
Index

Titles of publications are shown in *italics*.

- above-the-line employees, film and TV industry 126–7
- absorptive capacity of nations 274
- academic programs and film and TV industry 139–40
- Acclaim Entertainment 163
- advertising film sector, Massachusetts 138
- Africa, air transport carriers 449
- Agarwal, R. 258
- agglomeration economies
 - costs and benefits 389
 - film and TV industry, Massachusetts 136
 - and high-tech clusters 208–9
 - and project-based production 109
- Agilent Technologies 222
- Agrawal, A. 261, 392
- agribusiness sector 305–34
 - FDI 306–15
 - FDI host countries 318–23
 - location of food and beverage MNEs 315–18
 - patented inventions 328–33
 - research and development 323–33
- agricultural land, Netherlands
 - impact of sea level rise 376
 - and water management 380–85
- Ahlbrandt, R.S. 18, 23
- air transport industry 430–57
 - air traffic distribution 433–6, 442–4
 - carrier networks 444–54
 - global regional markets 437–42
 - trends 431–2
- alliances
 - airlines 436
 - European auto industry 84
- Amin, A. 231
- Andersen, E.S. 309
- animated films and video game industries
 - Japan 156–7
 - UK 163–4
 - US 160–61
- Añón-Higón, D. 277
- Anselin, L. 1, 401, 405
- apparel manufacture, *see* garment manufacture
- Apple
 - mobile handset firm strategy 243–4, 247
 - and video game industry 159
- Arcelor Mittal 28, 32, 33–4
- Archibugi, A. 325
- architectural innovation 246
- Arkansas, steelmaking 20
- Aron, R. 265
- Arora, A. 257, 264
- artistic occupations
 - and cultural industry presence 178–85
 - self-employment 285–7
- Arzaghi, M. 392
- Asia
 - air traffic distribution 444
 - air transport carriers 449–50
 - air transport market liberalization 431
 - steel production 25–8
 - see also* China
- assembly plants
 - auto alley 45–9
 - and modularization 85–6
 - offshore 411–18
 - and supplier networks 53–6
- Atari 158–9
- Audretsch, D.B. 390, 392, 400, 401
- Australia, air transport carriers 454
- auto alley 43–53
 - carmaker–supplier networks 53–6
 - north–south differences 56–62
 - US and foreign-owned carmakers 58–60
- auto industry
 - Europe 67–93
 - Mexico 418
 - offshore assembly 413–14
 - R&D labs, spatial concentration 399
 - and steel industry restructuring 18–19
 - US 38–63
- Autor, D. 265
- Balasubramanian, S. 262
- Bargerveen nature reserve 382–4
- basic oxygen furnace (BOF) 12, 16
- basing-point pricing and steel industry 15
- Batchelor, Joy 164
- Bayma, T. 261

- Beacon, New York, museum development 196, 197–203
- Beaudry, P. 259
- Becattini, G. 479
- bedroom coders and UK video game industry 161–2
- Beeson, P. 21
- behavioural theory of the firm 211, 212
- below-the-line employees, film and TV industry 127
- Belussi, F. 480
- Benjamin, D. 423
- Beyers, W. 172, 185
- Blackton, Stuart 163
- Blinder, A.S. 264, 265
- Boise, Idaho 216, 221–4
- Bond, S. 290–91
- Booth, Walter 163
- Bordenave, G. 67, 69–70
- Boschma, R.A. 210
- Bourlès, R. 292
- Bourtanger Moor 382
- Brainard, L. 427
- branch assembly plants, vehicle production 42–3
- Brandt, N. 277
- Brazil
IT sector 421–2
US manufacturing outsourcing 415
- Brookings Institution 355–6
- Brynjolfsson, E. 261
- Buckley, P.J. 233
- Burch, D. 308, 310, 314
- Bushnell, Nolan 158, 159
- business environment and national economic growth 276
- Business Operations Survey, New Zealand 463
- business services, California, occupational structure 173
- Caballero, R. 287, 289
- Cairncross, F. 253
- California, occupational structure 173
- Cameron, G. 277
- Canada, film and TV industry subsidy 128
- Cañas, J. 418, 426
- Cantwell, J. 326
- capital availability and vehicle production 41–2
- capital flows, agribusiness sector 311–5
- capital management, steel industry 23
- Capron, W.M. 15
- car manufacturing, *see* auto industry
- Carlino, G.A. 401, 402, 403
- Carnegie Steel Company 12
- Carrillo, J. 417, 418, 425–6
- cartoon films, *see* animated films
- Casson, M.C. 233
- Caves, R.E. 124
- CD-ROM development, impact on video game industry 165
- Central and Eastern European Countries, auto industry 77
- Cette, G. 292
- Chadha, A. 32
- Chaminade, C. 237
- Charlot, S. 258
- chemistry R&D labs, US 398
- China
air transport carriers 449
air transport market liberalization 431
and European auto industry 81
offshore assembly industry 412
steel consumption 28
steel industry 32
- Chinitz, B. 2
- Christensen, C.M. 16
- cities and innovation, New Zealand 461–2
- Clark, D.E. 192
- Clark, K.B. 246
- climate change, impacts on water management, Netherlands 373–9
- cloak and coat agreement 114
- clothing manufacture, *see* garment manufacture
- clusters
emergence theories 208–10
European auto industry 78–80
knowledge clustering 390–92
northwest Ohio greenhouse cluster project 345–51
R&D labs, US 393–408
and social capital 341–53
vehicle production, Michigan 40–42
- Coasian approaches to the firm 233–6
- Codemasters 162
- Coe, D.T. 276
- cognitive limits and social capital 342–5
- Cohendet, P. 231
- collective bargaining and garment industry, New York 113–15; *see also* trade unions
- comic art
Japan 156
UK 163
US 160
- commercial films production, Massachusetts 138
- communication costs, impact on regional economies 254–5
- communities, virtual 247–8

- communities of practice 152
 compensation systems, film and TV industry 126–7
 Compete with Canada Act 128
 competition
 air transport markets 441–2
 and European auto industry 82–3, 88–9
 competitiveness, industrial districts, Italy 481–2
 computer programmers and video game industry 161
 computers, *see* information technology
 congestion costs 389
 consolidation
 European auto industry 83–5
 steel industry 28–32
 consumer trends and European auto industry 87–8
 continuous casting in minimills 22–3
 contracting practices, New York garment industry 119–20
 control strategies, mobile handset industry 241–4
 convergence effects of IT investment 259–60
 Cooper, A. 212, 214
 cooperative ventures, European auto industry 84
 cost recovery crisis, European auto industry 83
 Courant, P.N. 192
 craft-like production 99–100
 Crean, Sarah 145
 creative skill transfer and video game industry 154–64, 165, 166
 Crespi, G. 291
 Criscuolo, P. 326
 cross-skilling, steel industry 23
 cultural amenities, impact on local economy 191–203
 cultural industries
 and artistic occupation distribution 178–85
 definition 176–8
 Cuneo, P. 284
 Currah, A. 245
 Czech Republic, auto industry clusters 79

 Dalkir, K. 342–3
 Darling, Richard and David 162
Death of Distance, The (Cairncross) 253
 decentralized production
 auto industry 70–71
 US film and TV industry 127–9
 Dei Ottati, G. 486
 Delta Plan, Netherlands 373
 Detroit, vehicle production 41
 Disney, Walt 160

 district water boards, Netherlands 371–2
 divergent effects of IT investment 259
 documentary filmmaking, Massachusetts 138–9
 Dodge Brothers 41
 Doeringer, Peter 145
 drought, impact on Netherlands water management 378–9
 Dunbar, R. 344
 Dunning, George 164
 Dunning, J.H. 315, 318, 334
 Duran-Lima, J. 415
 Duranton, G. 258, 390, 391–2, 408

 e-waste, regional management 357–65
 Eastern Europe, auto industry 77
 Echeverri-Carroll, E.L. 416, 427
 eclectic paradigm 307–8
 ecology of entrepreneurship 211–12
 economic downturn and European auto industry 90–92
 economic growth and air transport industry 431
 educational institutions and film and TV industry 139–40
 educational systems and innovation and growth 275
 efficiency contracting, garment industry 119–20
 electric arc furnace (EAF) steelmaking 13–14
 and industry restructuring 17–18
 Electronic Arts 159
 electronics maquiladoras 417–18
 Ellison, G. 389, 391, 400, 408
 emissions standards and European auto industry 87
 employment
 auto industry, Europe 74–5, 91
 film and TV industry, US 128–9, 130–33
 garment manufacture, US 110–11
 industrial districts, Italy 481
 End-of-Life Vehicle (ELV) Directive 87
 entrepreneurship
 and cluster formation 208–10
 and firm building 210–14
 second-tier high-tech regions 215–24
 environmental regulation and European auto industry 86–7
 Etna Valley district, Italy 485
 Europe
 air transport carriers 451–2
 air traffic distribution 443–4
 air transport networks 440
 auto industry 67–93
 see also European Union

- European Common Aviation Area (ECAA)
431
- European Union (EU)
air transport market liberalization 431
environmental regulation and auto industry
86–7
EU–US productivity gap 291–4
industrial policy and auto industry 92–3
national productivity variations 293–4
evolutionary theory of the firm 211
exchange rates and offshoring industry
competitiveness 424
external knowledge, industrial districts, Italy
489–90
externalities
film and TV industry, Massachusetts 139–41
garment manufacture, New York 111–15
- Fabling, R. 463, 476
- Falcus, Darren and Jason 162
- fashion and design knowledge pools, New
York 112–13
- FDI, agribusiness sector 306–15, 333–4
host countries 318–23
sources 307–15
- Feldman, M.P. 390, 392, 400, 401
- Feser, E. 172
- film and television industry 123–42
decentralization 127–9
labour market structure 126–7
Massachusetts 129–42, 144–5
structure 125–6
and video game industry 156–7, 160–61,
163–4
- financial crisis and European auto industry
90–92
- firm building and entrepreneurship 210–14
Hewlett-Packard, Boise 221–2, 223–4
Micron Technology, Boise 221, 222–4
Silicon Forest, Portland 217–21
- firm profitability, impact of museums 193–4
- firm size and innovation, New Zealand
460–61, 476
- firm strategies
mobile handset industry 241–8
and smile of value creation 238–9
and virtual communities 247–8
- flexible specialization 99
and entrepreneurship 213
and high-tech clusters 209
- flood defences, Netherlands 372–3
- Florida, R. 172, 192, 193
- Florida Steel Corporation 21
- food and beverage industry
FDI 322–3
MNEs 305–6, 308–18
R&D location 324–5, 326–33
- Ford Motor Company 40–41, 42–3
- foreign multinationals and industrial districts,
Italy 488
- foreign-owned carmakers in US 50–52,
58–60
- Forest Service Radio Laboratory (FSRL)
216–17
- Forman, C. 256, 257, 259, 262, 264
- France, auto industry clusters 79
- free trade agreements
and offshore assembly 412
and textile maquiladoras 417
- Freund, C. 263–4
- Frey, B. 191
- Friedman, T. 253, 254
- fuel cost and air transport industry 432
- Gallagher, K.P. 417, 418
- Gao, Y. 482
- garment manufacture, New York 110–23,
143–4
- Gaspar, J. 409
- geography of proximity 69
- Gereffi, G. 425
- Germany
air transport carriers 451
auto industry clusters 78–9
- Ghemawat, P. 35, 264
- Giarratani, F. 21, 24
- Giddens, A. 248
- Gilmer, W.G. 418, 426
- Glaeser, E.L. 1, 2, 389, 391, 409, 411
- globalization
impact on industrial districts, Italy 482–3
impact of IT 263–5
- glocalization, European auto industry 69,
71
- Goldfarb, A. 258, 261
- Goldmanis 262
- Goolsbee, A. 258
- Goss, J. 308, 310, 314
- Grabher, G. 103
- greenhouse cluster project 345–51
- Griffith, D.A. 305
- Griffith, R. 286, 290
- Griliches, Z. 271, 277, 284, 285, 289
- Grimes, A. 463, 476
- Grossman, G.M. 414
- ground level fall, Netherlands 374
- group purchasing of natural gas 349–50
- Gruben, W.C. 417
- Gruver, G. 24
- Guimarães, P. 389, 408

- Hagerdoorn, J. 153
Halas, John 164
Hall, B.H. 277, 284, 290, 402
Hall, S. 413
Hallmark Cards 186
Harhoff, D. 284
Hawkins, Trip 159
Hecksher–Ohlin effect, industrial districts,
Italy 483–4
Heijungs, R. 359
Hekman, J.S. 15
Helpman, E. 276, 414
Henderson, J.V. 392
Henderson, R.M. 246
Hewitt-Dundas, N. 462
Hewlett-Packard 221–2, 223–4
high-tech sectors
cluster emergence theories 208–10
industrial districts, Italy 485
and R&D investment 283–5
second-tier high-tech regions 207–8,
215–24
Hill, C.W.L. 248
Hirschman, A.O. 235
Hodson, C. 326
hollowing out, automotive industry, Europe
70–71
Holmes, T.J. 392, 413
Hoover, E.M. 2
house prices, impact of local museums 191–2,
194–203
household welfare, impact of local museums
192–4
Hualde, A. 425
Huawei 240
hub-and-spoke networks, air traffic 438–40
Hudak, S. 405
human capital
and R&D labs clustering 401, 402–3, 403–4,
407
and spinoff activity 214
human cognitive limits and social capital
342–5
Iammarino, S. 325
IATA (International Air Transport
Association) data 432
IATSE 134–5
ICAO (International Civil Aviation
Organization) data 432
Iguana Entertainment 163
ILGWU 115, 116
incremental innovation 245–6
India, offshore service industry 413, 422–5
industrial clusters, *see* clusters
industrial districts
Italy 479–91
Marshallian 479–80
industrial policy and European auto industry
92–3
industrial theory, regional 172
industry evolution 153–4
and inter-sectoral skill transfer, video game
industry 154–64
industry structure, film and TV industry
125–6
information technology
adoption rates 256–8
and geography of economic activity 253–66
and innovation 260–61
and local economies 258–60
and offshore service industry 263–5, 412–13
and retail 261–3
and steel industry restructuring 32–4
information technology sector
occupational structure, California 173
labour force and wages, India and Mexico
423–4
Monterrey 422
startups, Latin America 421–2
Infosys Technologies 423
infrastructure and growth 274–5
innovation
agribusiness sector 328–33
and firm strategies 245–7
industrial districts, Italy 483–5
and information technology 260–61
New Zealand 459–76
and spinoff activity 213
Innovation Survey of the Manufacturing
Sector 463–5
input–output analysis on e-waste flows
357–70
institutional environments
and economic growth 276
and food and beverage MNEs 309–10
intangible assets 230
integrated steelmaking 12–13
Intel 219–21
intellectual assets 230
internalization (I) advantages 308
Isard, W. 2, 15
Italy
auto industry clusters 79
industrial districts 479–91
Jacobs, J. 400
Jacobs spillovers 400, 401, 403, 406, 407
Jaffe, A. 287, 289, 409
Janakiraman, S. Jani 423

- Japan
 air transport carriers 449
 video game industry 155–8, 165
- Jaumandreu, J. 294
- Jensen, C. 62
- Jensen, J.B. 264, 425
- Jones, C.I. 273
- Junqueira-Botelho, A.J. 421–2
- just-in-sequence 55
- just-in-time production 53
- Kahn, J.R. 192
- Kansas City, creative industry occupations
 186, 187
- Kassar, Ray 158–9
- Keller, W. 392
- Kenosha, Wisconsin, impact of museum
 development 195, 197–203
- Kent, S. 158
- King, R. 413, 423
- Klenow, P.J. 258
- Klepper, S. 210, 214
- Klette, T.J. 290
- Kletzer, L.G. 264, 425
- Klier, T. 54, 55, 64, 94, 413, 414
- Knickerbocker, F.T. 323
- knowledge-based theory of the firm 214
- knowledge clustering 390–92
- knowledge-intensive industries 232–3
- knowledge obsolescence 287–8
- knowledge spillovers and R&D clustering 390,
 400, 402–7
- Kohlhase, J.E. 411
- Kolko, J. 259–60, 266
- Koo, J. 172
- Kortum, S. 290
- Krugman, P. 1, 2, 390
- Kuenne, R.E. 2
- Kumar, N. 32
- labour
 auto alley 62
 garment industry 110–12, 113–15
 labour costs, film and TV industry 140–41
 spatial divisions 171–88
- labour market structure, film and TV industry
 126–7
- labour unions, *see* trade unions
- Lagendijk, A. 67
- Lamming, R. 68
- Latin America
 air traffic distribution 444
 air transport carriers 452–3
 offshore industries 411–26
- Leachman, C. 223
- Leachman, R. 223
- lean manufacturing 53
- Leland & Faulconer Manufacturing Co. 41
- Lev, B. 248
- Levy, F. 265
- liberalization, air transport industry 431–2
- Lichtenberg, R.M. 2
- life cycle assessments (LCAs) 356–7, 358
 e-waste management system 357, 358–370
 and input–output modeling, urban recycling
 355–70
- linkage economies 235–6
- Litan, R.E. 427
- Liu, Y. 265
- Local 481 (IATSE) 134–5
- location
 and IT adoption 254–5, 256–8
 and value chains 231–2, 236–9
- location (L) advantages of food and beverage
 MNEs 309–10, 333
- locational Gini coefficient 390–91
- logistics, car maker–supplier networks 54–5
- Los Angeles
 creative industry occupations 186
 garment industry 120–22
- Los, B. 284
- low-tech sectors and R&D investment 283–5
- Lucas, R.E. 193
- Lumenga-Neso, O. 276
- Lundvall, B.-Å. 309
- Lung, Y. 67, 69–70
- Luz, D. 427
- Madill, J.J. 351
- Mairesse, J. 284, 290, 294
- Malecki, E.J. 233
- Malerba, F. 154
- managerial factors and steelmaking
 restructuring 16–17
- manga* and video game industry 156
- Mansfield, E. 289
- manufacturing sector
 outsourcing 415–18
 relocation, industrial districts, Italy 487–8
 technology transfer 285–7
- maquiladora industry, Mexico 416–18, 425–6
- MAR spillovers 400, 402–3
- market connections and entrepreneurship
 212–13
- markets
 and innovation, New Zealand 462, 476
 and national productivity 275
- Markusen, A. 172, 215
- Marshall, A. 102, 479
- Marshallian industrial districts 479–80

- Martin, R. 208
 Maskell, P. 211
 Massachusetts, film and TV industry 129–42, 144–5
 Massachusetts Film Office (MFO) 141
 Mastertronic 162
 McCann, P. 317
 McCarthy, K.F. 192
 McMillen, D. 55, 64
 Mellander, C. 192
 mergers and acquisitions
 European auto industry 83–4
 steel industry 28–32
 Mexico
 offshore assembly (maquiladora) industry 415–18, 425–6
 offshore service industry 422
 MFO (Massachusetts Film Office) 141
 Michigan, vehicle production clusters 40–42
 Micron Technology 221, 222–4
 Middle East, air transport carriers 453
 Midler, C. 100
 migrant labour, industrial districts, Italy 490
 Millar, V.E. 231
 Miller, G.A. 343
 mingled occupational systems 105–7
 minimills 17, 19–25
 mining industry and steel industry 32
 Miranda, Italy 485, 490
 Mithas, S. 264–5
 Mittal, Laxmi Nivas 32
 Miyamoto, Shigeru 155, 165
 MNEs, *see* multinational corporations
 mobile handset industry 239–40
 Mobius, M. 260
 Modena-Sassuolo 489–90
 modularization, auto industry 85–6
 Mohnen, P. 290
 Monterrey, offshore service industry 422
 Monterrey Institute of Technology, startup programme 424–5
 MOSs (mingled occupational systems) 105–7
 motion picture industry, *see* film and television industry
 motor vehicle industry, *see* auto industry
 Mudambi, R. 317
 Muller, A. 317
 Multi Fibre Agreement (MFA) 417
 multinational corporations
 competitive advantage 307–10
 food and beverage industry 305–6, 308–18
 and industrial districts, Italy 489
 R&D, food and beverage industry 324–5, 326–33
 steel 28–34
 Murnane, R.J. 265
 museums, impact on local economy 191–203
 Myers, Seth 145
 NAFTA 417
 National Industry Recovery Act (NRA) 116
 national systems of innovation (NSIs) 231
 natural gas collective purchase 349–50
 natural resources
 and food and beverage MNEs 310
 and R&D labs clustering 401
 Nelson, R. 153, 211
 Neoris 422
 Netherlands, water management 371–86
 network structures, air transport industry 438–40, 444–54, 456–7
 New York garment industry 110–23
 New Zealand
 air transport carriers 454
 economy 460
 innovation 459–76
 niche market innovation targeting, New Zealand 474
 Nike, value chain 237
 Ning, Y. 316
 Nintendo 155, 165, 166–7
 Nokia 242–3, 244, 247
 Nokia Design 241
 North Adams, impact of museum development 196–7, 197–203
 North America
 air transport carriers 453–4
 hub-and-spoke air transport networks 438–40
 see also Canada; Mexico; United States
 Northwest Ohio greenhouse cluster project 345–51
 NSIs (national systems of innovation) 231
 Nucor Steel 21, 23

 O'Mahoney, M. 285
 OAG (Official Airline guide Historical MaxPlus) data 432–3
 occupational labour markets 107–8
 offshore industries 411–26
 IT-enabled work 263–5
 Latin America 415–26
 manufacturing 415–18
 services 263–5, 413, 418–25
 theory 413–15
 Ohio, greenhouse cluster project 345–51
 oil and gas field machinery R&D labs, US 399
 Olds Motor Works 41
 OLI paradigm 307–8
 Oliver, Philip and Andrew 162

- OLMs (occupational labour markets) 107–8
 Olsen, Ken 158
 Ono, Y. 257
 ore-based steelmaking capacity 18
 organization of production 68–71
 organization structure and entrepreneurship 214
 organizational ecology 211
 Ortega-Argilés, R. 285
 Osborn, R. 153
 outsourcing, Apple 243
 outward FDI, agribusiness sector 311–15
 Overby, E. 262
 overcapacity
 auto industry, Europe 89–90
 garment industry, New York 119–20
 Overman, H.G. 390, 391–2
 ownership (O) advantages 308
- Palpacuer, F. 145, 317–18
 Paris, J.J. 82
 passenger numbers, air transport 436, 440–41, 456
 Patel, P. 326
 patents 325–6
 food and beverage MNEs 326
 as indicator of knowledge spillovers 402
 payment systems, film and TV industry 126–7
 peat bog preservation, Netherlands 382–4
 Pedersen, T. 249
 Pennsylvania, steelmaking 14–15
 Penrose, E.T. 211
 pharmaceutical R&D labs, US 398
 Piore, M.J. 99, 108
 Polanyi, M. 254
 polders, Netherlands 379–80
 Porter, M. 1, 2, 102, 208, 231
 Portland, Oregon 216–21
 post-national phase of development 70
 Prato textile district, migrant labour 490
 Pritchard, B. 310
 private and social returns to R&D 287–9
 product cycle and decline of garment industry 115–17
 product variation and entrepreneurship 213
 production linkages car manufacture 53–4
 production processes and entrepreneurship 213
 Production Services Tax Credit 128
 productivity, industrial districts, Italy 481–2
 productivity and R&D 271–91
 EU and US 291–94
 firm level 289
 industry level 277–85
 national level 272–6
 project-based production 100–101, 103–9, 142–4
 film, TV and video industry 123–42
 garment industry 110–123
 Protocol of Peace 114
 Putnam, R.D. 341
 Pyndt, J. 249
- Quintin, E. 425
- R&D, *see* research and development
 rainfall change and water management, Netherlands 377–9
 Rauch, J.E. 193
 recycling regulations and European auto industry 87
 Reed, M.R. 316
 regimes of accumulation 68
 regional development and spatial divisions of labour 187–8
 regional occupational structure 171–88
 cultural industries 176–87
 regionalization, European auto industry 71
 Renski, H. 172
 research and development
 agribusiness sector 323–33, 334
 Apple 244
 collaboration, impact of IT investment 260–61
 Nokia 244
 and productivity 271–91
 spatial concentration 389–90, 392–408
 research and development-based growth theories 273
 resource-based view of the firm 211
 retail purchases and IT 261–3
 Reynolds-Feighan, A.J. 434
 Rincon, A. 284
 Roback, J. 192
 Romania, auto industry clusters 79
 Roper, S. 462
 Rosen, S. 192
 Rosenblat, T. 260
 Rosenthal, S. 394, 400, 402
 Rossi-Hansberg, E. 414
 Rubenstein, J.M. 50, 54, 55, 62, 64, 94, 413, 414
 Rugman, A. 316
 Ruigrok, W. 71
 rural areas, Netherlands 380–85
 Russell, Stephen 158
- Sabel, C.F. 99, 108
 Sadler, D. 70–71
 SAG 135–5

- Samsung 240
 Sasken Communication 423
 Sassenou, M. 290
 Satyam 423
 Saxenian, A. 102, 209, 401, 408
 Schankerman, M. 290
 Schmidt, L. 192
 Schrock, G. 172
 Schumpeterian endogenous growth models 273–4
 Scott, A. 1, 2, 185
 scrap-based minimills 22–5
 scrap-based steel plant capacity, US 20
 scrappage schemes and European auto industry 92
 sea level rise, impact on Netherlands 374–7
 Seattle, creative industry occupations 186
 second-tier high-tech regions 207–8, 215–24
 Sedita, S.R. 480
 self-employment status and industry orientation 185–7
 semi-endogenous growth theory 273
 Senauer, B. 305
 service vendors, film and TV industry, Massachusetts 140
 services sector
 industrial districts, Italy 486
 offshoring 263–5, 413, 418–25
 technology transfer 285–7
 Sheff, D. 159
 Silicon Forest, Portland 216–21
 Silicon Valley 209
 and video game industry 158
 Sinai, T. 262
 skill transfer and industry evolution 152–68
 video game industry 154–68
 Smakman, F. 249
 smile of value creation 236–9
 mobile handset industry 240–41
 social capital and industrial cluster development 341–53
 social returns to R&D 287–9
 Soft Landing Program, Monterrey Institute of Technology 424–5
 Softek 422
 software R&D labs, US 398
 Solow, R.M. 285
 Southwest region, air transport carriers 454
 Spain, auto industry clusters 79
 spatial concentration
 and congestion 389
 industries 390–91
 R&D labs, US 389–90, 392–408
 see also clusters
 spatial dependence, R&D labs 404–7
 spatial division of labour 171–88
 spatial organization of production, auto industry 68–71
 specialization strategies 232
 and innovation 246–7
 and virtual communities 247–8
 spinoff regions 207–27
 Spulber, D.F. 249
 Staber, U. 103
 steel industry 11–35
 global restructuring 25–35
 minimills 19–25
 MNCs 28–34
 steelmaking process 12–14
 technology-based competition 17–19
 US restructuring 14–17
 Sterlacchini, A. 283
 Stevens, J.J. 392
 Strange, W.C. 394, 400, 402
 subsidies, film and TV industry 128–9
 Suh, S. 359
 suppliers
 auto components, Europe 76, 85
 and film cluster, Massachusetts 140
 garment industry, New York 112
 supply networks, auto industry 53–6
 Sweden, auto industry clusters 79
 Sydow, J. 103
 systems of accumulation 68
 Szepter, S. 342

 Tata Consultancy Services 422–3
 tax incentives, US film and TV industry 128
 Taylor, M. 211
 technological development
 and European auto industry 86
 and film and TV industry decentralization 127–8
 global steel industry restructuring 17–19, 32–4
 and video game industry 164–7, 168
 technological environment and L-advantages 309
 technological linkages 235
 technological obsolescence 287–8
 technology transfer
 services and manufacturing sectors 285–7
 steel industry 33
 Tektronix 217–19
 television and film industry 123–42
 television production 124, 137–8
 tertiarization of industrial districts, Italy 486;
 see also services sector
 textile maquiladoras 417
 Tezuka, Osamu 156–7

- theory of mind 344
 Thompson, P. 172
 Thompson, W. 172
 ThyssenKrupp 33
 Tiffany, P.A. 29–32
 Timmer, M.P. 292
 Toledo, impact of museum development
 195–6, 197–203
 Toyota 51–2
 Tozanli, S. 308, 311, 314, 317–18
 trade
 European auto industry 73–4
 and innovation 275–6
 trade unions
 film and TV industry, Massachusetts 134–6
 garment industry, New York 113–15
 transaction cost analysis and value chain
 control 233–6
 transportation costs and offshoring 411
 Turing, Alan 161
 Turkey
 air transport carriers 451–2
 auto industry clusters 79
 unions, *see* trade unions
 United Kingdom
 auto industry clusters 79
 video game industry 161–4
 United States
 air service networks 438–40
 air traffic 433–5, 441, 442
 air transport carriers 453–4
 film and TV industry 123–42
 motor vehicle industry 38–63
 offshore assembly 415–18
 steel industry 14–25
 US–EU productivity gap 291–4
 video game industry 158–61
 universities
 film and TV studies 139–40
 and R&D labs clustering 401–2, 403, 406
 urban congestion 389
 urban recycling and remanufacturing 355–6
 e-waste management 358–70
 user and producer theory 309
 user-led innovation, video game industry
 166–7
 Uzzi, B. 145
 value chains 231–9
 mobile handset industry 240–44
 smile of value creation 236–9
 and value added 236–8
 value creation, creative industries 230–31
 Van Alstyne 261
 Van Tulder, R. 71, 317
 Vang, J. 237
 Vecchi, M. 284, 285
 vehicle parts production
 Europe 76
 US 42, 52–3, 60–61
 vehicle production, *see* auto industry
 Ventura-Dias, V. 415
 Venturini, F. 283
 Venturini, L. 305
 Verbeke, A. 316
 Vernon, R. 2
 Verspagen, B. 284
 vertical integration strategy 232
 and innovation 245–6, 247
 and virtual communities 248
 video game industry evolution 154–68
 Japan 155–8
 and technological evolution 164–7
 UK 161–4
 US 158–61
 virtual communities and firm strategy 247–8
 wages
 impact of museums in neighbourhood
 194
 IT workers, India and Mexico 423–4
 payment systems, film and TV industry
 126–7
 Wakelin, K. 284
 Waldfogel, J. 262
 Walsh, J.P. 261
 waste management, urban areas 355–6
 e-waste 357–70
 water management, Netherlands 371–86
 Weinhold, D. 263–4
 Wellman, B. 258
 Whitaker, J. 264–5
 Winter, S. 153, 211
 Womack, J.P. 23
 women's wear, *see* garment manufacture
World is Flat, The (Friedman) 253, 254
 Yeats, A.J. 414
 Zachariadis, M. 274
 Zarsky, L. 417, 418

