active economic policy
commitment by EU 66
definitions 66
as distinct from adaptive 65–6
pitfalls of 66–9
Adams, John 325, 326, 329, 330
adaptive economic policy
definitions 69
and institution revision 71–3
selection mechanism for novelties 70–71
adaptive Pareto-optimal, definition 54
adaptive preferences
and evolutionary biology 52–4
formal model 47–9
main theorem 49–51
and Pareto-optimality 54–5
path dependence 55–6
while maintaining normative individualism 46–7
ADB (Asian Development Bank) 326
Adler, A. 282
Aghion, P. 208, 209
Ahrens, H.J. 287, 291
Albert, H. 75, 168, 185, 186
Albrecht, E. 259, 269
Alchian, A.A. 88
Allen, Peter 326, 336, 342, 343, 345, 346
Altmeppen, K.-D. 177
Amin, M. 249, 251
Anderlini, Luca 162
Andersen, H. 280
Anderson, James E. 143
Anderson, P. 105
Antonelli, C. 37
AOK (Allgemeine Ortskrankenkasse) 275
Ariccia, G. dell’ 330
Arrow, K.J. 57, 64, 75
Arthur, W.B. 207
asymmetry, concept of 16–17
Atkinson, A. 37
Ausschuss für Evolutiorische Ökonomik 2
Bannock, G. 240
Barney, Jay 162
Barzel, Yoram 162
Baum, L. 319
Bebchuk, L.A. 319
Beck, T. 330
Becker-Berke, S. 274, 275, 280, 281, 287
Becker, G.S. 93
Becker, J. 284
Behrens, P. 319
Bennett, W.L. 178
Berg, J. 249
Berger, P.L. 172
Bernal, J.D. 242
Bernard, J. 37
Bernholz, Peter 235
Bernstein, Jeffrey R. 141
Berry, F.S. 319
Berry, W.D. 319
Bertram, B. 274
Besley, T. 318, 319
Bhattacharai, Keshab 331
Bibliography of German Periodicals Literature 250
biotechnology/biotechnology-based sectors 99–100
Blaug, M. 81
Blondel, J. 186
Bodenstein, M. 319
Bogatti, S.P. 115
Böhm, K. 38
Bratton, W.W. 318
Braunerhjelm, Pontus 143
Brennan, G. 318
Brenner, T. 75
Breton, A. 303, 309, 318
Breyer, Friedrich 235
Index

Broecker, T. 330
Brown, L.D. 319
Brunner, Hans-Peter 326, 330, 334, 336, 342, 345
Buchanan, James M. 57, 149, 318
Budzinski, O. 318, 319
Burt, R.S. 115

Caballero, Ricardo 327, 328, 345
Camesasca, P.D. 319
Campbell, D. 79
Canon, B.C. 319
Cantner, Uwe 28, 30, 36, 37, 109, 194, 207, 235
capitalism, and technological change 192
Carlaw, Kenneth 235
Case, A. 319
Cassis de Dijon judgement (European Court of Justice) 298, 301
Casson, Mark 151
Caves, D.W. 32
Caves, Richard E. 163
centralised planning, Coase's views on 79–84
Chang, K.-P. 37
Charnes, A. 26
Chaudhuri, S. 330
Christensen, L.R. 32
Ciompi, L. 182
city evolution, sociodynamic model of 130–39
Clark, J. 319
Clark, Terry 142
cliometrics, definitions 233
Coase, R.H. 78–93, 192
and evolutionary economics 87–92
historical method 84–7
The nature of the firm (NT) 79–82, 192
The problem of social cost (SC) 83–4
Coate, S. 318
cognition 170–72
cognitive maps 172–4
Cohen, W.M. 109
collective human capital, as dimension of entrepreneurial competence 157
Collins, William J. 143
Commons, J.R. 82
competition
Coase's views on 80–82
among governments see interjurisdictional/regulatory competition, theories of
competition processes, modelling 110–11
competitive advantage
and non-tradability 147–50
restatement of theory with non-tradable factors 153–9
competitive federalism 312–14
contingency, definitions 217–18
Cooper, W.W. 26
Cordato, R.E. 60
Coughlin, B.C. 90
creative destruction 333–4
Dasgupta, Partha 145
Davis, Donald R. 141, 142
DBFs (Dedicated Biotechnology Firms)
definitions 100, 101
modelling 103–7
DEA (data envelopment analysis)
approach for TFP 24–31
Deardorff, Alan V. 142
Dell’Ariccia, G. 330
demand, and adaptive preferences 52–4
Demsetz, H. 302
development-agency economics, and evolutionary and institutional economics 345–7
developmental approach, and heterogeneity 15
diabetes 276, 282
diabetes contracts (Germany)
characteristics 276–7
continuation 289–91
diffusion 285–9
disastrous nature of 287–9
emergence 280–85
overview 274–5, 291–2
regulation 277–80
transfer fees 276–7
Dievert, W.E. 32
Dijk, T.A. van 186
disastrous innovations 287
see also diabetes contracts (Germany)
Index

Dohrn-van Rossum, G. 239
Dopfer, Kurt 89, 90, 334, 335
Dörner, D. 184
Dosi, Giovanni 16, 37, 140, 209
Dunn, M.H. 207
Dunning, John H. 141

East Germany see German Democratic Republic
East Prussia 243
see also German national innovation system

Easterbrook, F.H. 319
economic agents, non-average behaviour 334–6
economic development, evolutionary approach 325–6
economic evolution, and heterogeneity 15
economic policy
cognition and 170–72
criticisms of orthodox understanding of 168–9
individual understanding and 172–4
problem diffusion 174–9
problem treatment 179–84
Edingshaus, A.-L. 186
Eichenberger, R. 179, 181, 186, 318, 319
Ekholm, Karolina 143, 144
empirical analysis 35–7
see also TFP
endogenous growth theories 190–91, 205–7
endogenous technological change model see Romer, P.M., growth model
Engel, Charles 142
Engerer, H. 71
entrepreneurial competence, dimensions of 155–9
Erker, P. 258
Esey, D.C. 318
ETT see evolutionary trade theory
Eucken, W. 317

European Union
centralization vs decentralization
policy problem 297–9, 311, 313–14
commitment to active economic policy 66

competitive federalism instead of
centralization 314–16
and neoclassical theories of
federalism 299–301
see also interjurisdictional/regulatory competition, theories of

Evo-Devo biology 5, 90–91
evolutionary economic governance 1
evolutionary economic policy 1, 296–7, 316–18
evolutionary economics
characteristics 230–31
exploring political consequences 58–60
and welfare 62–3
evolutionary political economy,
scarcity of research 59–60
evolutionary trade theory (ETT),
difference from NTT 159–61
evolutionary welfare economics 44, 49, 56

Expert Group for the Study of Evolutionary Economics 2
explorers (role of DBFs), definitions 102–3
see also DBFs
Eysenck, M.W. 173

factor, concept of, new definition of 153–5
factor-proportions theory, problems with 141–2
Färe, R. 32
Federal Republic of Germany (West Germany)
citation levels compared to GDR 253
patenting activity compared to GDR 259
R&D expenditure compared to GDR 248
SCI publications compared to GDR 252
sociodynamic migration model 130

federalism see competitive federalism;
interjurisdictional/regulatory competition, theories of

Feenstra, Robert C. 159
Fehl, U. 209
Feld, L. 301, 318

competitive federalism instead of centralization 314–16
and neoclassical theories of federalism 299–301
see also interjurisdictional/regulatory competition, theories of

Evo-Devo biology 5, 90–91
evolutionary economic governance 1
evolutionary economic policy 1, 296–7, 316–18
evolutionary economics
characteristics 230–31
exploring political consequences 58–60
and welfare 62–3
evolutionary political economy,
scarcity of research 59–60
evolutionary trade theory (ETT),
difference from NTT 159–61
evolutionary welfare economics 44, 49, 56

Expert Group for the Study of Evolutionary Economics 2
explorers (role of DBFs), definitions 102–3
see also DBFs
Eysenck, M.W. 173

factor, concept of, new definition of 153–5
factor-proportions theory, problems with 141–2
Färe, R. 32
Federal Republic of Germany (West Germany)
citation levels compared to GDR 253
patenting activity compared to GDR 259
R&D expenditure compared to GDR 248
SCI publications compared to GDR 252
sociodynamic migration model 130

federalism see competitive federalism;
interjurisdictional/regulatory competition, theories of

Feenstra, Robert C. 159
Fehl, U. 209
Feld, L. 301, 318

competitive federalism instead of centralization 314–16
and neoclassical theories of federalism 299–301
see also interjurisdictional/regulatory competition, theories of

Evo-Devo biology 5, 90–91
evolutionary economic governance 1
evolutionary economic policy 1, 296–7, 316–18
evolutionary economics
characteristics 230–31
exploring political consequences 58–60
and welfare 62–3
evolutionary political economy,
scarcity of research 59–60
evolutionary trade theory (ETT),
difference from NTT 159–61
evolutionary welfare economics 44, 49, 56

Expert Group for the Study of Evolutionary Economics 2
explorers (role of DBFs), definitions 102–3
see also DBFs
Eysenck, M.W. 173

factor, concept of, new definition of 153–5
factor-proportions theory, problems with 141–2
Färe, R. 32
Federal Republic of Germany (West Germany)
citation levels compared to GDR 253
patenting activity compared to GDR 259
R&D expenditure compared to GDR 248
SCI publications compared to GDR 252
sociodynamic migration model 130

federalism see competitive federalism;
interjurisdictional/regulatory competition, theories of

Feenstra, Robert C. 159
Fehl, U. 209
Feld, L. 301, 318
Index

Felli, Leonardo 162
fiscal federalism see competitive federalism; interjurisdictional/regulatory competition, theories of
Fischel, D.R. 319
fixed preferences, as anti-evolutionary 45–6
Fogel, R.W. 240
Fornahl, D. 75
Förster, H. von 168
Foss, Nicolai J. 78, 87, 93, 146, 157, 162
Fowler, R.F. 92
Fransman, M. 91
Freeman, C. 209, 242
Freeman, L.C. 115
Frey, B.S. 169, 179, 181, 183, 186, 318, 319
Fritsch, Michael 235
Fulda, Ekkehard 235
Furubotn, E. 78, 192
Garegnani, P. 203, 209
Gascoigne, R. 243
Gatsios, K. 318
GDR see German Democratic Republic
geography, and modelling 343–5
Georghiou, Luke 235, 236
Geradin, D. 318
German Democratic Republic (GDR, East Germany) 243
citation levels compared to West Germany 253
patenting activity 258–9
R&D expenditure compared to West Germany 248
SCI publications compared to West Germany 252
see also German national innovation system
German national innovation system cliometric research on 269–71
industrial R&D 254–5, 263–4
innovation activity, development of 255–60, 264–9
national level 243–60
public expenditure levels 243–9, 261
scientific activities, development of 249–54, 261–2
sectoral level 260–69
territorial analysis issues 243
Germany see Federal Republic of Germany
Gerschenkron, A. 271
ghetto formation, sociodynamic model of 127
Goffman, E. 187
Goldberg, Pinelopi Koujianou 142
Goodman, C.S. 90
governments, competition among see interjurisdictional/regulatory competition, theories of
Grabher, Gernot 157
Grabowski, H. 102
Grant, Robert M. 162
growth paths of transition economies 225–9
growth theories see endogenous growth theories
Grubel, H. 209
Grundmann, S. 319
Guh, Y.-Y. 37
Gupta, M. 330
Gutmann, G. 209
Habermas, J. 172
Hallwood, C. Paul 151
Haltiwanger, John 335
Hamel, G. 104
Hammour, Mohammad 327, 328, 345
Hannan, T. 330
Hanson, Gordon H. 142
Hanusch, Horst 36, 37, 194, 207, 235
Harrigan, James 142
Haskel, Jonathan 141
Hauser, H. 318
Hayek, Friedrich August von 57, 61, 74, 80, 82, 161, 168, 198, 235, 303, 304, 318
Heine, K. 318, 319
Hellbrück, R.P. 281, 282, 288, 292
Helliwell, John F. 141
Helpman, Elhanan 141, 161, 162, 208, 209
Henkel, H. 284
Herrmann-Pillath, Carsten 157, 161
Hesse, G. 186, 283
heterogeneity
as asymmetry and variety 15–17
concept of 17
in empirical work 18–21
and innovation 18–19
and local progress 17–18
roles in economic evolution 15
specific vs general measures 19–21
Hetmeier, H.-W. 244
Heuss, E. 193, 209
Hinze, S. 253, 258, 259, 269
Hirsch, Seev 162
Hirschfeld, L. 173
Hodgson, G.M. 87, 89, 90
Hoffmann, W.G. 243
Hofmann, W. 203
Holmes, P. 318
Holmström, B.R. 79
Homann, K. 168
Hösl, M. 318
Howitt, P. 208, 209
Hoyningen-Huene, P. 241
human capital, reasons for lack of evolutionary perspective 73–4
Hummels, David 141
Hutter, M. 75, 179, 186
improvement axiom 49
incorporation theory 311–12
India see West Bengal, trade and transport
information problem, and policy making 219–20
Inman, R.P. 318
innovation
definitions 216, 242
and heterogeneity 18–19
historical interpretation of 239–42
linear model, shortcomings 216–17
and welfare 62
see also disastrous innovations
innovation network model
absorptive capacities 109–10
agents 103–7
competition processes 110–11
financial flows 110
knowledge flows 110
matching mechanism 109
networking conditions 107–8
networking decisions 108–9
R&D decision rules 106–7
results 112–17
structural flow-chart 111–12
innovation networks, in biotechnology-based industries 100–103, 117–18
institutions, in developing countries 327–33
intellectual property rights see patents, and innovation
interjurisdictional/regulatory competition, theories of evolutionary contributions, explicit 306–8
implicit 308–12
evolutionary economic critique of neoclassical theories 301–5
knowledge, competition and innovation 312–13
neoclassical theories as answer to EU centralization problem 299–301
irreversibility, concept of 327
Jacobs, K. 290
Jenkins, Michael 141
Jones, S.R.G. 179
Josselin, J.-M. 318
jump points 48
Kahneman, D. 184, 187
Kaldor, Nicholas 235
Kenyon, D.A. 318
Kerber, W. 78, 307, 315, 318, 319
Keynes, J.M. 56
Kieninger, E.-M. 319
Kincaid, J. 318
Kirchgässner, G. 169
Kirchner, C. 319
Kirzner, I.M. 93
Kiwit, Daniel 61, 149
Klaes, M. 79, 89, 93
Index

Klau, Arne Ragnar 143
Klump, R. 208, 209, 210
Knetter, Michael M. 142
knowledge-based society, analysis of 100
Koch, L.T. 75, 173, 186, 318
Kollman, K. 318
König, W. 260
Koop, M.J. 318
Koot, G.M. 86
Kornai, Janos 334
Kötz, H. 319
Kreile, W. 210
Krüger, J. 37
Krugman, Paul 141, 345
Kuenne, R.E. 111
Kuhlmann, Stefan 236
Küppers, G. 75
Kuran, T. 177, 178, 179, 186

La Grandville, Olivier de 208
la Mothe, John de 140
laboratory federalism 309–10
Lachmann, L.M. 209
Ladeur, K.-H. 61
Landa, Janet T. 158
Landes, David S. 236
Landgraf, R. 275
Laschet, M. 275
Lauterbach, K. 290, 292
law of one price, NTT problems with 141–2
LDFs (Large Diversified Firms)
definitions 100
modelling 103–7
and new knowledge 102–3
Leamer, Edward E. 144
learning innovation policy
implications from stylised facts 229–33
methodological basis of 216–21
stylised facts, modified, as basis for 221–5
learning policy 233–4
legal federalism 311
see also interjurisdictional/regulatory competition, theories of
Lehmann-Waffenschmidt, Marco 235
Lembke, J. 75
Leontief, W.W. 37
Levine, Ross 331
Levinsohn, James 141
Levinthal, D. 109
liberal politics
definitions 60–61
and evolutionary economics 63–5
and welfare theory 61–2
Lindblom, C.E. 181
Lindenberg, S. 179, 187
Lindgren, B. 32
linear innovation model, shortcomings 216–17
Lipsey, Richard G. 235
Lipsey, Robert E. 143
Little, B.R. 172
Loasby, Brian 157, 161
local progress, and heterogeneity 17–18
locational competition see interjurisdictional/regulatory competition, theories of
Löffelholz, M. 177
Lorenz, Ch. 240, 242
Lucas, R.E. 210
Luckmann, T. 172
Luhmann, N. 181
Lundvall, Bengt-Åke 235
Mabe, M. 249, 251
McCahey, J.A. 318
McGlade, J.M. 345
Machlup, F. 241, 271
Maddison, A. 250, 271
Mäki, U. 82
Malerba, F. 103
Malmquist index 32–4, 41–2
Malmquist, S. 32
Marciano, A. 318
Marcouiller, Douglas 143
Markusen, James R. 143
Marschall, L. 267
Maskus, Keith E. 143
Maussner, A. 210
Medema, S.G. 78, 83, 85
Medical Advisory Council on Diabetes 282–3
Mehl, E. 274, 275, 280, 281, 287
Meier, A. 75, 176, 177, 178, 179, 182,
186, 318
Meierjürgen, R. 280
Index

Merten, K. 177
Mette, J. Stanley 75, 235, 236, 307
Mettler, D. 177
migration, sociodynamic model of 125–30
Miller, J.H. 318
Mintrom, M. 319
Mirrlees, J.A. 57
Molitor, B. 185
Moore, G.E. 43, 56
Moorsteen, R.H. 32
Morduch, J. 330
Morgenstern, O. 207, 209
Mueller, D.C. 186
Mukand, S. 319
Müller-de-Cornejo, G. 274, 275, 280, 281, 287
Müller, K.E. 271
Müller, M. 279
Murrell, Peter 333
Mussler, W. 66, 75, 318, 319
Nachtigall, G. 284
national innovation systems, definitions 243
naturalistic fallacy 43
Neil, H. 282
Neisser, U. 170
Nelson, Richard R. 103, 106, 197, 207, 209, 210, 236
neoclassical approach, and heterogeneity 15
neoclassical trade theory (NTT) and evolutionary economics 140–41
unresolved issues in 141–4
Nepal, financial sector 327–33
Nice, D.C. 319
Nisbett, R.E. 172, 184
non-average behaviour, by economic agents 334–6
non-parametric frontier function approach for TFP 24–31
normative individualism 43–4
North, Douglass C. 71, 146, 207
Nüse, R. 170

Oates, W.E. 309, 310, 318, 319
Oeser, E. 171
Ogus, A. 319
Okruch, S. 91, 318, 319
organisational capital, as dimension of entrepreneurial competence 156–7
Orsenigo, L. 103
Ott, A.E. 37
Page, S.E. 318
Paquet, Gilles 140
Pareto-optimality, and adaptive preferences 54–5
Parisi, F. 319
patenting activity in Germany 255–60
patents, and innovation 193
Peacock, A.T. 60
Pelkmans, J.J. 301, 318
per-se rules, vs reason 218–20
Pfetsch, F.R. 244, 245, 246, 247, 254, 263
Pies, I. 92
political economy see evolutionary political economy, scarcity of research
Pöppel, E. 171, 186
Popper, K.R. 186
population restructuring, evolutionary concept of 333–4
Porter, Michael E. 153
Posner, R. 79
Potts, J.D. 90, 161, 163
Prachalad, C.K. 104
Pratten, S. 85
Principia Ethica 43
private households, importance in technological change 193
production theory, and technological change 198–201
Pyka, A. 37, 75, 109, 115, 118
Quaas, M. 286
R&D decision rules 106
Ramser, H.J. 208
Rauch, James E. 161
Rawls, J. 56
Ray, Edward John 143
Raymond, Frank 326
regulatory competition 311
see also interjurisdictional/regulatory competition, theories of research, definitions 242
Rhodes, E. 26
Ribstein, L.E. 319
Richard, S. 279
Richter, Rudolf 192, 193
risk structure compensation scheme (Risikostrukturausgleich, RSA) 279, 288–9, 290
Robinson, J. 203
Robra, B. 276
Rodrik, D. 319
Rogers, E. 319
Rogers, John H. 141, 142
Romano, R. 301, 312, 319
Romer, P.M., growth model (1990) critique 197–205 outline 194–7
Roos, P. 32
Röpke, J. 206, 207, 209, 210, 307
Roscher, W. 241
Rose-Ackerman, S. 319
Rosenberg, Nathan 24, 207, 209, 236
Ross, L. 172, 184
Rowley, C.K. 60
RSA see risk structure compensation scheme
Rubinfeld, D.L. 318
Rürup, B. 291
Rusch, G. 175
Rüsen, J. 271
Saarland 243
see also German national innovation system
Salmon, P. 309, 319
Sälter, P.M. 208
Samuelson, Paul A. 57, 163, 209
Sass, U. 259
Saviotti, P. Paolo 16, 37, 108, 115
Scharpf, F.W. 172, 186
Scherbaum, W. 277
Scherer, K.R. 174
Schiepek, G. 186
Schlicht, E. 82, 83
Schmidt, Ingo 235
Schmidtchen, Dieter 145
Schmoch, U. 258, 259, 260
Schnellenbach, J. 319
Schönbach, K. 279
Schreiter, C. 195, 208, 209, 210
Schumpeter, J.A. 19, 235, 241
Schwab, R.M. 318
Schwarze, J. 280
Schwerin, Joachim 235, 236
Science Citation Index 251
Searle, J.R. 172
Segerstrom, P.S. 208
selectionist approach, and heterogeneity 15
Sen, A.K. 57
Serageldin, Ismail 145
Shannina, L. V. 271
Siebert, H. 318
Siegenthaler, H. 176
Silverberg, Gerald 325
Simon, H. A. 169
Simpson, A.W. Brian 93
Sinn, H.-W. 75, 93, 300, 318
Sinn, S. 318
Six, B. 184
Slaughter, Matthew J. 142
Slembeck, T. 75, 78, 176, 178, 179, 182, 186, 318
social capital, as dimension of entrepreneurial competence 157–8
sociodynamic models evolution of a city and its population 130–39 migration 125–30
Index

<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strumpf, K.S.</td>
<td>319</td>
</tr>
<tr>
<td>Struve, G.</td>
<td>239</td>
</tr>
<tr>
<td>stylised facts (classical concept)</td>
<td>221–3</td>
</tr>
<tr>
<td>stylised facts (modified concept)</td>
<td>221–3</td>
</tr>
<tr>
<td>applied to growth paths of transition economies</td>
<td>225–9</td>
</tr>
<tr>
<td>definition</td>
<td>223–5</td>
</tr>
<tr>
<td>‘success breeds success’ matching mechanism</td>
<td>109</td>
</tr>
<tr>
<td>Sugarman, S.</td>
<td>172</td>
</tr>
<tr>
<td>Sun, J.-M.</td>
<td>301, 318</td>
</tr>
<tr>
<td>synergetic approach, and heterogeneity</td>
<td>15</td>
</tr>
<tr>
<td>systems competition see interjurisdictional/regulatory competition, theories of</td>
<td></td>
</tr>
<tr>
<td>Tamir, Y.</td>
<td>75</td>
</tr>
<tr>
<td>technical knowledge, and human capital</td>
<td>199–201</td>
</tr>
<tr>
<td>technological change</td>
<td>191–4</td>
</tr>
<tr>
<td>evolutionary perspective</td>
<td>32–4</td>
</tr>
<tr>
<td>technological heterogeneity</td>
<td>13, 17</td>
</tr>
<tr>
<td>see also heterogeneity; TFP</td>
<td></td>
</tr>
<tr>
<td>technometrics</td>
<td>19–20</td>
</tr>
<tr>
<td>Teece, D.</td>
<td>104</td>
</tr>
<tr>
<td>Testa, J.</td>
<td>262</td>
</tr>
<tr>
<td>Teubal, Morris</td>
<td>235</td>
</tr>
<tr>
<td>TFP (total factor productivity), as measure of technological heterogeneity</td>
<td></td>
</tr>
<tr>
<td>change of TFP as progress</td>
<td>23–4</td>
</tr>
<tr>
<td>construction</td>
<td>22</td>
</tr>
<tr>
<td>dynamic analysis</td>
<td>31–4</td>
</tr>
<tr>
<td>further development opportunities</td>
<td>36–7</td>
</tr>
<tr>
<td>generality and aggregation</td>
<td>21–2</td>
</tr>
<tr>
<td>index of 24–5</td>
<td></td>
</tr>
<tr>
<td>non-parametric frontier function approach</td>
<td>24–31</td>
</tr>
<tr>
<td>as performance indicator</td>
<td>22–3</td>
</tr>
<tr>
<td>requirements for</td>
<td>20–21</td>
</tr>
<tr>
<td>Tiebout, C.M.</td>
<td>300</td>
</tr>
<tr>
<td>Tietzel, M.</td>
<td>209</td>
</tr>
<tr>
<td>Tinbergen, J.</td>
<td>59</td>
</tr>
<tr>
<td>Tirole, J.</td>
<td>79</td>
</tr>
<tr>
<td>total factor productivity see TFP</td>
<td></td>
</tr>
<tr>
<td>trade theory</td>
<td>146–53</td>
</tr>
<tr>
<td>and pricing of capability to trade and social capital</td>
<td>145–6</td>
</tr>
<tr>
<td>transaction costs, and transformation costs</td>
<td>146, 150–53</td>
</tr>
<tr>
<td>transformation costs, vs transaction costs</td>
<td>146, 150–53</td>
</tr>
<tr>
<td>transition economies, growth paths</td>
<td>225–9</td>
</tr>
<tr>
<td>translators (role of DBFs) definitions</td>
<td>101</td>
</tr>
<tr>
<td>see also DBFs</td>
<td></td>
</tr>
<tr>
<td>transport, model for West Bengal</td>
<td>336–42</td>
</tr>
<tr>
<td>Trefler, Daniel</td>
<td>141, 142</td>
</tr>
<tr>
<td>Tuschen, K.</td>
<td>286</td>
</tr>
<tr>
<td>Tushman, M.L.</td>
<td>105</td>
</tr>
<tr>
<td>Tversky, A.</td>
<td>184, 187</td>
</tr>
<tr>
<td>Ullmann-Margalit, E.</td>
<td>88</td>
</tr>
<tr>
<td>universities, role in innovation network model</td>
<td>105–6</td>
</tr>
<tr>
<td>Ursprung, H.W.</td>
<td>319</td>
</tr>
<tr>
<td>Van den Bergh, R.</td>
<td>318, 319</td>
</tr>
<tr>
<td>Vanberg, V.</td>
<td>56, 318</td>
</tr>
<tr>
<td>variety, concept of</td>
<td>16</td>
</tr>
<tr>
<td>Vaubel, R.</td>
<td>298</td>
</tr>
<tr>
<td>Venables, Anthony</td>
<td>143</td>
</tr>
<tr>
<td>venture capital firms, role in innovation network model</td>
<td>105–6</td>
</tr>
<tr>
<td>Verein für Socialpolitik</td>
<td>2</td>
</tr>
<tr>
<td>Vernon, J.</td>
<td>102</td>
</tr>
<tr>
<td>Vihanto, M.</td>
<td>318</td>
</tr>
<tr>
<td>Voigt, S.</td>
<td>61, 71</td>
</tr>
<tr>
<td>von Weizsäcker, C.C.</td>
<td>56, 57</td>
</tr>
<tr>
<td>Vosskamp, R.</td>
<td>75</td>
</tr>
<tr>
<td>voters’ mandate</td>
<td>174</td>
</tr>
<tr>
<td>Vowe, G.</td>
<td>173, 187</td>
</tr>
<tr>
<td>Vromen, J.</td>
<td>88, 93</td>
</tr>
<tr>
<td>Wagner, A.</td>
<td>210</td>
</tr>
<tr>
<td>Wagner, H.</td>
<td>210</td>
</tr>
<tr>
<td>Wagner-Döbler, R.</td>
<td>249</td>
</tr>
<tr>
<td>Walker, J.L.</td>
<td>319</td>
</tr>
<tr>
<td>Wallis, J.</td>
<td>181</td>
</tr>
<tr>
<td>Walz, U.</td>
<td>208</td>
</tr>
<tr>
<td>Weder, R.</td>
<td>209</td>
</tr>
<tr>
<td>Wegehenkel, Lothar</td>
<td>147</td>
</tr>
<tr>
<td>Name</td>
<td>Pages</td>
</tr>
<tr>
<td>-----------------------</td>
<td>----------------</td>
</tr>
<tr>
<td>Wegner, G.</td>
<td>75, 162, 318</td>
</tr>
<tr>
<td>Weidlich, W.</td>
<td>120</td>
</tr>
<tr>
<td>Weingart, P.</td>
<td>271</td>
</tr>
<tr>
<td>Weingast, B.R.</td>
<td>318</td>
</tr>
<tr>
<td>Weinstein, David E.</td>
<td>141, 142</td>
</tr>
<tr>
<td>Weiss, A.</td>
<td>330</td>
</tr>
<tr>
<td>welfare economics</td>
<td></td>
</tr>
<tr>
<td>Wellisch, D.</td>
<td>318</td>
</tr>
<tr>
<td>Wengenroth, U.</td>
<td>254</td>
</tr>
<tr>
<td>Werker, Claudia</td>
<td>236</td>
</tr>
<tr>
<td>West Bengal, trade and transport</td>
<td>333–42</td>
</tr>
<tr>
<td>West Germany</td>
<td></td>
</tr>
<tr>
<td>West Germany see</td>
<td></td>
</tr>
<tr>
<td>Westerbarkey, J.</td>
<td>177</td>
</tr>
<tr>
<td>Westermann, G.</td>
<td>30, 37</td>
</tr>
<tr>
<td>Whaples, Robert</td>
<td>236</td>
</tr>
<tr>
<td>Wildasin, D.E.</td>
<td>318</td>
</tr>
</tbody>
</table>