Index

Africa see South Africa; sub-Saharan Africa
Akamatsu, K.
crediting List 5, 22
education 16, 22
identification of three patterns 4, 11, 22
identifying MPX progression as fundamental 5–6
influenced by German Historical School 17, 21–3
influenced by Hegelian dialectics 8, 16
lack of reference to Hume 16, 21–3
long-term growth model with alternating periods 8–9
nationalism 16
originator of flying-geese theory 3
plotting time-series trend lines 5
stages model 17–19
structural change 14, 16–19, 24
time built on Japan’s industrial development 14
unexplored issues
accomplishment of capital intensification and technological advance 9
beyond MPX progression 8, 15
demand-side consumption factors 15
dimensions of mass consumption and massive financial flows 15
FG sequence of MPX 10
MNCs 6
Alden, C. 153
Alter, R. 134, 182
Amsden, A.H. 12, 67, 101
‘anti-trade’ FDI 71–85
Aoki, M. 112, 182
Arbess, D. 175, 180
Arndt, H. 35, 73, 182
ASEAN-4 46, 113, 122–3, 144, 159
Asian Development Bank (ADB) 167
Asian Infrastructure Investment Bank (AIIB) 167–9
Atsmon, Y. 51, 54
Au, K. 192
Balassa, B. 154, 183
Baldwin, R. 34, 183
Barton, D. 170–171
Beardson, T. 146, 183
Belderbos, R. 112, 183
Bellak, C. xi
Bhagwati, J. 79, 154
Bonacich, E. 47, 183
Brautigam, D. xii, 135–7, 140, 142, 153
Brazil 65
Bremmer, I. 96–7, 99
BRIC 124
BRICS 43, 48, 98–9, 126, 150, 167
British Classical School
rejection by Akamatsu 23
relationship with German Historical School 21–2
Broadman, H.G. 126, 153
Browne, A. 163–5, 174
Buckley, P. x, 76
Burgenmeier, B. 56, 184
Cambridge School of Economics 93
catch-up
approach 28–30
China
benefiting from FDI-driven 12, 63–4
debunking view of democracy 165
economic rise, shortening process of 62
model, effective at kick-starting industrialization 164
rise in, impacting global trade 159
and currency 148
development 15, 94, 100
developmental state model as policy for 95–6
Japan’s 3, 5, 55, 72, 108
MNCs as instrument of 8, 83–4, 90
national strategy through
infant-industry protection 5, 62
NIEs 113
signs of tandem, in Africa 150
speed and scope determined by advanced knowledge 103
catch-up economies
absorbing advanced technology 92
government-led, in East Asia 89–90
MNCs spawned by 89
neo-mercantilist strategies 91
seeing value of home-grown multinationals 90, 100–103
catch-up growth
China
critical issue confronting 45
graduating from first phase 85, 117, 162
labor- and export-driven strategy 124
leading in global race of 13
model of 96–100, 118, 142, 159
definition 103
East Asian ideal business milieu for success in 158
in staggered fashion 122–3
end of story 8
FDI-fueled strategy as initiator for 7, 30
flying-geese (FG) patterns of 55
Japan losing comparative advantage as result of 72
MNCs as priority strategy for 144
rates comparison 157–8
S-shaped trajectory 30–32, 54
stages 24, 68–70, 103, 105
‘input-driven’ 30, 31, 117, 141–2
and state capitalism 96–100, 118, 159, 166
state involvement in 92–5, 118
catch-up industrialization
basic pattern of MPX sequence under infant-industry protection, as driver of 14
China’s model effective at
kick-starting 164
export orientation as core strategy of 3–4
FDI as ignition for 68–9
fueling possibility in Africa 140–141
‘lateness’ and rapidity of 105
low-ranking economies’ opportunities for 180
strategies 65–7
‘take-off’ stage of 58
trade, as only driver of, originally 6
Caves, R. 73, 184
caveat to stages theory 28–30
chaebols 65–6, 69, 114
Chang, H-J. 41, 184
Chen, V.Z. 117, 139–40
‘Chimerica’ 162–3
China
additional liability of being Chinese 139–40
Africa’s backlash against 151–2
authoritarian capitalism 98, 164
China-Africa Development Fund 127, 136–8
China dream 162, 174
China-side factors 143–4, 147–51
Communism’s endgame 173–6
Communist Party 42, 93, 96, 98, 117, 162, 165–6, 171–3, 176
communist regime ending, by joining democratic world 178–80
theory of middle-class-led democratization 170–173
diasporas 102, 110, 129, 131, 133, 151–2
economic relations with Africa 121–2
effect of exogenous productivity gain 82
Index

effect of technological progress in export sector 81–2
emulative product development on side-ladder 37–9
example showing relevancy of stages model 115–17
FDI in Africa’s manufacturing 121, 123–6, 148–9
concentration of 141
configuration of 127–34
inexperience with outward 139–40
labor mobility 146
new genre of 137, 140–141
‘pro-trade’ theory 144
‘right’ type of 136
FG formation led by 138–52
how free trade benefits real per capita incomes 80–81, 84–5
inward FDI of 53, 63, 69, 81–2, 144
leader-follower relations 158–60
manufacturing FDI
diaspora formation and networking 131
Ethiopia attracting 136
evolutionary development of 132–4
new genre of 137, 141
reliable statistics on 127–8
vanguard of 128–30
as most promising investor in low-end manufacturing 124–5
new growth phase 83–4
open-door policy 62, 81, 142, 144–5, 148, 165
outward FDI 117, 126, 139, 148
regional dominance 167–70
relations with US
implications of Samuelson’s analysis 83–5
US policy mistake 162–7
rural reservoir of labor 144–7
state capitalism 89, 96–100, 117–18, 159, 164
state-owned enterprises (SOEs) 97, 99–100, 110, 128–9
Clegg, J. xi
Cold War 2.0
ending, by China joining democratic world 178–80
possibility of military confrontation 176–8
comparative advantage
augmentation 35, 74, 78, 144
document of 19, 35, 39–40, 75–6, 78–9
dynamics of MNC-impacted 71–85
endowment-based 31, 40, 60, 68, 70
inter-industry trade reflecting 35
relaying 45–7, 104–7, 122–3, 140
Ricardo-HO hybrid model of 75–8
competitiveness, unique source of 131
consumerism see mass consumerism consumption
and advanced market MNCs 36–67
behaviors 29, 43, 173
China shifting to consumption-driven economy 170–175
domestic 17–18, 31, 83, 85, 116
MNCs as promoters of 44
stages-theoretic framework for 50–54
cross-border supply chains 7, 33, 47–50, 90
Cuba
as last bastion of old-style communism 166
MNCs attracted to 43, 51
US relations 51, 164, 166
democratization, theory of 170–173
developmental states 89–90, 95–6, 104, 118
Dunning, J.H. 59, 72, 104, 119
Eatwell, J. x, 93
economic development
capitalism as powerful engine of 164
as derived phenomenon 103
as series of structural changes 118
see also ladder of economic development
educating and training 65
‘efficiency/inspiration-driven’ modality of growth 30–31
entrepreneurial settlers 128–30
entrepreneurship development 66
Ethiopia
- attracting China’s manufacturing FDI 136–7, 142
- as follower goose 142–3
- labor-driven phase of catch-up more likely in 142
- survey on Chinese investment in 130

Europe
- adoption of strategic trade policy 112
- attracting Chinese acquisitions 117
- China exporting labor-intensive manufactures to 81–2
- doctrine of infant-industry protection taken up by 41
- early post-war recovery 145
- Eastern, reform 175
- Ethiopia as base for exports to 136
- Everything But Arms (EBA) initiative 134
- FDI across Africa 138, 149
- leadership in, and rise of East Asian economies 158
- lifting sanctions against Myanmar 45
- as losing ground in high-tech market 180
- majority of leading consumer products from 50
- as matured and stagnant 159
- percentage of world manufacturing value-added 122
- predecessors of MNCs traced to trading companies from 91
- rapid technological and structural changes 91
- stages theory of growth based on early industrialization 28
- export promotion (EP)
- Akamatsu’s and List’s perspectives on 18
- cum import substitution (IS) 4–5
- impact of MNCs 7
- and infant-industry protection 11
- ‘factor-price magnification’ theorem 144

FDI
- inward
  - China’s 81–2, 144
  - classification of 53
  - fully packaged factory transplantation as 31
  - Japan’s avoidance of 108
  - and MNCs 102
  - more open regimes 45
  - in MPX progression 7, 11–13, 15, 63
  - pro-trade or anti-trade 84
- outward
  - China’s 117, 126, 139, 148
  - and MNCs 102
  - in MPX progression 7, 10–13, 15
  - pro-trade vs. anti-trade 71–85
  - role in catch-up industrialization 65–70
- FDI-led industrial take-off vs. infant-industry protection approach 58–61
- moving from infant industry protection to 62–3
- Ferguson, N. 160–162
- flying-geese (FG) theory of economic development
  - Akamatsu as originator of 3
  - basic pattern 4–5, 18
  - China’s flying-geese formation 138–52
  - developments requiring incorporation 15
- FDI-driven
  - China 11–12, 141–3, 148–9
  - growth efficacy 71, 84
  - process of MPX 7
  - FG-style catch-up 141
  - FG-style growth 15
- China’s Communist regime 170–176
- hegemonic leadership, change of 160–167
- leadership and follower capacity 157–60
- possibility of Cold War 2.0 176–80
- regional dominance in rising China 167–70
FG-style leader-follower relations 140  
fundamental/basic pattern of 4–5, 14, 17–18, 22  
and ‘history repeats itself’ aphorism 55  
List’s stages model as foundation of 17  
need for reformulation 14–15  
as outdated 3  
post-MPX process 8–13  
and rise of multinationals 6–8  
role of nationalism in 16  
same mechanism as cross-border transmigration of manufacturing 16  
structural change 14  
in sub-Saharan Africa 135–52  
foreign-brands substitution 83  
Free Trade Area of the Asia Pacific (FTAAP) 167, 169  
French, H.W. 130, 134, 140, 147, 151  
frugal innovation 36–7  
full-circle model  
role of MNCs in 9–11  
thoretical implications of 11–13  
fundamental/basic pattern of FG formation 4–5, 14, 17–18, 22  
German Historical School  
growth-stages model of 17–19  
influence of 16–17, 22–3  
relationship with British Classical School 21–2  
Germany  
averse to global leadership role 159  
Japan’s intensive use of resources from 111  
joining China-led AIIB 168  
Mittelstand, as backbone of economy 129  
resorting to infant industry protection 62  
Gerschenkron, A. 28–9, 58–9, 103  
globalization  
Akamatsu’s theory in light of 3  
Samuelson’s skepticism about 80–84  
trends of 112–13  
Gray, H.P. 72, 76  
growth-stages model 17–19, 22  
Gu, J. 129, 133–4, 150, 155  
Hamilton, A. 16, 41, 45, 68  
Heckscher–Ohlin (HO) and Ricardo hybrid model of comparative advantage 75–8  
trade theory 73–4  
hegemonic leadership 157, 160–167  
Hirsh, S. 57, 73, 101–2  
Horn, S. xi  
Huang, Y. 194  
Hume, D. 13, 16–17, 19–22  
Huntsman, J., Jr. 175, 180  
Hymer, S. 73, 79  
import, production, export (MPX) process/progression  
Akamatsu’s and List’s perspectives on 18, 22  
also known as IS-EP process 4  
as basic or fundamental 5, 18  
as controllable activity by catching-up countries 4  
driven by infant-industry protection 6, 14, 19  
ideas of, originating from List 5  
impact of MNCs 6–7  
need for reformulation 15  
pattern discovered in Japanese manufacturing industries 5, 22  
as pattern of FG formation 4  
post-process 8–9  
role of MNCs 9–11  
thetical implications 11–13  
import substitution (IS)  
Akamatsu’s and List’s perspectives on 18  
and China 82
The evolution of the world economy

'closed economy' strategy of 64
cum export promotion (EP) 4–5
Hamilton-List approach 68
impact of MNCs 7
and infant-industry protection 11, 62–3
Latin American paradigm 141
see also import, production, export (MPX) process/progression
India
as active retailers in low-end electronic goods 51
democratic capitalism 98
frugal revolution 36
outsourcing boom 43–4, 80
taking advantage of African trade preferences 153
use of abundant labor 125
industrial policy 59, 93, 114
industrial space 32–3, 111
industrial structural policy 95–6, 107–9, 111
industrial transmigration
background 121–2
China as most promising investor 124–5
China’s FDI configurations 127–34
China’s renewed presence in Africa 126
East Asian style 122–3
flying-geese (FG) formation, 138–52
government-supported manufacturing projects 134–8
new round of 45–6
promising sign of 136
industrial upgrading
critical catalyst of 12
inter- 24–6, 33–4
Japanese 95, 106–7
outcome of trade-driven industrial development 5
speed of 53
two types of 24
US-led 40
industrialism
age of 39–40
shift to consumerism 39–40, 42–5
UK-led 40–42
industrialization
Africa’s low level of 122
catch-up 3–4, 6, 14, 58, 65–7, 105, 140–141, 164, 180
China’s involvement in Africa’s 132–4, 138
FDI as ignition for 68–9
perspiration and inspiration 30
role of multinationals in 62–4
stages of 104–5
technological progress for 103
tiers of see ladder of economic development
infant-industry protection
as catch-up strategy 5, 14
effect of stronger 41
FDI as more expedient alternative to 7, 12, 45
FDI-led industrial take-off moving towards 62–4
versus 58–61
idea originator 22
less use as motivational trigger 7–8
model of MPX progression driven by 6–7
MPX phase as strategy of 11
for national industrial development 16, 22
promoting development of manufacturing industries under 18
innovation and technology diffusion 66
'input/perspiration-driven' modality of growth 30–32
institutional reform 30–32, 60–61
inter-industry trade
in cloth and wine example 78
as conventional 7
S-shaped trajectory of growth 54
shift to higher-value-added goods 14
unbundling 34
upgrading 24–6
International Monetary Fund (IMF) 148, 158, 162, 167, 169
intra-industry trade
activity-packed industrial space 32–7
China’s emulative product development 37–9
cross-border supply chains 47–50
monopolistic competition theory of 34–6
more rapid growth 7
shift to higher-end goods 14
Taiwan’s electronics industry 115
vertically integrated 32–6
Japan
Asahan formula 108, 110
assimilation of Western values 158, 180
attracted to Chinese markets 116
bottleneck 55
capability of absorbing advanced foreign technology 12
catch-up 5, 72, 122
‘challenge and response’ mechanism 32
and China relations 147–8
dismantling low-end manufacturing and service 147
FDI-cum-aid resources diplomacy 104–7, 109–10, 118
FDI-type 71–3
flying-geese (FG) theory originating from 3, 5–6, 22
‘hollowing-out (or doughnut)’ effect 149
Ju-ko-cho-dai [heavy-thick-long-big] 111
Kei-haku-tan-sho [light-thin-short-small] 111
keiretsu 69, 139
limited reserve of rural labor 146
MNCs 29, 49–51, 89, 115
national development strategies 95–6
national emigration plan 102
overseas investment 73, 109–10
post-war basis for rapid growth 145
as precedent-setter in comparative advantage relaying 104–7
pursuing IIP strategy 68
resorting to infant industry protection 62
from resource-based to knowledge-based economy 111–13
shedding off low-wage production abroad 9–10, 13, 118–19
small and medium-sized firm sector 144–5
SOEs 99
sogo shosha 106
state role in industrial structural policy 107–9, 111
taking advantage of Britain’s economic liberalism 41
technology transfer 72
Toyota production system
China imitating 38
as consumer-focused multinational 52
flexible (or lean) production 48, 112
setting up in Africa 150
Toyota New Global Architecture 48–9
Johnson, C. 89, 95–6
Keynes, J.M. 41–2, 57
‘kicking away the ladder’ 40–42, 44, 54, 138
Kindleberger, C.P. 73, 145
Kipping, M. xii
knowledge-based economy 111–13, 172
knowledge-based growth stages 98, 113
see also ladder of economic development: tiers 3–5
knowledge diffusion 66–7, 118
Kojima, K. 71–7, 106, 110, 144
Krugman, P.R. 10, 25, 30, 34–6, 117, 145
Kurosawa, T. xi
labor shortages and wage hikes 55, 105, 116, 124–5, 143–4
‘labor shortages in a labor-abundant economy’ paradox 144–7
ladder of consumption 50–54
ladder of economic development catch-up approach 28–30
criticality of institutional and market reforms at different growth phases 31–2
historical pattern of structural changes 26–8 from industrialism to consumerism
UK-led industrialism 39–42
US-led mass consumerism 42–5 inter-industrial upgrading, main ladder 24–6
intra-industry trade, side ladder 32–9
ladder of consumption 50–54
S-shaped growth curve, bottlenecks and institutional reforms 30–31
in structuralist perspective 24
study summary 54–6 supply chains
comparative advantage recycling in Tier 1 industries 45–7
cross-border 47–50
tier 1: endowments-driven industries 26–7
capital/labor intensity ratio 33
catch-up starters growth rate during 157–8
in China 115 comparative advantage recycling in 45–7
criticality of institutional and market reforms 30–31
introduced under British hegemony 39–41
in Japan 106–7, 118
MNC-type 104
in NIEs 113
requiring strong government commitment 60–61
state involvement 105 tier 2: resource-processing industries 26–7
capital/labor intensity ratio 33
catch-up starters growth rate during 157–8
in China 115 criticality of institutional and market reforms 30–31
introduced under British hegemony 39–41
in Japan 108–11, 118
MNC-type 104
in NIEs 114 pollution problem 55–6 requiring strong government commitment 60–61
state involvement 105 tier 3: assembly-based industries 26–7, 30–31
capital/labor intensity ratio 33
in China 115 introduced under American hegemony 40
in Japan 111–12
MNC-type 104
in NIEs 114 requirements 61, 158 state involvement 105 tier 4: R&D-driven industries 26–7, 30–31
capital/labor intensity ratio 33
in China 115 introduced under American hegemony 40
MNC-type 104
in NIEs 114 requirements 61, 158 state involvement 105 tier 5: ICT-enabled industries 26–7, 30–31
capital/labor intensity ratio 33
in China 115–17 introduced under American hegemony 40
MNC-type 104
in NIEs 114 requirements 61, 158 and Shanzhai 37–8
state involvement 105 tier 6: green and health technology (GHT) industries 26–7, 116
Laplume, A. 193
Large, D. 182
Latin America 51, 63, 102, 122, 141, 143, 164, 177 leadership hegemonic, change of American supremacy 160–162
US policy error 162–7
leader-follower relations 157–60
leading-sector stages model of industrial upgrading (or growth)
caveat to 28–30
growth phases 30–32
tiers corresponding to rungs of ladder of economic development 26–8, 32–3
Lewis, A.W. 119, 144–6
Lin, J.Y. 59, 94, 136
List, F. 14, 16–18, 21–3, 41, 45, 57, 68
Lubinski, C. xii
market failures 59, 89–90, 92, 94–5, 118–19
market reform 31–2, 60–61, 130
mass consumerism
age of 40
shift from industrialism to 39–42, 55
by Smithian classification 52
US-led 42–5
mercantilism 90–92
Mexico 46
middle-class-led democratization theory 170–173
Miller, S. 177, 186
MNC-impacted basis for trade 73–8
‘monopolistic competition’ theory of trade 34–6
Morris, I. 160–161
MPX process see import, production, export (MPX) process/progression
Mucchielli, J. 56, 184
multinationals (MNCs)
in Africa 149–50, 162–3
consumer-focused 52
as a creature, and an instrument, of structural transformation/change 28–9, 118
fusion between state and business 92–100
from mercantilism to neomercantilism 90–92
nurturing national enterprises as 100–103
as a critical joint input in industrial modernization 100
East Asian economies, experience of
China 115–17
Japan 104–13
NIEs 113–15
emerging markets
advances into 43–4
rise of, from 89–118
sector coverage in 51–3
using as catch-up instrument 8, 29
and frugal innovation 36–7
home-grown 101, 103, 105, 118
investing, in China 13, 53, 69, 81–5
learning from, in China 37, 44, 63
as main driver of structural upgrading 54
metamorphosis of configurations 40
as powerful jump-starter of industrial growth 45, 64
production fragmentation 35
rise of 6–8
role
in catch-up process 66–7
as global spreaders of industrial knowledge and institutions 29
as major industrial transplanter and knowledge disseminator 9–11, 14–15
in provision of jobs in emerging countries 45
in sparking industrialization 62–4
stages-specific types of 103–4
Mundell, R. 73–5
Myanmar 43, 45–6, 51, 113
Myers, R. 114, 189
Myint, H. 19, 189
Myrdal, G. 133, 189
Nakajima, M. 15, 192
Nathan, A. 163, 189
national development strategies 95–6
national enterprises 100–103
neomercantilism 90–92
NIEs (newly industrializing economies)
assimilation of Western values 158
bottleneck 55
characteristics 113–15
dismantling low-end manufacturing and service 147
dismantling low-wage light industry 143
fast catch-ups 89, 122
industrial transmigration 45–6
limited reserve of rural labor 146
national development strategies 95
open-economy approach 12
outsourcing operations 149
Nissanke, M. xii
Nolke, A. 97, 189, 191
North, D. 32, 190
North Korea 51, 166–7
Obstfeld, M. 35–6
O’Hanlon, M. 177–8
Ohlin, B. see Heckscher–Ohlin (HO)
Ohno, T. 48, 112
‘One Belt, One Road’ (‘New Silk Road’) project 167–8
Orr, G. 178, 190
Osburg, J. 172, 190
overseas investment
China’s 116–17, 128, 139–40
Japan’s 106–12
pro-trade and anti-trade 73
Ricardo’s views on 78–9, 84–5
supporting Tier II industries 39–40
Ozawa, T. ix, 3, 5, 7–9, 12–13, 15, 19, 21, 25, 27–8, 33, 45–6, 48, 56–8, 67, 70–72, 74, 76–7, 93, 106–8, 110–112, 119–20, 139, 144–5, 164
Pakistan 168
Pathak, S. 101, 191
Patrick, H. xi
Paulson, H. 177, 178, 191
Pillsbury, M. 183, 191
Porter, M. 101, 191
Prabhu, J. 36, 192
‘pro-trade’ FDI 35–6, 71–85
‘providing the ladder’ 42–5, 55
Radelet, S. 3, 141
Radjou, N. 36, 192
Ren, B. 153, 192
Ricardian rents 27, 40, 42, 55
Ricardo, D. 19, 21, 84
Ricardo–HO hybrid model of comparative advantage 75–8
view on overseas investment 78–9
‘rich country, strong army’ 96, 124
Rolland, N. 181, 192
Rosecrance, R. 177, 192
Rostow, W.W. 26, 42, 58, 164
Russia 91, 98–9, 124, 126, 152, 164–5, 167–8, 177
Rybczynski, T.M. 74–5
S-shaped growth curve 31–2, 54
Sachs, J. 3, 141
Samuelson, P.
foreign exchange rates theory 154
skepticism about benefits of free trade for US under globalization 80–84
and Stolper theorem 144–5
Samuelson, R. 192
Sauvant, K.P. xii, 99, 117, 139–40
Schneidman, W. 152, 192
Schroppel, C. 15, 192
Schuck, P. 94, 192
Schumperian rents 27, 40, 42, 55
science and technology (S&T) capability 65
Scobell, A. 163, 189
Sender, H. 179, 193
Sercovich, F. xii, 58, 65–7, 68, 70
Shambaugh, D. 173–4
shanzhai 37–9
Shen, N. 192
Smith, A. 19, 21, 50, 52
Soares de Oliveira, R. 182, 183
South Africa 69, 126, 133, 135, 137–8, 141–2, 150–151
Index

South Korea
- catch-up growth 122
- chaebols 65–6, 69, 114
- developing high-tech industries 114
- export-processing zones 69
- free-market export processing zones (EPZs) 144
- goodwill gesture to North Korea 167
- innovation and technology diffusion 66
- Japan shifting production to 106
- national development strategies 95
- national firms 101
- participation in China-led AIIB 168
- as receptive to inward FDI 12
- replication of MNCs overseas business activities 105, 113
- resources diplomacy for oil 114
- stage-focused strategies 68–70
- stages theory, caveat to 28–30
- state-and-industry link 92–100, 102–3, 106, 115, 118
- state capitalism 89, 96–100, 117–18, 159, 164
- state involvement in catch-up growth 92–5, 118
- South Korean 114
- stages of industrialization and home-grown MNCs 105
- state-owned enterprises (SOEs) Brazil 66
- China 97, 128–9
- emerging market MNCs 99
- representing state capitalism 97, 99
- Steinberg, J. 177–8
- Stolper, W.F. 144–5
- Strange, S. 181, 193
- Strauss, J. 99, 142, 188, 192
- structural change
  - Akamatsu’s notion of 14, 24
  - under American hegemony 40, 42–5
  - under British hegemony 39–42
  - driven by innovation 25–6, 118
  - as essence of industrialization 54
  - historical pattern of 26–8
  - MNCs as creature, and instrument, of 90–103, 118
  - stages model for analyzing 59, 68
  - structural rigidities 59, 89–90, 92–4, 118

sub-Saharan Africa
- backlash against China 151–2
- China’s advance into evolutionary development of 132–4
- flying-geese (FG) formation 138–52
- government-supported manufacturing projects 134–8
- as low-end manufacturing transmigration 122–3
- as most promising investor in low-cost production 124–5
- sudden rise of 126
- China’s economic relations with 121–2
- China’s FDI configurations diaspora formation and networking 131
- lacuna of reliable statistics on manufacturing investment 127–8
- vanguard of 128–30
- follower geese in 141–3
- labor shortages in labor-abundant country 144–7
- low level of industrialization 122
- Sun, Y. 137, 193
- supply chains
  - boundary of 33–4
  - comparative advantage recycling 45–7
  - cross-border 7, 33, 47–50, 90
  - as facilitating industrialization of economies 44
  - as ‘the second unbundling’ 34
vertical intra-industry trade and monopolistic theory of trade 34–6

Taiwan
- catch-up growth 122
- constrained resources diplomacy 114
- developing high-tech industries 114–15
- domestic SME development 66
- export-processing zones (EPZs) 69, 144
- innovation and technology diffusion 66
- investment in textiles and clothing industries 134–5
- Japan shifting production to 106
- as market-capitalist economy 96
- multinationals active in Africa 149
- national development strategies 95
- participation in China-led AIIB 168
- as receptive to inward FDI 12
- replication of MNCs overseas business activities 105, 113
- S&T capability building policies 65
- state-industry links 115
- taking advantage of China’s low-end manufacturing capacity 36

Takeuchi, I. 115, 193
Tang, X. 133, 193
Teets, J. 172, 193
Thorbecke, E. xii, xiii
To, J. 102, 193
total factor productivity (TFP) 25, 30
Toynbee, A. 32, 193
Trans-Pacific Partnership (TPP) 167, 169
Tribe, K. 22, 193
Tse, E. 39, 97, 119

UNCTAD 45, 99, 126, 134, 153
United Kingdom (UK)
- adoption of economic liberalism 91
- Africa investment 126
- attracting Chinese acquisitions 117
- as citadel of Western political ideology 171
- hegemony 39–41
- participation in China-led AIIB 168
- predicting end of American supremacy 160
- UK-led global capitalism 27
- UK-led industrialism 40–42, 54, 62, 160
United States (US)
- American supremacy 160–162
- as citadel of Western political ideology 171
- hegemony 39–40, 160–165
- possible US policy error 162–7
- skepticism about long-term benefits of free trade
  - effect of China’s exogenous productivity gain 82
  - effect of China’s technological progress in export sector 81–2
  - how free trade benefits China and US capita incomes 80–81, 84–5
  - implications of Samuelson’s analysis for relations with China 83–5
- US-led global capitalism 27, 43, 54–5, 164
- US-led mass consumerism 42–5
- ‘unlimited-labor-supply’ growth model 144–5

Vernon, R. 73, 194
Voss, H. xi

Wade, R.H. xiii, 59, 93
Wang, Z. 167–70
Williamson, O. 73, 194
Womack, J.P. 48, 112
Index

World Bank
- adopting stages perspective 69–70
- on Chinese migrant labor to Africa 143–4
- contributions to upkeep 158
- market-primacy neoclassical economics, thinking dominated by 59
- need for engagement with outside world 162
- persuading China to invest in Africa 46, 69, 121–2, 125, 153

survey on Chinese investment in Ethiopia 130, 136
working paper on migration of Japanese industries 72

Xavier-Oliveira, E. 191
Young, S. xii
‘Youwei’ 174, 178
Zakaria, F. 161, 194
Zelhan, P. 161, 194