
Index

- absorptive capacity 9, 133–4
- abstraction 57–8, 181–4, 186–7
- aesthetic creativity 223
- Afghanistan/Afghan culture 86
- agents 29, 179–81, 182
- alienation 54, 57, 124
- alliance capitalism 167
- allocative efficiency 143, 146
- amazon.com 256, 258
- amici brief 146
- Amnesty International 170
- analogy 20, 21, 25
- anticommons theory 144
- AOL 104
- aphorisms 44
- architecture 9, 268, 269
- articulated knowledge 22–3
- arts 4, 99
- Arts and Humanities Research Board 99
- Asian Development Bank 80
- assets
 - intangible 81, 157, 166
 - knowledge 194–5, 197, 199–200, 219
 - social capital and 7, 81
 - tangible 81
- associative powers 27
- Association of American Publishers 146
- assumptions 32
- attribution 273–4, 275
- audits/auditing 49, 50
- Australia 42, 98, 147–8, 258, 261, 269–70
- Australian Creative Resources Online (ACRO) 270
- authoritarianism 42, 47
- automatized practices 42
- autonomy 123, 124, 224
 - gap 37, 38, 39
- autopoiesis 57, 58

- balance of payments 85
- balanced report card 45–6
- balanced score card (BSC) 45–6, 48

- barriers to change 225–6
- beliefs 7, 28, 29–30, 32, 82
- Berne Convention 142
- best knowledge 201
- best practice 37, 192, 197, 201
- biotechnology 49, 98, 142, 147
- Black-Scholes model 54, 55
- Boston (USA) 222
- bounded rationality 31, 157, 161–2, 262
- British Broadcasting Corporation 240
- broadband content 3–4, 95, 98, 260
- bureaucracies 184, 185
- bureaucratic organization 221
- bureaucrats 56
- business 4, 169
 - plan/strategy 12, 192–6, 201–2
 - see also* firms

- call centres 260–61
- Cambridge (UK) 222
- Canada 98
- capabilities 158
 - in CI ecosystem 112, 113, 115
- capital
 - convertibility 85
 - costs 262–3
 - cultural *see* cultural capital
 - economic 81, 83–5
 - fixed 71
 - human 68, 82, 261, 264
 - information as 156
 - intellectual 7, 68, 132
 - knowledge as 81
 - maximization 83, 84, 85
 - other-related 82–3
 - risk and 54–5, 62
 - social *see* social capital
- capitalism 47, 68, 80, 85, 105, 167, 219
 - information transactions 230, 232, 234
 - policy values 118, 125
 - risk and 54–5, 57–8

- Centrelink 261
 certainty 58–9
 ceteris paribus clause 55
 change management 42–3, 46
 Child Support Agency 261
 choice point 246, 247, 250
 choral group study 207–13
 Chrysler 196
 Church of England 230, 237–9, 241
 citizen movements 170
 CityRail 37
 clans 184, 185
 clients (of management consultants) 13, 229–42
 cliques 210–11
 closed distribution 269–71
 clusters 4, 108
 creativity and 220–22
 industrial 9, 128–37
 model 128–30
 transference of knowledge in 131–4
 codification 39, 181–4, 185–6, 187
 codified knowledge 11, 22, 70, 71, 145, 252
 knowledge management 12, 197, 199
 wisdom and 40, 49
 cognition 20, 21, 27, 124, 206
 cognitive dissonance 157
 cognitive proximity 9, 133, 134, 135
 collaboration 10, 50
 in new knowledge-based economy 11, 165–76
 collective action 148
 command-and-control models 10–11, 168
 commercialization 1, 2, 5
 commodification 105
 of knowledge 62–3, 68, 124
 common sense 38, 45, 62
 communicability 22, 23
 communication 4, 71
 Communication Workers' Union (CWU) 230, 235–7
 communicative action 64
 communities, creativity and 220–22
 communities of practice 23–4, 220–22
 community-business partnerships 170
 Community and Public Sector Union 261
 comparative advantage 160
 competition 4, 11, 102, 118, 125, 126
 competitive advantage 155, 246, 264
 creativity and 218, 219, 224
 industrial clusters 130, 132, 135–6
 networks and 11, 171, 173
 competitive diamond 128–30
 competitiveness 4, 102, 128, 136
 complex systems 98
 complexifying 259
 complexity 22–3, 38–9, 56, 57
 networks and 166, 171, 175
 computer-readable licences 272
 conduct of inquiry 67
 conscience collectiv 57
 consciousness 20–21, 38
 consequentialism 47
 Conservative government 236
 consumption 2, 3, 218–19
 cultural 8, 95, 96, 100
 content creativity 223
 content generation 98
 contracts 268–9, 270
 control 64
 individualism and 37, 38–40
 conventionality presumption 75
 convergence 166–7, 170
 conversion principle 70
 cooperation 11, 50
 copyright 140, 147–8, 149, 268
 laws 141, 142, 144, 269, 270
 licences 14, 145–6, 270, 272–3
 Copyright Act (Copyright Law Review Committee 2002) 269
 Copyright Amendment (Digital Agenda) Act 2000 (Cth) 269
 Copyright Law Review Commission 269
 corporate amnesia 77
 corporate culturism 47
 corruption 74
 cost
 capital 262–3
 information production 173
 labour 262–3
 reduction strategies 14, 255
 transaction *see* transaction costs
 Creative Commons 14, 270–71, 272, 273, 275, 276
 creative destruction 78
 creative government 113–14
 creative industries 3, 102, 106–8, 268–82

- cultural capital and 8, 93–7, 100
- ecosystem 8, 110–12, 113–15
- managing creativity 13, 221–3, 225–6
- Creative Industries Task Force 3, 95
- creative learning 113, 114
- creative production 95, 96, 100
- creativity 1, 2, 6, 10, 24, 29, 70, 97
 - defined/located 222–3
 - key questions 226–7
 - management of 218–27
 - organization of 8–9, 13, 102–16
 - at work 219–22
- Crew, J. 259
- crisis of interfaciality 58
- critical ontology 46–7
- CSS encryption 269
- cultural capital 74, 81–3, 100, 261
 - knowledge and 93–100
- cultural consumption 8, 95, 96, 100
- cultural economy 97, 102, 115
 - dynamics of 108–9
 - influences 112–14
 - Northern Ireland 8–9, 105–6, 108–12, 113–14
 - strategic knowledge about 106–8
 - understanding 109–12
- cultural innovation 8, 94, 98
- cultural memory 44
- cultural production 3–4, 13, 218–19
- cultural proximity 135
- cultural systems 28
- cultural values 9, 81, 86, 120
- cumulative advantage 74
- curiosity 10–11, 159
- customary norms 268–9

- DaimlerChrysler Corporation 196
- data processing 178–9, 181–2, 185–6
- database 12, 198, 201
 - protection 141, 268
- decision-making 24, 40, 54, 59, 60, 63, 250
- declarative knowledge 23–4, 41
- decompilation 270
- democratic presumption 75
- Department of Culture, Media and Sport (DCMS) 103–4, 105, 108, 110
- Department of Health and Ageing 258
- Department of Homeland Security 159
- derivative use 275
- derivatives 54, 57–8
- design 141, 142, 147, 196, 268
- developed societies 125, 141
- developing countries 141
- dialectical presumption 75
- differentiation 56, 57, 58
- diffusion 12–13, 204–8, 210–11, 213–16
 - curve 183–4, 185, 186
- digital content 4, 99, 270
- Digital Millennium Copyright Act 269
- digital rights management (DRM) 14, 268–76
- digital technology 4, 104, 147
- Digital Versatile Discs (DVDs) 269
- digital watermarking 272, 274–6
- ‘digitized knowledge’ 260
- diminishing returns on investment 70, 74
- disaster scenario 261–3
- dissemination modes 61, 62
- distribution (open/closed) 269–71
- distrust 49–50
- division of labour 158, 180, 187
- domination 64
- downsizing scenario 263
- Drucker, Peter 14, 246, 247–9, 250–51
- drug production/abuse 86
- DuPont 148
- dynamic efficiency 143, 146

- e-bay 258
- e-commerce 98, 167, 169, 256–7
- E-Space 181–2, 183
- econometrics 9, 118–19, 126
- economic capital 81, 83–5
- economic development 80–81, 83–4
- economic justification (IPRs) 142, 143
- economic knowledge management 130–31
- economic rationalism 9, 86
- economic reductionism 9, 118
- economic regions 107–8
- Economic and Social Research Council (ESRC) 99
- ecosystem, regional 8, 110–12, 113–15
- education 4, 157
- efficiency
 - allocative 143, 146
 - dynamic 143, 146

- elite group (in choir) 211–12
 embedded knowledge 45, 67
 embodied knowledge 11, 67, 182,
 183–4, 187, 188–9
 Emilia-Romagna (Italy) 222
 emotions 24
 enactment 5, 26, 30–33
 encryption 269, 271, 272, 276
 Enlightenment 38, 50
 enterprise reputation 14, 257, 260–61
 environmental capabilities 112
 epistemic basis of daily life 38
 epistemic communities 131
 epistemic fungibility 75
 epistemic justice 75
 epistemic truths 43
 epistemological space 181–2, 183
 epistemological uncertainty 41
 ethics 28, 32
 social capital and 7, 85
 wisdom and 6, 37–51
 Ethics (Aristotle) 44
 European Union 86, 99, 115, 141
 intellectual property rights 142,
 147, 148, 268
 Phare Programme 233
 evolution of cognition/consciousness
 20–22
 evolutionary economists 162
 experience 57, 229–30
 expert knowledge 13, 229–42
 expert systems 61, 62, 221
 expertise 56, 61–3, 68, 106, 131, 241
 mix of 111, 112
 explicit knowledge 20, 22, 23, 25
 advantages/disadvantages 196–7,
 199–201
 knowledge management 12, 191–2,
 194–7, 199–202
 Extensible Rights Markup Language
 (XrML) 272
 external scaffolding 180

 facts 121
 family social capital 88
 family values 120
 fantasy 24
 Federal Reserve 55, 166
 feedback loops 59, 97
 feelings 24
- fiefs 184, 185
 Fiji (Great Council of Chiefs) 86
 finalizationists 70–71
 fingerprinting 274
 firms
 intellectual property rights 142–5
 as networks 169–70
 see also business
 fixed capital 71
 flexible specialization 132, 218–19
 folk wisdom 41, 43, 44
 Fordism 219, 222
 foresight 24
 formal knowledge 11, 182, 220
 Foundation for Research, Science and
 Technology (New Zealand) 98
 Framework Programmes (EU) 99
 free-riders 72, 73, 145
 Free Software Foundation 270
 functional transformation 120
 futures markets 57–8

 GE Fanuc Automation 196
 General Problem Solver 72
 genomics/phenomics 98
 geographic indicators 141, 147, 268
 geographic proximity 128, 129, 131,
 133, 135, 222
 geographical clusters 132–3, 169
 geography (of economic knowledge
 management) 130–31
 Global Information 260
 global rent-seeking 146–8
 global social capital 87
 global society 85
 globalization 86, 136, 147, 155
 GNU General Public License (GNU
 GPL) 270
 goals/goal-setting 170
 government 4–5, 84–5, 89
 goals/visions 170
 innovation and 8, 93, 94
 grand narratives 46
 Greenpeace 170
 gross domestic product (GDP) 85, 96
 group norms 206–7, 211–12
 group status 209–15

 ‘hacker community’ 270
 Haiti Council of Community Elders 86

- hedging risks 54
- hermeneutics 27, 62
- Hewlett-Packard 193
- hierarchies 10–11, 168–9, 170, 171, 175, 185, 224
- historical character of knowledge 19–34
- history 11, 157, 161–2
- Hollywood 222
- horizontal coordination 185
- human capital 68, 82, 261, 264
- human infrastructure 2, 14
- human mental evolution 20–22
- humanities 4, 98, 99

- I-Space 181–8
- IBM 148
- ideal member type 212–13, 215
- ideal speech situation 71
- Idealism 124
- ideas 28
- identity salience 208–9, 214–15
- ideology 28
- imagination 21, 24, 60
- imaging 98
- imitation 113, 145
- imperfect knowledge 31
- indigenous knowledge 86, 141
- indigenous people 42, 86, 141
- individual capabilities 112
- individualism 37, 38–40, 47
- individualization 56–7, 58, 60, 63
- industrial clusters 9, 128–37
- Industrial Revolution 167
- industry/industries
 - creative *see* creative industries
 - goals/visions 170
- industry associations 169
- industry networks 129
- inefficiency (information transaction) 229–42
- inexperience (information transaction) 229–42
- influenza vaccines 159
- informating 259
- information
 - acquisition (time factor) 172
 - asymmetry 172
 - as lubricant 156, 158
 - processing 179–81
 - production cost 173
 - rights 268–71
- information and communication
 - technologies (ICTs) 3–4, 49, 73, 180
 - cultural capital and 93–4, 98
 - impact of 185–7, 188–9
 - information sharing 155, 158–9
 - infrastructure 175
 - networking and 173–4
 - productivity 14, 255–65
 - services sector based on 167
- information economics 10, 159–62
- network organizations 11, 165–76
- information revolution 155, 158–9
- information services sector 3
- information sharing 10–11, 155–62, 173
- information society 99, 173
- information space 11, 181–7
- information systems 1, 4, 11, 161
 - strategic perspective 178–89
- information technology 2, 5, 11, 68, 197
 - productivity paradox 14, 256–7, 262, 265
- information transactions
 - inexperience/inefficiency 13, 229–42
 - knowledge worker 14, 247–50
- Ingenium 44
- innovation 2, 3, 5–6, 59, 218, 219, 220, 223
 - clusters 4, 9, 128–37
 - collaboration and 171, 172, 175–6
 - cultural 8, 94, 98
 - intellectual property rights and 9–10, 142–5
 - metrification of units of analysis 134–5
 - policy 8, 93, 97–100, 102–3
 - scenario 263–5
 - services sector 167
 - strategies 14, 255
- Institute of Public Policy Research 236
- institutional inertia 74, 75
- institutional structures 184–6, 187
- instrumental rationality 63
- instrumental reliability 55–6
- insurance industry 58–9
- intangible assets 81, 157, 166
- integration 56–7, 187–8
- integrity (of knowledge) 7, 67–78

- intellectual capital 7, 68, 132
- intellectual labour 26, 30, 124
- Intellectual Property Committee 148
- intellectual property rights (IPRs)
 - 7, 69, 111, 155
 - firms and innovation 142–5
 - in knowledge economy 9–10, 139–50
 - legislation 15, 74, 124, 268
 - open access regimes 14, 15, 271–6
 - policies 14, 269–71
 - protection (benefits) 139, 140
 - rent-seeking problem 145–6
 - trade and 146–8
 - types of 141–2
- intelligence 20, 41, 106
- intentionality 29, 30–31, 32
- International Center for Advanced Studies 155
- International Organization for Standardization 272
- International Telecommunications Union 155
- Internet 11, 136, 165–7, 173, 174, 223, 275
- interorganizational networks 169
- interpretations 60
- interpretative-relational context 26, 27–9
- interrelational model 25–33
- intervention strategies 62
- intranet 12, 193, 196, 198
- intuition 21, 24–5, 30, 44–5, 51
- intuitive wisdom 41
- investment 54–5, 58, 70, 74, 80, 124, 262, 263–5
- invisible hand 118, 170
- Iraqi Governing Council 86
- irrealis 121, 123

- Japan 142
- joint ventures 169
- just-in-time system 173, 238
- justifications for intellectual property rights 142–3

- key performance indicators 37, 47, 87
- know-how 193, 252
- know-what 252
- knower 26, 29, 31
- knowing 19–21, 25–6, 29, 34, 205

- knowledge
 - articulated/unarticulated 22–3
 - assets 194–5, 197, 199–200, 219
 - character/definition of 5, 19–34
 - codified *see* codified knowledge
 - creation 12, 204–16
 - cultural capital and 93–100
 - declarative 23–4, 41
 - diffusion *see* diffusion
 - embedded 45, 67
 - embodied 11, 67, 182, 183–4, 187, 188–9
 - escape 77
 - explicit *see* explicit knowledge
 - formal 11, 182, 220
 - hoarding 77
 - integrity of 7, 67–78
 - interfaces 111
 - issues (industrial clusters) 9, 128–37
 - narrative 11, 182–4, 187, 188–9
 - nature of 11, 204–5
 - procedural 23–4
 - production 249, 250
 - risk and 6–7, 54–65
 - ‘root metaphor’ 247, 250
 - social capital and 80–89
 - social and cultural factors 3–5
 - social identity and 204–16
 - social origins 3
 - sociology of 19–20, 25, 26, 67
 - spillovers 9, 131, 132, 134
 - systems 26, 61
 - tacit *see* tacit knowledge
 - transfer 131–6
 - utilization curve 262, 263–4
- knowledge-based economy 1, 3, 4–5, 15, 54, 93, 100
 - collaboration in 11, 165–76
 - risk and 6–7, 55–64
- knowledge economy 37, 81, 246, 253, 268
 - analysing policy values 9, 118–26
 - creative industries in strategies of 93–7
 - intellectual property rights 9–10, 139–50
 - managing creativity in 218–27
 - organizing creativity in 8–9, 99, 102–16
 - productivity in 11, 255–65

- knowledge management 1–4, 15, 187, 251
 approaches 11–12, 191–203
 economic 130–31
 industrial clusters 128, 136
 knowledge and 22–5, 33–4
 risk and 6–7
 social capital and 80, 89
 social epistemology 68–70, 76–7
 social identity and 204–6, 212–16
 knowledge organization 246, 247, 250
 knowledge policy 67, 74–6
 knowledge production 69, 71, 75–6, 116
 knowledge society 1, 5, 99, 116
 social capital 80–81, 83–5, 89
 social epistemology 68–70, 74, 77–8
 knowledge work/worker 83
 concept challenged 14, 245–53
 knowledge management approaches 12, 197, 202
 management consultants 13, 229–42
 social epistemology 7, 68, 70

 LaborNET 261
 labour
 costs 262–3
 intellectual 26, 30, 124
 see also division of labour
 Labour Party (UK) 236
 Labour Research Department 237
 land ownership 42
 language 20, 21, 120–22, 126
 law 268, 269
 learning 1, 13, 22, 220, 223
 -by-doing 23–4
 capacity 14, 245, 251
 information sharing 10, 11, 161
 knowledge management approaches 192, 194, 199–200
 organizational 245, 262–3
 policy values 123, 125, 132–3
 social *see* social learning
 time factor 172
 licence reference 271–2
 licences 14, 141, 145–6, 270, 271–4
 Living Standard Measurements Survey 88
 location (knowledge transfer) 131–4
 lock-in 157
- logistics development 173
 Lombardy (Italy) 222
 London Economics 236
 Long Term Capital Management (LTCM) 54–5

 Machlup, Fritz 14, 246, 249–52
 McKinsey Global Institute 256
 maintenance behaviour (status) 209–10
 management
 of creativity 218–27
 implications (network organizational forms) 174–6
 management consultants 13, 229–42
 managerial creativity 223
 managers
 creativity defined/located by 222–3
 creativity managed by 223–6
 mantras (in management discourse) 48
 market failure 77
 market fundamentalism 85
 markets 168–9, 184, 185, 268–9
 Marriott Brigade 234
 material character of knowledge 19–34
 Materialism 124
 maximization (of capital) 83, 84, 85
 measurement (wisdom/reflexivity) 48–9
 memory 24, 30, 44, 71
 mental character of knowledge 19–34
 mental evolution, human 20–22
 mergers and acquisitions 174, 175–6
 meta-narrative 46
 metaphors 20, 21, 25, 245–53
 metrification (knowledge transfer and innovation) 134–5
 Mexico 89
 mindsets 10–11, 155, 156–61
 modernity 39, 46, 59, 63, 64, 119
 modernization 56, 57, 60, 63
 Mode 1 knowledge 69, 71
 Mode 2 knowledge 69, 71, 116
 Modespeak 69–72, 74
 moral justifications (for intellectual property rights) 142–3
 moral values 81, 82, 85, 86
 Motorola 195
 multimedia 98
 myths 21

- narrative knowledge 11, 182–4, 187, 188–9
- National Communications Union 236
- National Development Plan (Taiwan) 98–9
- National Institutes of Health (USA) 159
- national statistics 107, 108
- nations (goals/visions) 170
- natural selection 118
- neo-classical economics 38
- neo-liberalism 38, 39, 71, 72–3, 118–20, 125
- Network of European Foundations for Innovative Co-operation (NEF) 103
- network failure 77
- network form of organization 11, 165–76
- networks 49, 77, 84, 106, 110
 in geographical clusters 9, 132–3
 ICT and collaboration 173–4
 organizational 11, 167–70
 see also social networks
- new economy 93, 94, 95–6, 97, 100
 definition 165–70
 organization 37
- new products/services 259–60
- New Zealand 98
- Newspeak 68, 69, 70, 74, 77
- non-linear innovation 97
- non-linear risks 59
- non-technical knowledge 1
- normative rationality 64
- norms 81, 82, 84, 87, 88, 161
- Northern Ireland 8, 108–12, 113–14
- not-for-profit organizations 12, 204, 207–13
- nous (commonsense) 38, 45
- objects, beliefs about 29–30
- OECD 3, 93, 95, 165, 166
- Office of National Statistics 107
- ontology/ontological categories 41, 42, 45, 46–7, 48
- open access 14, 268–76
- Open Digital Rights Language 272
- open distribution 269–71
- open IPR management 271–6
- operational issues, social capital and 85–7
- opportunities 113, 114, 158
- organization
 creative industries ecosystem 111, 112
 creativity in knowledge economies 102–16
 network form of 165–76
 organizational capabilities 112
 organizational learning 245, 262–3
 organizational networks 11, 167–70
 organizational obsolescence 157, 158–9
 organizational structures 11, 26–7, 123, 261–2
 extrinsic/intrinsic 13, 226–7
- other-related capital 82–3
- paradigm shifts 14, 42
- Paris Convention 142
- Patent Offices 142
- patents 140–49, 268
- pedagogical strategies 64
- peer review 74
- performance indicators 37, 47, 48, 87
- performance reviews 47
- performing arts 12–13, 207–13
- Peru 141
- Pfizer 148
- Phare Programme 233
- pharmaceutical market 144, 147
- phenomenological background 25–6, 28–9
- phenomenological context 27, 30
- Philips 193, 198
- philosophical theories of knowledge 67
- Phoenix, University of 258
- photonics 98
- phronesis 45
- physical capital 166
- platform teams 196
- platypus 159
- Poland 230, 232–5, 241
- policy 1, 2, 4, 8, 10
 issues (operation of industrial clusters) 135–7
 knowledge 67, 74–6
 knowledge management and 34
 risk society (implications) 61–4
 values 9, 118–26
- political economy 6, 97, 118, 119, 126

- political values 81
- politics 32, 89, 215
- Porter, Michael 4, 128–30
- positional goods 73
- positions (social-relational context)
 - 26–7, 28
- post-Fordism 219
- post-industrial society 247
- Post Office 235–6
- postmodern organization 37–51
- postmodernism 39, 43, 68
 - wisdom and 46–50
- postmodernity 39, 46, 50
- power 64, 71, 212, 215–16
- pragmatic relativism 50
- pragmatism 47, 50
- praxis 44, 45
- President's Advisory Committee on
 - Trade Negotiations 148
- price 102, 118–19, 124, 126, 170
- privatization 235–6, 237
- probability 156
- procedural knowledge 23–4
- process language 122
- production 1, 56, 57, 249, 250
 - creative 95, 96, 100
 - cultural 3–4, 13, 218–19
 - knowledge 69, 71, 75–6, 116
- productivity 14, 255–64
- productivity paradox 14, 256–7, 262, 265
- products, new (ICTs) 259–60
- profits/profitting 84
- proposals 32, 120, 121
- propositions 26, 28, 120, 121, 123
- Protestant Ethic 74
- prudence 44
- public-private partnerships 170
- public digital watermarks 272, 275–6
- public good 7, 68–9, 70, 72–3, 77, 85, 149, 155, 172
- public interest 80
- public performance 12–13, 207–13
- public research (on economic regions)
 - 107–8
- public sector 94
 - regulation 85–6
- purposes 32
- quality assurance 259
- quality circles 170, 194, 195
- quality of life 1, 13, 83, 87
- Queensland Education Department 46
- rationality 40
 - bounded 31, 157, 161–2, 262
 - instrumental 63
 - normative 64
 - systemic procedural 63
 - technical 38, 39, 46, 47, 48, 49, 50
- re-engineering 42, 64
- reality 2, 11, 22, 30, 46, 60
- reason 44–5
- reciprocity 7, 87, 88, 205
- Recognition of Prior Learning (RPL)
 - statement 48–9
- reflexivity 28, 70, 84
 - wisdom and 38, 44–50
- reform fatigue 48
- regions (goals/visions) 170
- regulation, individualism and 37, 38–40
- reliability 67
- rent-seeking behaviour 10, 145–8
- reputation 14, 257, 260–61
- research 78
 - outcomes 132
 - public (economic regions) 107–8
- Research Council 99
- research and development 3, 8, 10, 159, 167
 - in creative industries 93–7
 - intellectual property rights and 143, 272
 - policies (evolution) 97–100
 - strategies 4
- resource allocation 168, 171, 172, 174
- reverse engineering 124, 270
- rhetoric 76
- rights expression languages (REL)
 - 272
- risk
 - knowledge and 6–7, 54–65
 - management 59
 - perceptions (implications) 61–4
 - society 58–64
- robust public watermarking 274–6
- routinization of knowledge 68
- rule deontology 48, 50

- sagacity 41, 44
- sampling (watermarks) 275
- Schwab, Charles 260
- science 1, 2, 4–6, 68, 70–71, 74–5, 96, 98, 119–20, 125, 159
 - engineering technology (SET) 94, 95, 99, 100
- scientific knowledge 76
- scientific management (Taylorism) 14, 37, 123, 246, 247, 248, 249
- scientific paradigm 70
- sectoral capabilities 112
- self-awareness 28
- self-concept 206, 207, 209
- self-esteem 206, 207, 209
- self-interest 44, 45, 47, 72, 73, 83, 85, 86, 89
- self-organization 174, 175
- self-referential systems 54, 57, 62
- semi-autonomous teams 123, 124
- sense-making 27, 29, 62
- services sector 167, 169, 259–60
- shared meaning/understanding 22–3, 24
- shared values 82, 86, 185, 207
- signification 61–2
- Silicon Valley 169, 222
- Singapore Ministry of Trade and Industry 3
- situation (interrelational model) 26, 29–30
- small and medium enterprises (SMEs) 135, 218, 222–3, 235
- Smart State (Queensland) 46
- social-relational context (interrelational model) 26–9, 32
- social action, risk society and 61–4
- social capital 70, 72–4, 100, 175, 205
 - creative destruction of 78
 - economic capital and (tensions) 83–5
 - identifying/measuring 87–9
 - knowledge and 80–89
 - operational issues and 85–7
- Social Capital Assessment Tool (SOCAT) 88–9
- Social Capital Integrated Questionnaire (SC-IQ) 88
- social cohesion 82
- social constructivism 75
- social democracy 71
- social epistemic testing 20
- social epistemology 7, 67–78
- social good 85
- social identity theory 12–13, 205–7, 209–10, 212–13, 214–15
- social infrastructure 2
- social knowledge 125
- social learning 9, 23–4
 - cycle (SLC) 11, 183–5, 186, 187–8
- social networks 26–8, 86, 158, 205, 207, 221–2
 - collaboration 11, 165–76
 - industrial clusters 9, 131
- social norms 81, 82, 84, 87, 88, 161
- social sciences 1, 4, 98, 119
- social structures 7, 26–7, 58, 82, 86
- social systems 31–3, 56–7
- social values 7, 9, 82, 85, 86
- socio-cultural conditions 7, 80–81, 86
- sociology
 - of knowledge 19–20, 25, 26, 67
 - of risk 58
- software 10, 142, 144, 147, 260, 269, 270
- Soros Foundation 88
- space-time language 121–2
- spatial levels (knowledge transfer) 134–5
- stakeholders 14, 257, 258–9
- Standard Industrial and Occupational Classification (SIC) 107
- statistical codes 107
- status seeking/maintenance 209–10
- stories (myths) 21
- strategic alliances 169
- strategic knowledge 8–9, 106–8
- strategic perspective on information systems 178–89
- strategic sustainable development 8, 110–12, 113–14
- substance language 121–2
- supply chain 2, 173
- sustainable development 8, 110–12, 113–14
- sustained development 87, 265
- systemic procedural rationality 63
- tacit knowledge 2, 22–3, 25, 70, 71, 145, 220, 250

- advantages/disadvantages 196–8
- collaboration and 173, 175–6
- information systems 11, 184
- knowledge management approach 12, 191–4, 196–8, 201–2
- location/transference 9, 131
- spillovers 9, 131
- tacit knowing and 19–21, 25
- wisdom and 48, 49–51
- Taiwan 98–9
- tangible assets 81
- Tanzania Social Capital and Poverty Survey (SCPS) 88
- Taylorism (scientific management) 14, 37, 123, 246, 247, 248, 249
- teaching 78
- technical knowledge 47
- technical rationality 38, 39, 46, 47, 48, 49, 50
- technicians 56
- technocracy 1, 2, 54, 55–8, 62–3
- technocratic rationality 39
- technocratic systems 61, 62, 121
- technological determinism 257
- technology 1, 2, 5, 68, 96, 98, 125
 - creative industries ecosystem 111, 112
 - role of 271–6
 - transfer 70
- telecommunications 155
- terra nullius 42
- terrorist organizations 170
- Thatcherism 235
- Third Way 235
- Time/Warner 104
- time factor (information acquisition) 172
- Toyota 193–4, 195
- trade
 - intellectual property rights and 146–8
 - secrets 141
- Trade-Related Aspects of Intellectual Property Rights (TRIPS) 142, 147–8, 268
- trade unions 230, 235–7, 241
- trademarks 141, 142, 147, 268
- tradeoffs 85, 89
- tradition 40, 43
- training 4
- trans-governmental (creative industries) 104–5
- trans-professional (creative industries) 104
- trans-sectoral (creative industries) 104
- transaction costs 11, 14, 132, 165, 168, 174, 176, 255, 257–8, 259
- transference (of knowledge) 131–4
- translation deficit 57, 58
- Transport and General Workers' Union 237
- tribal society 82, 86, 87, 88
- trust 49–50, 51, 56, 82, 87, 88, 175
- truth 67
- truth-value 40
- Type I error 42
- Type II error 41–2
- UK 99–100
- unarticulated knowledge 22–3
- uncertainty 2, 15, 41–3, 166, 171, 175
 - information sharing 10–11, 156–7
 - risk and 6–7, 59, 60
- underdeveloped society 125
- understanding 27, 62, 81
- uniform resource locator (URL) 275
- Union of Communication Workers 236
- unit of analysis (metrification) 134–5
- United Nations 155
 - Office on Drugs and Crime 86
- universities 7, 69, 71, 77–8
- USA 99, 159
 - intellectual property rights 142, 147, 148
- validity 67
- valorization 62–3
- value chains 114
- value circuits 111, 112
- values 28, 32, 84, 251
 - attribution of 62
 - cultural 9, 81, 86, 120
 - moral 81, 82, 85, 86
 - policy (analysis) 9, 118–26
 - shared 82, 86, 185, 207
 - social 7, 9, 82, 85, 86
- variable capital 71
- VAT registration 107
- vertical integration 170
- virtuous action 40, 44
- vision 28, 170

- watermarking 271–2, 273, 274–6
- welfare state 72–3
- wisdom 6, 28, 30, 33, 38, 39
 - definition 40–44
 - in future 50–51
 - postmodernism and 46–50
 - reflexivity and 44–50
- work, creativity at 219–22
- world, agent and 179–80
- World Bank 80, 88, 122–3, 124
- World Intellectual Property Organization 142
- World Summit of the Information Society 155
- World Trade Organization 118, 142, 147, 149, 268
- Xerox effect 261–2