siebel’s instantaneous worldwide presence 234
vs ‘born domestic’ 61
capital formation basis
network capital 9–10
social capital 10, 131
co-ethnic employees 10, 131, 138
co-ethnic sources of finances 133
co-ethnic supplies 133
family-based 138
family labor 138
central processing units technologies
CISC-based 231
RISC-based 231
SPARC 231
Christchurch regional cluster
access to local network 119
externalities 115
family-based origin 116
government support 115, 117–19
Christchurch regional cluster (continued)
icentives 115
inter-firm relation 118
organic development 119–20
soft networks 118
cluster characteristics
cost minimization 108
technology spillover 107
transaction cost minimization 108
transport cost minimization 108
cluster development policies and
practices 9, 106, 184
formation of hard business networks
111
collaborative linkages between small
and large firms 12
COLEP 50
Dana 30
Logoplaste 51–2
Millennium 232
MIPS 231
Siebel 234
companies involved in special relations
and alliances
Accenture 234
Alcatel 52
Andersen Consulting 234
Chrysler 39
Coca Cola and Logoplaste 51
COLEP 50
Dana 39
Danone and Logoplaste 51
Fujitsu–Amdahl 230
Hewlett and Packard 191
Hewlett and Packard 230
Honeywell 230
Kubota 231
L’Oréal and Logoplaste 52
Logoplaste and partners 51–2
Millennium Pharmaceuticals 232
MIPS 231
Motorola 230
Nestlé and Logoplaste 51
Nixdorf 231
Olivetti 231
Prime 231
Samsung 231
Seibel 234
Siemens 231
Sun Microsystems 230–31
Toshiba 230–31
Yamatake–Honeywell 230
Yokogawa and Hewlett and Packard
230
comparison of three-country
knowledge practices 200
common knowledge practices 202
implications 202
for international entrepreneurs
202
lessons 200
variations and differences 200–201
competition
position in the network 13
unit of competition
in the conventional model 13
in the emerging model 13
competitiveness issues
and in-bound FDI 8
and industrial policy 9
and labour productivity 8
and public policy 8
corporations
Accenture 234
Alcatel 52
Andersen Consulting 234
Bell Lab 191
Buyer AG 233
Coca Cola 51
COLEP 50
Danone 51
Eli Lilly 233
Fujitsu–Amdahl 230
Fuji–Xerox 229
Hewlett and Packard 191
Hoffman la Roche 233
Honeywell 230
IMB 229
Kubota 231
L’Oréal 52
Logoplaste 51–2
Lundberg 233
Microsoft 234
Millennium Pharmaceuticals 232
MIPS 231
Monsanto 23
Motorola 230
Nestlé 51
Nixdorf 231
Olivetti 231
Oracle 234
Peoples Soft 235
Index

Prime 231
Samsung 231
SAP 235
Seibel 234
Siemens 231
Sun Microsystems 230–31
Toshiba 230–31
William Shokley Semi-Conductor 191
Xerox 229
Yamatake–Honeywell 230
Yokogawa and Hewlett and Packard 230
countries/regions
Australia 8
Brazil 51
Great Britain 5
Netherlands 11
New Zealand 9
Christchurch 9
Portugal 6, 51
Singapore 11
Spain 51
Thailand 210
Chiangmai 210–12
United States
California 11
cross-cultural differences 184
customer-relations
management (CRM) 234
e-business systems 234
Czech and Japanese women entrepreneurs 159–69
business education and training 168–9
business or gender problems 163–6
decision-making and leadership style 166–8
definition of success 161–3
demographics 159–61
demand-side structural characteristics 69
competitive forces 70
size of domestic market 70
standardized market demand 69
e-commerce 12
advantages for SMEs 209
commitment 12
complexity 12
customization 12
management expertise 12
use for management of accomplishing joint outcomes 224
mutual benefits 224
relations 223
synergy 224
e-commerce potential capabilities for acquiring and collecting information 217
to aid internationalization 208
to aid SME exports 212
conceptual framework 213
definition 208
for developing higher technological products 215
for developing higher value products 215
to empower SMEs to exporting managing SME’s international experience 216
to perform marketing differentiation 214
for targeting specific customer 214
entrepreneurship/entrepreneurs
aspiration 35
ethnic 10
minority 10
women 10, 152–60
environment
ambiguity 8
vicious and virtuous 8
ethnic entrepreneurial theories 125–30
‘Cultural Theory’ 129
‘Enclave Theory’ 128
‘Middleman Theory’ 128
‘Situational Theory’ 129
‘Structural Theory’ 129
‘Theories of Immigration’ 128–9
ethnic entrepreneurs’ networks and enclave 125
ethnic minority entrepreneurs 128
ethnic-based social networks
action set 141–2
network set 134–40
role set 141
experiential learning 5
exporting
and asset structure 19, 29
balance of payment effects 15
and business growth 29, 30
business location of 21, 30
and business size 17, 29
economics of 15
employment of 15
financial leverage 19, 29
and firm’s age 17
fixed asset as ratio of total assets 19
gearing 19
growth motivation 20
impact of business location 21
and impact of business sector 21, 31
impact of infra-structure 21
impact of management 18
impact of proximity to large markets 21
impact of resources 18
impact of size 18
impact of time factor 22
implications
and industry type 21, 31
and innovation 15
and operating risk 18, 29
and product design 20
and R & D 19–20, 30
and technological intensity 19, 30
of British-based SMEs 5
for managerial decisions 28, 33
optimal strategy 16
organizational determinant 16, 17
passive and active 16
for policy formulation 28–9
profitability 20, 30
state of economy 22, 31–2
exporting strategy and impact of firm’s age 27, 33
asset structure 29
business growth 30
financial gearing 29
growth 20
location 30
managerial implication
of annual turn over 33
of asset structure 33
of expertise 33
for exporting SMEs 33
of firm’s age 33
of inter-firm relations 33
of R&D expenditures 33
of resources 33
of size 33
operating risk, 29
profitability 30
R&D expenditure 30
sector 31
size 33–4
state of resources 32
gender issues and discrimination
geographical co-location and clustering 9, 106, 190–92
glass ceiling 10
in Asia 10
in Czech Republic 10
in Europe 10
and international commerce 11
in Japan 10
in North America 10
globalization
impact on Australian SMEs
impact on SMEs
and role of knowledge 85, 88
globalization and structural change
change in Australian economy 86
foreign investment in Australia 86
globalization of supply chain 85
impact of reforms on SMEs 89
increased access to knowledge sources 85
increased competitiveness and competition 85
increased deregulation 85
internationalization of Australian SMEs 85
technological change in communication 85
traditional shift in advantage 87
Hymer’s theory of internationalization 4, 224–5
impact of corporate structure
organization chart 53
outstanding contract 54
Index

integration
horizontal integration see regional and industrial cluster developments; regional and industrial cluster models
integrated outsourcing 7, 42
basic conflicts in sourcing 39
competitive pressures 42
concept 7
control coordination 43–60
cost 45–6
definition 41–2
diffusion of information 42
and direct exporting 7
efficiencies 7
impact on size 43
interdependence 43
risk sharing 46
scale 7
technological change 42
theoretical extension 7
worldwide competition 42
vertical integration
administrative overhead 44
coordination and control 43
cost aspects 43–4
costs 45
impact on core business 44
impact on size 44
intellectual capital content and issues 184
interdependent product development and manufacturing 231
interdisciplinary investigation in exporting 35
inter-firm relationships
co-dependence 230
co-evolutions 230
dependence of young subsidiaries on corporate parents 228
internal markets 226
members of MNE’s supply chain network of sister subsidiaries 228–9
independence 224–5
interdependence 229
privileged 228
internationalization and international expansion 5
advantages
barriers 3
collaboration with large firms 103
firm specific 4
location specific 4
and competitiveness 8
decision to expand
exporting 16–22
increase debt to asset ratio 5
invest
make partnership 51–4
make–buy 38
outsourcing 38
by exporting 5
and home and host environments 8
and home and host government policies 8
by integrated partnership 5
and labour productivity 8
process 3
of small companies 56–9
through alliances 103
through foreign direct investment 5
through subcontracting 103
international expansion theories 225
FDI 225
inbound FDI and competitiveness 8
Hymer’s theory of
internationalization 4, 224–5
Scandinavian models 225
stage model 5, 225
type of multinationals 225
use of parent-subsidiary relations 225, 228–9
use of proprietary advantages to overcome local disadvantages 225
transaction cost theory 226
internationalization
and accumulation of experiential knowledge 227
issues
by e-commerce 12
by ethnic networks and entrepreneurship 10
home government policy 8
home and host environments 8
host government policy 8
modes 8
public policy 8
internationalization (continued)  
of small companies 59–60  
social networks 9  
virtuous and vicious environments 8  
locus of control 228  
through stages model 227  
and use of psychic distance concept 227

knowledge concepts and practices  
carriers of knowledge 189  
communities of knowledge practice 190  
knowledge content 188  
knowledge conversion modes 189  
knowledge culture 188  
knowledge infrastructure 189  
knowledge intensive firms 11  
experimentation 11  
knowledge intensive process 189  
sharing knowledge 11  
knowledge intensity and high technology 11  
knowledge intensive communities and characteristics 191  
knowledge management 11  
assumption 185  
gap 11  
knowledge intensive management 185  
network 185  
organizations 184, 185  
similarities and differences 185  
knowledge practices survey 194  
knowledge content 194  
knowledge culture 194  
knowledge infrastructure 194  
knowledge practices of knowledge process 194  
knowledge-related issues  
explicit 184, 187  
management of 184–5  
tacit and explicit 184, 187  
managing inter-firm relations 12  
methodology/methods 25  
panel data 22  
results and findings 27  
time series databases 26  
variable intercept model 26

minority and entrepreneurial networks  
ethnic 10  
models of inter-firm symbiotic synergy  
Millennium’s partnership model 232–4  
Siebel’s partnership model 234–6  
Sun Microsystems’ supply partner’s model 230–32  
multi-level partnerships and alliances characteristics  
and ‘born global’ 231, 239  
feedback and feed-forward loops model 235  
leveraging partner’s resource 239  
multi-level ‘creative destruction’ 235  
risk and rewards of partnership 235  
risk of takeover by partners 235  
and sequential growth 239  
symbiotic value of partnership 238  
synergetic value of partnership 238  
Millennium’s model 232–4  
Siebel’s model 234–6  
Sun Microsystems’ model 230–32  
networked firms  
advantages 9  
co-ethnic types 10  
density 10  
ethnic minority networks 128  
family-based 10  
informal type 9, 10  
networked firms 11  
management 128, 186–7  
organizational synergy 126  
position of firm in the network 13  
social type 9  
trans-local networks 120  
network age 187  
network theory building 128, 144–6  
ethnic-based social network propositions 145  
social capital propositions 144–5  
thetical propositions 144–6  
networks  
density 142–3
Index

ethnic 125–7
ethnic minority 128
formal/informal 127
kinship 125
patterns 143
social 101, 108–9
supportive 125–6
New Zealand 9
Christchurch 9

oligopolistic reaction and rivalry
among firms 70
organizational synergy in networks 126
outsourcing 4
and direct and indirect exporting 6
integrated 6
and short term costs 6
and synergy 6
and vertical integration 6
vs exporting 7

partnership
benefits 54
community of interest 47
contracts 47
coordination and control 45–7
dependability 45–7
flexibility 45
lessons 54–5
monogamic 56
polygamic 56
synergistic opportunities 47
partnership characteristics of SMEs
reliance on partner 224
symbiosis 225
symbiotic synergy 224
synergy 224
trust 224
profiling organizations’ knowledge
practices 194
Dutch firms 199
Silicon valley firms 198
Singapore firms 197

re-engineering and re-organization
235
Regional and industrial cluster
developments
Baden-Wurttemberg 106
Boston’s Route 128 106

issues
comparative advantage 107
competitive advantage 107
dynamic economic development
106–7
dynamic inter-firm development
106
New Zealand’s Christchurch area 9,
107, 111–14
New Zealand’s Christchurch cluster
107, 111–14
Northern Italy 106
recommendations for clusters 120–21
Silicon Valley 6, 106
Regional and industrial cluster models
Netherlands’ innovation center 192
Polder model 192
day-to-day characteristics 193
Rhineland model 192–3
Silicon Valley’s characteristics 191
Singapore 193
development board 194
productivity and standards board
194
Small Enterprise Bureau 194
relations between firms
management of inter-firm relations
12
symbiotic types 12
synergetic types 12
relationships
between exporting and time 5
export intensity and age of the firm
5
export intensity and financial
gearing 5
export intensity and intangible assets
6
intensity 5
relationship-based privileges at
internally privileged prices 226
access to corporate R&D 226
access to headquarters resources
226
access to MNE’s network of
subsidiary
access to resources 226
relations-related issues
interdependence 13
inter-firm collaboration 10–12
relations-related issues (continued)
management of 12, 228–36
symbiotic 12, 224
synergistic 12, 224
unidirectional 13
risk-related concepts
risk exposure and exporting 18
risk tolerance and exporting 19
risk tolerance in exporting 18
risks of constrained resource 60

Small multinational and related issues
demand side factors 7
foreign direct investments 7
public policy implication of small multinationals 77
rise of small multinationals 7, 60
supply side factors 7
theoretical model 7
theoretical perspective 7
SMEs
Australian-based 8
British-based 5
characteristics
constrained resources 205, 207
customer orientation 205
flexibility 205
qualitative 205
quantitative 205
conventional exporting 207
exporting through electronic commerce 208–9
global expansion 3
growth strategy/motivation 20
internationalization mode of entry 207
Czech-based 10
New Zealand-based 9
Portuguese-based 6
social capital 131
coop-ethnic employees 131
coop-ethnic sources of finances 133
coop-ethnic supplies 133
family labor 138
sourcing
basic conflicts 39
in-sourcing 39
integrated outsourcing 39–40
inter-firm conflicts 39
investment decision 38
joint development decisions 41
make–buy decision 38
market mechanism vs contractual relations 39
outsourcing 39
strategic partnership 40
Sun’s partnership model 231
and partnership standards and expectations 232
and Sun’s score card system 232
Sun-MIP partnership model 231
vs formal partnership management 231–2

techno-culture 183
divergence and convergence 190–91
English and German cultural elites 183
Thai SMEs’ product offerings
e-commerce as a new form of internationalization for SMEs 223
handicraft 210
standardized and customized 204–210
theories
international business 61
internationalization of entrepreneurship 61
internationalization of firms 62
and advertising outlays 67
by alliances 72
capital cost 67
impact of competitive forces 69–73
demand size forces 69
industry age 68
industry characteristics 63
industry growth 68
network of support groups 72
scale economies 65
supply side forces 63–9
supply side structural characteristics 64
technological intensity 66
trade
Australia 92–8 see also Austrade
New Zealand 111
Trans-local networks 120–21
vertical integration
administrative overhead 44
coordination and control 43
costs 45
cost aspects 43–44
impact on core business 44
impact on size 44
vicious and virtuous environments 8

women entrepreneurs and small business characteristics
American 155
Czech Republic 153–4
Japan 153–4

women's entrepreneurship
discussion 174–6
findings and results 157–72
implication of recommendations 176–7
women's entrepreneurship, cultural aspects

entrepreneurial approaches 169–71
comparison of Czech and Japanese approaches 171
Czech and Japanese environmental approaches 172
Czech traits and behavioral approaches 169–70
Japanese traits and behavioral approaches 169–70
expected roles 155
masculinity and femininity 154–5
research questions for women entrepreneurs 156
behavioral approaches 157, 174
environmental approach 156, 172
glass ceiling 157
North American conceptions of entrepreneurship 156–8
rejection model 156
traits attributes and approaches 157, 174