Index

Achleitner, A.-K. 14
activating labour market policy: 70–71, 83, 90
'slexicurity' through transitional labour markets 68–94
consequences of policies 72–4
growth and training 82–6
new European social model 90–92
pitfalls 74–7
policies 69–71
transitional labour markets 77–82
working time regimes and employment statuses 86–90
ADAPT programme 86
adjustment costs 124–5
Adler, C.G. 183
Aghion, P. 2, 142–63
Airbus 10
Albert, M. 15
Amable, B. 2, 3, 207–39, 243–4
Amelung, T. 11, 16
Anandram, S. 106
Anglo-American bloc 215
corporate organization 6–7, 14, 15, 18, 19, 32, 33, 38
sustainable growth 268, 269, 271, 272, 281–2
Aoki, M. 218
Apeldoorn, B. van 5
Aristotle 183
Arthur, M.B. 45
Ashenfelter-dip 74
Asia 97, 101, 104, 107, 255
Asian–American Manufacturers Association 101
Atkinson, J. 46–7, 48, 88
Auer, P. 90
Australia 46, 70–71, 257
social systems of innovation and production 214, 227, 228, 229, 230, 232, 234
Austria 258
activating labour market policy 70–71, 83, 90
social systems of innovation and production 227, 231, 233, 235
autonomy 81
Aventis 10, 30
Baraldi, L. 63
Bassen, A. 14
Bayer 15
Bayesian belief 174
Bayesian learning 182–5
Becht, M. 5
Becker, G.S. 61
Belgium 70–71, 258
social systems of innovation and production 227, 229, 231, 233, 235
beliefs 182–5
Bellman equations 148, 166–7
Berle, A.A. 5
Bertrand competition 166
Bertrand equilibrium 145, 146
Beyer, J. 5
Bispinck, R. 24
Bloom, N. 162
Bosch 27
brain drain 97
'breathing enterprises' 25
Bresnahan, T. 2, 3, 116–40
Breush-Pagan 224
BroadVision 102
Brynjolfsson, E. 121
Bühner, R. 17
business information systems 118–22, 123, 124, 127, 132–4, 138
Business Process Re-engineering 129
Canada 70–71, 73, 257
social systems of innovation and production 214, 223, 227, 228, 229, 230, 232, 234

capital market 27–9
capitalism, diverse types of 214–17
China 97, 98, 101–4, 106–7, 108–9, 110–15
Chinese Institute of Engineers 101
Chinese–American Semi-Conductor
Professionals Association 102
Clark, J. 63
Clegg, H. 48–9
Clifford, P. 174, 186
closure see scientific research networks:
cooperation, creativity and closure
Coase, R.H. 49, 51, 52–3, 56
Cobb–Douglas production function
155
closure commission report 22–3
communications
cognitive 182–5
imperfect 190–94
system 194–5
comparative advantage 35–9
competence ranking rules 50
competition 23–7
intensified 11–13
neck-and-neck 161–2
see also product market competition
computing 127–8
Concentration Index 154
consensus, conformity to 182–5
Conservative government 48
consumers 144
Continental 17, 18
convergence 35–9
cooperation
constraint 275
see also scientific research networks:
cooperation, creativity and closure
Cornford, D. 129
corporate activities 265–8
corporate governance, changes in 18–19
corporate organization in Europe 4–42
convergence, comparative advantage
and strategic choice 35–9
corporate accountability in
international economy 32–5
Europeanization 7–11
financial markets: internationalization
and shareholder value 14–17
national states: corporate governance,
changes in and financial regimes
18–19
product markets: internationalization,
technological change and
intensified competition 11–13
see also industrial citizenship under
market pressure
corporate ownership structures 264–5
cost containment 89
coultier, b. 183
craft demarcation rules 50
craft labour markets 55–6
Craig, C. 60
creativity see scientific research
networks: cooperation, creativity
and closure
Crouch, C. 33
Crow, M. 50, 52
CUDOS 171
Culture of Science 177–8
Czechoslovakia 231, 233
Daimler–Benz 22
Daimler–Chrysler 22, 30
Darbishire, O. 46
Dasgupta, P. 179
Datastream 153, 154, 155
David, P.A. 2, 3, 170–201
Davignon Committee 8
de Jong, H.W. 22
de Koning, J. 72, 76
Deakin, S. 48
DEBIS 87
‘Delawarization’ 10
Denmark 260, 263, 279
activating labour market policy 69,
70–71, 73, 75, 81, 90
education and training 83, 84, 85,
86
social systems of innovation and
production 212, 223, 227, 230,
233, 235
Deutsche bank 16
Dickson, W.J. 48
digital effect 259–60
diversity 263–4
Doeringer, P.B. 50
Donnelly, S. 5, 6
Dugué, E. 63
dynamic externality structures 123–7
Index

Earned Income Tax Credits 71
Echelon 217
economic policy 254
education 82–6
Edwards, J. 212
effectiveness 82, 88–9
efficiency 82, 89
costs 54, 275–6
Einstein, A. 171
Elbaum, B. 55, 61
elementary dynamical system 195
employment 82–6, 279–80
contracts 274–6
insurance 79–80, 85, 86, 89, 90,
279
relationship 51–4, 59–60, 273–7
statuses 86–90
dependent and dynamic behaviour 195–7
Enron 2
‘enterprise constitution’ 7
E.ON 15
Epanechnikov weights 157
Ericsson 255
ethnic networks, globalization of 103–8
Europe 1, 2–3
new social model 90–92
social systems of innovation and
production 209–10, 211, 220, 223,
234, 235, 235–8, 237
sustainable growth 245
see also corporate organization in
Europe; European; labour
institutions in Europe; sustainable
forms of growth; European model
European Business Roundtable 11
European Commission: Supiot Report 46
European Company 8
European Council 8
European Court of Justice 10
European Economic Community 222,
236
European Foundation for the
Improvement of Living and
Working Conditions 88
European Social Model 69
European treaty 11
European Union 10, 11, 12, 13, 18
activating labour market policy 84,
86
Single Market Programme 155–6
social systems of innovation and
production 235, 237
sustainable growth 260, 271
European Works Councils Directive
9–10, 20, 29–30, 271–2
Europeanization 7–11
Europipe 10
Eurozone 225–6
exceptionalism, American 247–55
Exodus Communications 102
expansion, end to 254–5
Fama, E. 5
Fay, R.G. 72
Federal Reserve Bank 254
Felstead, A. 59
‘Fifth Directive’ 8
finance 269–70
financial markets 14–17
financial regimes 18–19
financial structures 253–4
Finland 70–71, 89
social systems of innovation and
production 212, 223, 227, 230,
233, 235, 236
sustainable growth 252, 263,
280
fixed costs of computing 127–8
‘flexibility’ debate 47–9
‘flexicurity’ see activating labour market
policy: ‘flexicurity’ through
transitional labour markets
Foerster, H. von 79
Ford, H. 62
Fordist mass production 257
‘Fortress Europe’ 12
France 70–71, 83
corporate organization 6, 10, 30
labour institutions 47, 48, 50, 62
social systems of innovation and
production 210, 214, 223, 227–9,
231–3, 235–8
sustainable growth 258, 260, 269
franchising 59–60
Franklin, A. 184
freedom 81, 88
Friedman, A. 129
function-centred rules 54
funding mechanisms of companies
264–8
production 211, 222–3, 224, 225
information technology 228, 259, 261
capital 118–23, 124–7, 128–31,
132–5, 136, 138
and economic growth 116–40
application over time 127–31
coinvention of business
information systems 118–22
complementarity over time 131–5
dynamic externality structures
123–7
incentives and goal conflicts
135–7
personal applications 122–3
see also information and
communication technology
initial public offering 267
innovation system 207–9
institutional
configurations 256–7
diversity 210–14
firms 33
Intel 103
Internal Market 11
international comparisons 257–60
International Labour Organization 48
internationalization 11–13, 14–17,
226–35
market and financial 270–71
investment 262–4
‘invisible colleges’ 175–9
Iran 101
Ireland 70–71
social systems of innovation and
production 227, 229, 231, 233,
235
sustainable growth 257, 260, 263
ISDB database 155
Israel 97, 101, 110
Italy 70–71, 260
social systems of innovation and
production 214, 223, 227, 232,
234
Jackson, G. 5, 15, 27
Jacoby, S. 56
Japan 46, 50
activating labour market policy 69,
70–71
social systems of innovation and
production 211, 214, 223, 227,
230, 232–3, 235, 237
sustainable growth 245, 252, 253,
264
transnational technical communities
and regional growth 100, 101,
109
job territory 53
rules 50
Jones, C. 56
Jones, I. 61
Katz, H. 46
Kernel weights 157
Keynesianism 74
Kindermann, R. 186, 188
Kleingartner, A. 57
knowledge
pursuit of 170–71
reliable 180
transactions, informal 175–9
Kogut, B. 217
Koike, K. 50
Korea 98, 101, 227, 231
Küstler, R. 26
Krupp 17
La Porta, R. 5
labour institutions in Europe and global
economic and technical change
45–64
craft labour markets 55–6
employment relationship 51–4
‘flexibility’ debate 47–9
franchising 59–60
market-mediated employment 62–4
occupational communities 56–9
open-ended employment relationship
49–50
opportunism in transitional markets
60–62
pressures for change, significance of
46–7
labour legislation 271–3
labour management cooperation
23–7
labour market see activating labour
market policy
Lang, L. 16
legal prescription 29–31
Index

Piore, M.J. 50
Pirelli 17
Poisson Model 148, 156–7, 160, 161
Polanyi, M. 176
politics 279–80
Pollert, A. 48
Popper, K.R. 183
Portugal 70–71, 81
social systems of innovation and production 227, 231, 232, 234
sustainable growth 246, 257, 258
Prisoner’s Dilemma 84
product market competition and innovation 11–13, 27–9, 142–68
data 153–6
model 144–53
Bellman equations 148
consumers 144
industry research and development 149–53
research and development intensities in equilibrium 149
technology levels and research and development 147–8
results 156–63
firm-level results 156–61
neck-and-neck competition 161–2
productivity growth 162–3
three firm industry case 166–8
production 54
process 129–31
productivity growth 162–3
Prowse, S. 14
qualification rule 50
Ramp Networks 107
ranking rule 54
Rappaport, A. 14, 17
Rawls, J. 91, 92
Realm of Technology 172
Rees, A. 63
regional growth see transnational technical communities and regional growth
Rehder, B. 24
Reliable Knowledge 180
Republic of Science 171, 172, 175, 177, 189, 194
reputational strategy 179–82
research and development 2, 147–8, 262–4
industry 149–53
intensities in equilibrium 149
product market competition 142–3, 146, 148, 150, 153–4, 162, 166
social systems of innovation and production 228, 237
sustainable growth 259, 281
see also scientific research networks
Robinson, P. 71
Roel, A. 5
Roethlisberger, F.J. 48
Rousseau, D.M. 45
Ryan, P. 61, 62
salaryman 50
Saloner, G. 121
Saxenian, A. 2, 3, 58, 97–115
Scandinavia 280
social systems of innovation and production 212, 214, 237
see also Denmark; Finland; Norway; Sweden
Schanz, J. 212
Schmid, G. 2, 60, 68–94
Schumpeter, J./Schumpeterian 2, 3, 63, 142, 143, 146, 152, 211, 222
scientific research networks:
cooperation, creativity and closure 170–201
cognitive communications 182–5
communication system 194–5
elementary dynamical system 195
imperfect communications 190–94
informal knowledge transactions inside ‘invisible colleges’ 175–9
knowledge, pursuit of and technological change 170–71
local micro-behaviours and macro-network dynamics 172–4
local peer consensus as reputational strategy 179–82
open science as mode of organizing research 171–2
social networks and random Markov fields 185–6
Voter Model 186–90, 195–7
Screen Actors Guild 57
Sellier, F. 48
technical change see labour institutions in Europe and global economic and technical change
technical communities see transnational technical communities
technological change 11–13, 170–71
technology levels 147–8
Temporary Professional Class 97
Teulings, C. 52
Thyssen 17
Tolbert, P. 56, 58
total factor productivity 155, 161, 250–51, 256, 259
Touffut, J.-P. 3, 245–84
Tower of Pisa experiment 183
training 54
transaction rules 54
transitional markets 60–62
see also activating labour market policy: ‘flexicurity’ through transitional labour markets
transnational technical communities and regional growth 97–115
Silicon Valley and immigrant entrepreneurs 101–8
Silicon Valley industrial system 98–101
survey results 108–9
uncertainty 35–9
unemployment 248–9
insurance 79, 89–90
United Kingdom 5, 10, 16, 29
activating labour market policy 69, 70–71, 73, 75, 83
investment 22
investment banks 17
labour institutions 46–8, 50, 52, 55–6, 59, 61–3
management pay 26
product market competition 144, 154, 155, 156
scientific research networks 170
social systems of innovation and production 209, 214, 223, 227–30, 232, 234–7
sustainable growth 264, 265, 267, 269, 276
transnational technical communities and regional growth 109
see also Anglo-American bloc
United States
activating labour market policy 69, 70–71, 73, 75, 81
American exceptionalism 247–55
corporate organization 3, 5, 13, 16, 17, 22, 23, 26
Department of Defense 253
Federal budget 281
Hollywood 56, 57, 58–9, 60, 63
information technology 120
labour institutions 46, 50, 55, 61
Los Angeles 276
model 257–8
New York Stock Exchange 15
Patents Office 153, 154
product market competition 155
social systems of innovation and production 209, 222, 237
divergences in performance 223, 226
diversity and complementarity of institutions 211, 212, 214
internationalization impact 227, 228, 229, 230, 232, 234
sustainable growth 245–6, 262, 263, 264, 265, 266, 267, 280, 283
new regimes, diverse nature of 249–50, 252–61
transnational technical communities and regional growth 97, 98, 100
see also Anglo-American bloc; Silicon Valley
Uruguay Round 12
usage 259–60
Van Reenen, J. 162
VEBA 15
Veerina, M. 107
Vietnam 101
Vishny, R.W. 4
VLSI Technology 103
Vodafone 17
Volkswagen 22
von Neuman neighbourhood 186
‘Voter Model’ 174, 181–2, 184, 185, 186–90, 193, 195–7
Walsh, K. 56
Waterman, R.H. 45
<table>
<thead>
<tr>
<th>Name</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Webb, B.</td>
<td>55</td>
</tr>
<tr>
<td>Webb, S.</td>
<td>55</td>
</tr>
<tr>
<td>Weber, M.</td>
<td>48</td>
</tr>
<tr>
<td>Welsh, D.J.</td>
<td>190</td>
</tr>
<tr>
<td>White, M.</td>
<td>73</td>
</tr>
<tr>
<td>White’s robust variance-covariance matrix</td>
<td>161</td>
</tr>
<tr>
<td>Williamson, O.E.</td>
<td>49, 51, 54</td>
</tr>
<tr>
<td>Willman, P.</td>
<td>52</td>
</tr>
<tr>
<td>Wipro</td>
<td>105–6</td>
</tr>
<tr>
<td>work post</td>
<td>53–4</td>
</tr>
<tr>
<td>Work Trials initiative</td>
<td>73</td>
</tr>
<tr>
<td>Working Families Tax Credit</td>
<td>71</td>
</tr>
<tr>
<td>working time regimes</td>
<td>86–90</td>
</tr>
<tr>
<td>working to rule</td>
<td>54</td>
</tr>
<tr>
<td>World Economic Forum (Davos)</td>
<td>212</td>
</tr>
<tr>
<td>Worrall, J.</td>
<td>183</td>
</tr>
<tr>
<td>Yahoo!</td>
<td>102</td>
</tr>
<tr>
<td>Yamanouchu, T.</td>
<td>50</td>
</tr>
<tr>
<td>Young, T.</td>
<td>183</td>
</tr>
<tr>
<td>Youth Training Scheme</td>
<td>61</td>
</tr>
<tr>
<td>Ziman, J.</td>
<td>175</td>
</tr>
<tr>
<td>Zucker, L.</td>
<td>58</td>
</tr>
<tr>
<td>Zugehör, R.</td>
<td>11, 16, 28</td>
</tr>
</tbody>
</table>