

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
theory 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. *xii*
- 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

- 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. *x*
- 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
 - doctrine 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
 cum-aid resources diplomacy 104–7, 109–10, 118
- 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
 flying-manufacturers theory
 Akamatsu’s failure to notice 22–3
 essence of 19–21 [Please change
 ‘critique’ to ‘essence’]
 as precursor of flying geese theory
 19–20
 follower capacity 157–60
 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
 theoretical 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
 Highfil, J. *xii*
 Hirsch, 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
 theoretical implications 11–13
 import substitution (IS)
 Akamatsu’s and List’s perspectives
 on 18
 and China 82

- ‘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
- labor-driven strategy 144
- 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
- Schroepel, C. 15, 192
- Schuck, P. 94, 192
- Schumpeter, J.A. 14, 22, 24–7, 30–31, 56–7
- Schumpeterian 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

- 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
 as market-capitalist economy 96–7
 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 for
 - 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
- Vietnam 46, 60, 99, 113, 115, 124, 136, 165, 167
- 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

- 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
Zeihan, P. 161, 194

