

# INDEX

- Accounting, 360–361  
AF Method. *See* Alkire–Foster Method (AF Method)  
Affect-based trust, 35  
Agentic behavior, 96–98  
Aggregation-theories (A-theories), 327  
Alchemy, 346  
Alkire–Foster Method (AF Method), 355  
Allocation methodology, 278  
Analogizers, 65  
Anti-fragile, 89  
Artificial intelligence, 240  
    algorithms, 68  
Assembly line, 37  
Asymmetric-information–based theories, 387  
Autopoiesis, 11–12, 14  
    Maturana’s and Varela’s theory, 13  
Autopoietic epistemology, 11  
    child development, 13  
    metaphors, 12  
    self-reference, 13  
    *See also* Connectionist—epistemology  
Balance sheet, reporting HR value on, 372  
Balanced Scorecard, 361  
Bayesians, 65  
Behavioral resource, 106–108  
Big, Hairy, Audacious Goals (BHAG), 184  
Big Data, 62  
Blockchain, 244  
    blockchain-timestamped protocols, 78  
    technologies, 78–79  
Bonus-seeking behavior, 235–236  
    strategies, 216–217  
Bottom-up emergence mechanisms, 327  
Box, 68  
Brain-drain effect, 232  
Brainstorming, 198–200  
Brazilian culture, 44  
Brexit, 217–218, 246–247  
British exceptionalism, 242  
“Brundtland Commission”. *See* UN World Commission on Environment and Development  
Bubble  
    building, 218–219  
    of human capital, 232  
Building representation process, 8  
Butterfly effect, 108  
Canadian healthcare system, 274–275  
Capitalization, 361, 362  
CCACs. *See* Community Care Access Centers (CCACs)  
Center for Open Science (COS), 74  
Central East Local Health Integration Network (CE-LHIN), 281–282  
CFA. *See* Confirmation factor analysis (CFA)  
Change, transition  
    change dynamics, 89

- enabling and constraining factors, 91
- experience of change, 90–91, 130
- magnitude of change, 90–91, 129–130
- phenomenon of change, 91–92
- reluctance to change, 121
- resistance to change, 121
- social, cognitive, psychological and behavioral factors, 91
- Chatman’s method of coding
  - kernels-meaning-affect method, 115, 116
  - text, story, fabula, generating mechanism, 116
- “Cheapest bailout in history”, 220
- Child development, 13
- Cisco, 63
- CLF. *See* Common latent factor (CLF)
- Cobb–Douglas production function, 369–370
- Cognitive/cognition
  - analytics, 67, 68
  - appraisal process, 102
  - bias, 388
  - cognition-based trust, 35
  - cognitive personality theories, 102
  - cognitive–relational theorists, 102
  - computing, 62, 65–67
  - demand appraisal, 102
  - distance, 32
  - positive cognitive appraisal, 101–102
  - resource appraisal, 102
  - self-knowledge, 102–104
  - social cognitive theories, 102
  - See also* Entrepreneurial cognitive bias
- Cognitivist perspective on knowledge, 6–8
- CognizeR from Columbus Collaboratory, 67
- Comma separated values data (CSV data), 68
- Common latent factor (CLF), 113
- “Common spirit”, 189
- Communication, 38–45
  - knowledge transfer as process of, 27
  - models, 28
    - dynamic model of knowledge transfer, 32
    - keywords, 30
    - knowledge transfer and, 28
    - problems, 29
    - Shannon-Weaver model, 31
  - number of communicative initiatives, 42
- Community Care Access Centers (CCACs), 288–289
- Compensation
  - in financial industry, excessive, 228–233
  - systems, 247
- Competence variable, 38–45
- Competencies, 25, 32, 295
- Competitiveness of firm, 23, 27, 35
- Computational research, 73
- Computational simulation, 165
- Computerized tomography (CT), 277
- “Conceptual isomorphism”, 305
- “Conceptual stretch” of social capital, 324
- “Conceptual twist”, 324
- Confirmation factor analysis (CFA), 113
- Connectionist, xxvi, xxvii, xxxi
  - epistemology, 8
    - building representation process, 8
    - knowledge creation and transfer, 9
    - knowledge management, 10

- Popper criteria for knowledge creation, 11
  - See also* Autopoietic epistemology
  - machine learning, 65
  - perspective, 5, 22
  - platform, 15
- Contemporary motivation theories, 228
- Core ideology, 184
- Corporate coherence, 201–202
- Correlation coefficients
  - for communication and competence variables, 46
  - for cultural variables, 48
  - matrix of, 47
- Correlation results, 45–49
- COS. *See* Center for Open Science (COS)
- Crisis
  - impact of financial crises, 218–220
  - industry blind to warning signs before, 220–223
- Critical success factors (CSFs), 357, 362
- Cross-country replications, 192
- Cross-functional research, 372
- Cross-level generalizations, premature, 304
  - aggregation techniques, 308
  - conceptual isomorphism, 305
  - human capital resources, 306
  - organizational antecedents, 307
- Cross-level linkages, 326–329
- Crybro in Sri Lanka, 37
- CSFs. *See* Critical success factors (CSFs)
- CSV data. *See* Comma separated values data (CSV data)
- CT. *See* Computerized tomography (CT)
- Cultural/culture constructs, 43
  - creation, 34
  - factors, 49
  - problems, 236
  - of “valuation”, 371
  - variables, 44
- Cupco in Kuwait, 37
- Customer capital, 298
- Cyber attacks, 240
- Danpo in Denmark, 36
- Data analysis, 112–114
- Data collection, 35
  - number responses to questionnaires, 38
  - traditional firms, 36
  - white meat production operations, 37
- Data Curation, 76
- Data Management Plan (DMP), 76–77
- Data research, emerging technologies for
  - cognitive computing, 65–67
  - encryption, virtualization, and blockchain technologies, 78–79
  - environmental scanning, 63–64
  - networking research world, 73
  - reproducible results without replicated data, 73–74
  - requirements for researchers in networking world, 74–75
  - research funding crisis, 77
  - researchers as curators, 76–77
  - visualizing environment, 64–65
- Watson Discovery, 69–73
- working with Watson Analytics for Social Media, 68–69
- Data stewardship. *See* Data Curation
- Debt financing, 399–402

- “Decision science” approach, 310–311
- Decision-makers, 64, 65, 72
- Decision-making, 62, 95, 102, 156, 245, 375
  - autonomy in, 98
  - flexibility in, 101
  - internal, 349
- Deloitte-World Economic Forum, 243
- Demand appraisal, 102
- Department of Defense (DoD), 71
- Designated satellite sites, 287, 288
- Dialogue regarding proposed visions, 199
- Digital media, 64
- Discouragement effects for
  - external financing, 403–408
- Dispersion models, 308
- Distortion, 64
- DMP. *See* Data Management Plan (DMP)
- DoD. *See* Department of Defense (DoD)
- “Downstream” services, 278
- Dropbox, 68
- Dynamic capabilities, 294, 313–314, 325
- Dynamic flows
  - macro-level static stocks and, 325–326
  - meso-level static stocks and, 324
  - micro-level static stocks and, 322–323
- Dynamic model of knowledge transfer, 32
- EBA. *See* European Banking Authority (EBA)
- “Echo chamber” effect, 64
- Economic and social theories, 154
- Economic parlance, 247
- Edith Penrose’s vision, 24
- Education and awareness raising processes, 188–189
- Education for Responsible Development (ERD), 191
- Effectiveness problem, 29
- Electronic networking, 296
- Emergence models, 312–313
- Emotional resource, 105
- Emotional response to
  - uncertainty, 105
- Empirical studies, 316–317
- Encryption, 78–79
- Endogeneity, controlling for, 408–410
- “Enormous human and economic cost”, 218
- E.N.T.E.R. network. *See* European Network for Transfer and Exploitation network (E.N.T.E.R. network)
- Entrepreneurial cognition in
  - financing decisions, 395
  - debt *vs.* equity financing, 399–402
  - external *vs.* internal funding, 395–399
  - impact, 403
    - controlling for endogeneity, 408–410
    - discouragement effects for advanced tools of external financing, 410
    - discouragement effects for external financing, 403–408
- Entrepreneurial cognitive bias, 388
  - data and methodology, 389
  - innovation activities, 390–391
  - innovation metrics, 391–392
  - OCS, 389–390

- entrepreneurial cognition in
  - financing decisions, 395–402
- impact of entrepreneurial cognition in financing decisions, 403–412
- external funding, 389
- observing demand for external financing for innovation activities, 392–394
- SMEs, 386–388
  - See also* Cognitive/cognition
- Entrepreneurs perception, 388
- Environmental scanning, 63–64
- Envisioned future, 184
- Envisioning process, 183, 188–189, 192, 194, 195, 196, 199
- Epistemology
  - autopoietic, 11–14
  - cognitivist perspective on knowledge, 6–8
  - connectionist, 8–11
  - perspectives, 5
- Equity financing, 399–402
- Equity-based financing, hidden demand for, 401–402
- ERD. *See* Education for Responsible Development (ERD)
- E-referral tool, 283–284
- E-tools, 282
- EU. *See* European Union (EU)
- Eudaimonic well-being. *See* Psychological well-being (PWB)
- European Banking Authority (EBA), 228–229
- European Network for Transfer and Exploitation network (E.N.T.E.R. network), 190
- European Union (EU), 190, 358, 364, 389
- Eventbrite, 68–69
- Evolutionaries, 65
- Excel spreadsheets (xlsx), 68
- Excessive compensation in financial industry, 228–233
- ExFin*, 404
- Explicit knowledge, 28
- Externalities, 216, 240, 242
- External financing
  - discouragement effects for, 403–408
  - for innovation activities in SMES, 392–394
- External funding, 395–399
- Financial system, XXI century's
  - bonus-seeking strategies, 216–217
  - excessive compensation in financial industry, 228–233
  - impact of financial crises, 218–220
  - financial sector, 217–218
  - fundamental changes in industry, 240–247
  - industry blind to warning signs before crisis, 220–223
  - manipulation in financial markets, 233–237
  - overgrown industry beyond its optimal size hiding problems, 237–240
  - social identity and social capital in finance, 224–228
- Financial/finance
  - bubbles, 219
  - crises, 238
    - impact, 218–220
  - fraud, 224, 233
  - industry, 216
    - evolution, 227
    - excessive compensation in, 228–233

- markets manipulation, 233–237
- sector, 217–218, 240, 245
- social capital in, 224–228
- system, 241–242
- FinTech, 242–243, 246–247
- Firms
  - efficiency, and problem of
    - intra-firm teams, 152
    - human capital as productive asset, 154–156
    - RBV of firm and human capital, 156–157
    - tacit knowledge, 157–158
  - neoclassical theory, 24
  - teams and knowledge work
    - within, 158
    - development of team, 159–160
    - maximum allocative efficiency and implications, 160–162
    - networked minds as strategic capital asset, 158–159
- Flash-crashes, 240
- Flexibility, 108
- Flourishing Scale, 96–97
- Four-quadrant model, 90–92, 130–131
- Fraudulent deals, 234–235
- Fraudulent schemes, 235–236
- Free-rider, 216
- Full Text Analytics, 67
- Functional isomorphism, 305
- GDP. *See* Gross domestic product (GDP)
- Global crisis, 218
- Global responsibility, 181
- Global sustainability, 180
- GLOBE project, 47, 49
- GNH. *See* Gross national happiness (GNH)
- GNP. *See* Gross national product (GNP)
- Google, 66
- Greed, 216, 217, 224, 233, 236, 237
- “Greed is good” belief, 227–228
- Greenspan, Alan, 221–223
- Gross domestic product (GDP), 347
- Gross national happiness (GNH), 353, 355–356
- Gross national product (GNP), 355
- Growth
  - development, 94–95
  - learning, 94–95, 96, 108
- Happiness Seismograph, 354
- “Hard won” knowledge, 33
- HC. *See* Human capital (HC)
- Health services reimbursement model, 279
- Healthcare, 276, 280
  - key problems within Ontario’s healthcare structure, 278–279
  - system, 275
- Hedonic well-being. *See* Subjective well-being (SWB)
- Higgins’ conceptualization of self-knowledge, 103
- High earners, 229
  - amount Paid to, 230
  - behavior, 231–232
  - financial, 231
  - London-based, 230
- High-performance work practices (HPWP), 302
- Homo sapien*, 346
- Homo sustainabiliticus*, 179, 217, 238, 346
- Homo technologicus*, 222, 238, 240
- HPWP. *See* High-performance work practices (HPWP)
- HR. *See* Human resource (HR)
- HRA. *See* Human resource accounting (HRA)

- HRM. *See* Human resource management (HRM)
- HubSpot, 68–69
- Human capital (HC), 62, 98, 186–187, 280, 289–290, 345, 348
- anchor for competitiveness, 349–350
  - bubble, 232
  - building, 188–189
  - directions for future research, 372–374
  - economic parlance, 347–348
  - intangible assets, 350
  - measurement, 350, 359–370, 366
    - Cobb–Douglas production function, 369–370
    - comprehensive evidence, 359–360
    - economy, 351–352
    - GNH, 355–356
    - instances of measuring intangibles, 351–359
    - MAGIC strategy, 356–359
    - Markov analysis, 366–369
    - taxonomy of ICV methods, 360–366
    - twentieth century witnessed approaches, 353–354
  - organization, 347
  - as productive asset, 154–156
  - RBV of firm and, 156–157
  - recommendations, 370
    - cross-functional and HRA-domain specific research, 372
  - inculcating culture of “valuation”, 371
  - reporting HR value on balance sheet, 372
  - seek mathematical and cross-functional interventions, 371
  - resources, 306
- See also* Human-derived capital; Intellectual capital (IC); Psychological capital (PsyCap); Social capital
- Human resource (HR), 301, 347, 349
- reporting HR value on balance sheet, 372
- Human resource accounting (HRA), 349
- HRA-domain specific research, 372
- Human resource management (HRM), 155
- Human sigma, 356
- Human-derived capital, 294, 295, 298
- definitions and seminal works, 298–300
  - dynamic, multilevel framework, 321
  - electronic networking, 296
  - human investments in education, 300
  - human resource, 301
  - imprecise and tautological definitions and measures, 302–304
  - intellectual capital, 311–313
  - mapping territory, 296, 297
  - operationalization, 302
  - organization’s human capital, 301
  - overemphasis on static models, 309–311
  - premature cross-level generalizations, 304–308
  - psychological capital, 318–320
  - RBV, 295
  - reconceptualization, 295–296
  - social capital, 315–318
  - structural capital, 313–315

- toward classification system, 320
- cross-level linkages, 326–329
- macro-level static stocks and dynamic flows, 325–326
- meso-level static stocks, dynamic flows, and within-level linkages, 324
- micro-level static stocks, dynamic flows, within-level linkages, 322–323
- IBM Watson, 66, 67
- IC. *See* Intellectual capital (IC)
- IC-Audit Model, 353
- Icelandic parliamentary commission, 223
- IC-Index, 354
- ICIs. *See* Intellectual capital indicators (ICIs)
- ICV methods. *See* Intellectual Capital Valuation methods (ICV methods)
- Ill-designed compensation schemes, 228–229
- Improvisation, 106–108
  - behavioral construct, 107
  - behavioral strategy, 107
  - cognitive construct, 107
  - improvisation defined, 107
    - bricolage, 107, 125
    - creativity, 107, 125
    - intuition, 107, 125
  - improvisation process, 107
  - improvisation behavior, 107, 117–118
  - practice of improvisation, 106
- Individual-theories (I-theories), 327
- Industry
  - blind to warning signs, 220–223
  - fundamental changes in, 240–247
    - compensation systems, 247
    - financial sector, 240
    - financial system, 241–242
    - FinTech, 242–243
    - Internet of money, 244
    - investors, 245
    - sustainability-friendly financial sector, 246
    - overgrown, 218, 237–240
- Information technology, 62, 348
- Innovation
  - activities, 390–391
    - external financing for, 392–394
  - capital, 299
  - employees, 404
  - innovative SMEs, under-investments in
    - data and methodology, 389–392
    - entrepreneurial cognition in financing decisions, 395–402
    - impact of entrepreneurial cognition in financing decisions, 403–412
    - external funding, 389
    - observing demand for external financing for innovation activities, 392–394
    - SMEs, 386–388
    - measures, 412
    - metrics, 391–392
    - revenues, 391, 404
- Intangible Asset Monitor, 354
- Intangible assets, 350, 353–354
- Intellectual capital (IC), 298, 311–313, 326, 354, 356, 365
  - See also* Human capital (HC); Psychological capital (PsyCap); Social capital



- Intellectual capital indicators (ICIs), 357
- Intellectual Capital Valuation methods (ICV methods), 360
  - taxonomy of, 360
    - clusters, 363–365
    - holistic metamorphosis, 365–366
    - mathematics and accounting, 360–361
    - scorecard method, 361–362
- “Intellectual elite”, 227
- Inter-firm sharing of knowledge, 34
- Interconnectedness of asset stocks, 296
- Internal funding, 395–399
- International financial centres, 242
- Internet, 75
  - of money, 244
- Internet of Things (IoT), 62, 63
- Interpersonal trust, 35
- Interpretation problem. *See* Semantic problem
- Intra-firm teams, 152
  - firms, efficiency, and problem of, 152–158
  - simulation, 162
    - benefits of network, 163–165
    - computational simulation, 165
    - Monte Carlo simulation, 166–168
    - scenario with no network effects, 162–163
- teams and knowledge work
  - within firms, 158
  - development of team, 159–160
  - maximum allocative efficiency and implications, 160–162
  - networked minds as strategic capital asset, 158–159
- Investors, 231–232, 245
- IoT. *See* Internet of Things (IoT)
- Job description (JD), 368
- Journal of Management*, 296–297
- Knowledge, 346
  - assets, 386
  - management, 10
  - parasites, 33
  - pyramid, 8
  - senders, 33
  - sharing, 33
    - efficiency and implications, 160–162
    - tacit, 28, 152, 157–158
- Knowledge, Skills, Abilities, and Others (KSAOs), 186, 295
- Knowledge, skills, and abilities (KSAs), 154, 159–160, 186
- Knowledge transfer, 23
  - benefits, 23
  - and communication models, 28–30
    - adaptation, 30
    - control and ownership, 31–32
    - implementation, 31
    - initialization, 30
  - knowledge as central factor for firm’s development, 24–26
  - as process of communication, 27
    - factors hindering or stimulating knowledge exchange, 33–35
    - introductory comments, 27–28
  - research, 24
  - theory of firm, 24–26

- Knowledge-based economy, 4  
   contributions, 4  
   epistemology  
     autopoietic epistemology,  
       11–14  
     cognitivist perspective on  
       knowledge, 6–8  
     connectionist, 8–11  
     different perspectives on, 5  
     position and contributors, 5  
 KSAOs. *See* Knowledge, Skills,  
   Abilities, and Others  
   (KSAOs)  
 KSAs. *See* Knowledge, skills, and  
   abilities (KSAs)  
 Kupco, 44, 45  
  
 LAR in Brasil, 36–38, 41–44,  
   47–49  
 Learning, 108, 183  
   supervised learning approach,  
     66  
   unsupervised machine learning  
     approach, 66  
 Linear transmission model, 29  
 “Logos”, 6  
 London Forex market, 234  
  
 “Macho” culture, 216  
 Macro-level emphasis, 314  
 Macro-level static stocks and  
   dynamic flows,  
     325–326  
 Macro Process Model, 353  
 MAGIC strategy. *See* Measuring  
   and Accounting  
   Intellectual Capital  
   strategy (MAGIC  
   strategy)  
 Magnetic resonance imaging  
   (MRI), 277  
 Mann-Witney U test, 411  
 Market participants, 239  
 Markovian analysis, 366–369  
 “Master algorithm”, 65  
  
 Mathematics, 360–361  
 Maturana’s and Varela’s theory of  
   autopoiesis, 13  
 Measuring and Accounting  
   Intellectual Capital  
   strategy (MAGIC  
   strategy), 356–359  
 Memorandum of Understanding  
   (MOU), 287–288  
 Meso-level static stocks, 324  
 Micro-level static stocks,  
   322–323  
 Microfoundations, 327  
 Miners, 244  
 Minimum/maximum emergence,  
   312–313  
*Mission*, 185  
 Mixed methods  
   approach, 192–193  
   research, 109  
   study, 109, 117–118  
 Mobilization of resources, 128  
   behavioral, 90, 91–92, 99  
   cognitive, 90, 91–92, 99, 323  
   emotional, 90, 99, 105  
   psychological, 90, 91–92, 99,  
     318–319  
*Modus operandi*, 314  
 Monte Carlo simulation, 162,  
   166–168  
 MOU. *See* Memorandum of  
   Understanding (MOU)  
 MRI. *See* Magnetic resonance  
   imaging (MRI)  
 Multidisciplinary team, 281, 286,  
   287  
  
 Narrative  
   narrative identity(ies), 101  
   self-narrative, 105  
   self-story, 128  
   transitional narratives, 115,  
     124, 125  
 Neoclassical theory of firm, 24  
 Network(s), 187–188

- approach, 179
  - benefits of, 163–165
  - networked minds as strategic capital asset, 158–159
  - shared vision statement, 202–203
- Networking world
  - requirements for researchers in, 74–75
  - research world, 73
- New Israeli shekel (NIS), 390
- Non-parametric tests, 411
- “Non-system”, outdated, wasteful, and ineffective, 275–278
- Office of Science and Technology Policy (OSTP), 67, 77
- Office of the Chief Scientist (OCS), 389
- OneDrive, 68
- Ontario, 275
  - healthcare challenges, 280
  - key problems within Ontario’s healthcare structure, 278–279
  - shoulder care in, 275–278
- Ontological organizing principles, 91, 117, 118
  - freeze – rebalance – unfreeze*, 130
  - ontological experience of change, 90, 130
  - organizing principles, 112
  - unfreeze – transition – refreeze*, 120, 121, 130
- Open Science Framework (OSF), 74
- Organismic Valuing Theory (OVT), 103
- Organization(al), 347, 352
  - capital, 298–299
  - cultures, 225
  - human capital, 301
  - society, 179–180
- Organizational-theories (O-theories), 327
- OSF. *See* Open Science Framework (OSF)
- OSTP. *See* Office of Science and Technology Policy (OSTP)
- Outcome variable, 38–45
- Overemphasis on static models, 309–311, 330
- Overgrown industry, 218, 237–240
- OVT. *See* Organismic Valuing Theory (OVT)
- Parametric tests, 411
- Partial Least Squares SEM modeling (PLS SEM modeling), 113
- Participatory Action Research, 192–193
- Patient disability, 276
- Patient journey, 277–278
- Patient-centered approach, 279
- Patterned emergence, 313
- Paypal/Braintree, 68–69
- PCPs. *See* Primary care providers (PCPs)
- Perceived Social Support*, 99, 105–106, 112, 113, 117–118
- Performance Measurement Matrix, 353
- Performance Prism, 353
- Personality trait, 97
- PESTO. *See* Promotion and Network of EU Projects on Sustainable Tourism (PESTO)
- PLS SEM modeling. *See* Partial Least Squares SEM modeling (PLS SEM modeling)
- Pooled unconstrained emergence, 312–313

- Positive
  - affect, 95, 101
  - affective experiences, 93
  - consequence, 89, 92–93
  - emotions, 101, 323
  - knowledge, 95–96
  - meaning, 96, 98, 101
  - outcome, 96–98, 106, 108, 242
  - positivity, 101, 318
  - psychology, 93, 318–319
  - relationships, 93–94, 120
- Positive Cognitive Appraisal, 101–102, 117–118
- Positive organizational behavior, 318–319
- Posttraumatic growth theories, 100, 105
- Power distance, 44
- “Powerful interests”, 241–242
- Primary appraisal, 102
- Primary care providers (PCPs), 275–276
- Process capital, 299
- Process model for envisioning process, 194, 195
- Productivity-based knowledge growth, 22
- Progress and Poverty*, 301
- Promotion and Network of EU Projects on Sustainable Tourism (PESTO), 190
- Pseudo-science, 366
- Psychological capital (PsyCap), 297, 300, 318–320
  - See also* Human capital (HC); Intellectual capital (IC); Social capital
- Psychological resource, 99–100
- Psychological well-being (PWB), 93, 97, 105
- Psychosocial
  - environment, 94, 105
  - functioning, 89
  - prosperity, 96–97
- Pursue ExFin*, 409
- Qualitative analysis, 114–116
- Qualitative and quantitative research techniques, 192–193
- Qualitative findings, 118–119
- Quantitative measures of innovation, 406
- RBV. *See* Resource-based view (RBV)
- Regression results, 45–49
- Relational capital, 297, 300
- Remarkable similarities, 219
- Representation, 6, 7
- Reproducible results without replicated data, 73–74
- Research funding crisis, 77
- Research methodology and field of application, 189
  - brainstorming, 198–200
  - dialogue regarding proposed visions, 199
  - formalizing network shared vision statement, 202–203
  - identification of leader, 194, 196
  - mixed methods approach, 192–193
  - process model for envisioning process, 194, 195
  - research area and subjects, 190
  - responsible development vision, 197–198
  - shared vision, 203
    - identification, 199, 201–202
  - sustainable development, 196–197
- Researchers
  - as curators, 76–77
  - requirements in networking world, 74–75
- Resource appraisal, 102

- Resource-based view (RBV), 24, 156, 295, 349
  - of firm and human capital, 156–157
- Responsible and integrated development, 197
- Responsible development, 181
  - building human capital, 188–189
  - distinguishing values, purpose, and vision for, 183–186
  - limitations and challenges, 205–207
  - participatory action research approach, 204
  - research methodology and field of application, 189–203
  - sustainable development, 179–183
  - vision, 188–189, 197–198
    - networks, social, and HC, 186–188
- Return on Asset (ROA), 352
- Return on Equity (ROE), 352
- Revolving doors, 224
- Rio Declaration on Environment and Development, 180
- ROA. *See* Return on Asset (ROA)
- ROE. *See* Return on Equity (ROE)
- Scandinavian culture, 44
- SEE. *See* South East Europe (SEE)
- Self
  - ontological experience of self, 129
  - possible selves, 103, 203
  - reflexivity of self, 125
  - self- adjustments, 103
  - self-consistency, 103, 104
  - self-construct, 105, 128
  - self-digest, 103
  - self-enhancement, 103, 104
  - self-esteem, 103, 131
  - self-identity, 115, 128
  - self-knowledge, 101–104, 118, 120
    - dynamic self-knowledge, 103–104
    - self-knowledge repertoire, 103
  - self-monitoring, 103
  - self-narrative, 105
  - self-presentation, 103
  - self-preservation, 104
  - self-realization, 127
  - self-reference, 13
  - self-reflection, 103
  - self-regulatory focus, 103
  - self-story, 128
  - self-system, 102–103
    - self-referential system, 103, 128
    - self-understanding, 104
- SEM. *See* Structural Equation Model (SEM)
- Semantic problem, 29
- Sender-context-receiver model, 29, 30
- SendGrid, 68–69
- Service-driven economies, 348
- Shannon-Weaver model, 31
- Shared vision, 203
  - identification, 199, 201–202
  - formalizing network shared vision statement, 202–203
- Shared-care accountability models, 275
  - key problems within Ontario’s healthcare structure, 278–279
  - shoulder care in Ontario, 275–278
  - TSC, 280–282
  - value-based accountable model of care, 280
- “Shitty” products, 233
- Shoulder centre’s innovative model of care, 282–290

- CCACs, 288–289
- e-referral tool, 283–284
- MOU, 287–288
- MRI utilization by TSC
  - providers, 286
- team-based model, 285, 287
- triage categories of new referrals, 285
  - TSC model of care, 282–283
- Shoulder pain, 275–276
- Sign test, 411
- Skandia Navigator Model, 353
- Small-and medium-sized
  - enterprises (SMEs), 386–388
  - observing demand for external financing for innovation activities in, 392–394
- SMART Pyramid, 353
- SMEs. *See* Small-and medium-sized enterprises (SMEs)
- Social capital, 98, 183, 187–188, 216, 236, 240, 280–281, 299, 315–318
  - building processes, 189
  - in finance, 224–228
    - See also* Human capital (HC); Intellectual capital (IC); Psychological capital (PsyCap)
- Social constructivism, 10
- Social development, bad incentive for, 228–233
- Social identity theory, 224–228
- Social Media, 73
- Social norms, 226
- Social resource, 105–106
- Social sciences, 193
- Social sustainability, 180
- Society, 347
  - organizational, 179–180
- South East Europe (SEE), 190
- Static models, overemphasis on, 309–311
- “Stepped care” approach, 287
- Strategic level-theories (S-theories), 327
- Strengths, weaknesses, opportunities, and threats (SWOT), 63
- Structural capital, 298, 313–315, 325, 326
- Structural couplings, 14
- Structural Equation Model (SEM), 112
- Subjective well-being (SWB), 93–95
- Subject–object split, 8, 11
- “Subscriber” bias, 64
- SugarCRM, 68–69
- Supervised learning approach, 66
- Support functions, 37
- SurveyMonkey, 69
- Survivor(s), 115
  - incremental group, 119–121
  - radical, 121–122
- Sustainability
  - development, 179–183, 196–197
  - oriented philosophy, 179
  - sustainability-friendly financial sector, 246
  - “sustainably oriented” organization, 179
- SWB. *See* Subjective well-being (SWB)
- SWOT. *See* Strengths, weaknesses, opportunities, and threats (SWOT)
- Symbol manipulation, 7
- Symbolists, 65
- Szulanski’s approach, 29–30
- Tableau de Bord*, 353
- Tacit knowledge, 28, 152, 157–158
- Tamper-proof data structure, 243–244
- Team-based model, 285, 287

- Teams and knowledge work
  - within firms, 158
  - development of team, 159–160
  - maximum allocative efficiency and implications, 160–162
  - networked minds as strategic capital asset, 158–159
- Technical problem, 29
- The Shoulder Centre (TSC), 280–282, 287, 289–290
- Theory of Growth of the Firm, The*, 294
- Thrive, thriving, 92
  - characteristics, conditions, and outcome of, 96
  - Flourishing Scale, 96–97
  - thrivers, 115
    - incremental quadrant, 122–124
    - radical quadrant, 124–126
  - thriving transitional experiences (TTE), 89, 92, 96
  - in transition, 91, 98, 105, 125, 129
  - in various disciplines, 95–96
  - at Work, 96–98
  - at Work Scale, 98
- Thriving transitional experiences (TTE), 89, 92, 96–97
  - behavioral resource, 106–108
  - cognitive resource
    - positive cognitive appraisal, 101–102
    - self-knowledge, 101–102, 102–104
  - emotional resource, 105
  - Eudaimonic happiness, 128–130
  - measuring positive outcome from transitions, 96–98
  - psychological resource, 99–100
  - qualitative findings, 118–119
  - research design, 109–110
  - resources at time of change, 98–99
  - sample and data collection, 110
    - data analysis, 112–114
    - qualitative analysis, 114–116
  - self-knowledge, 128
  - social resource, 105–106
  - survivor incremental group, 119–121
  - survivor radical, 121–122
  - “transition readiness” positions, 116
  - transitions, 127
- Top-down contextual influence processes, 328–329
- Top-down linkages, 320, 322
- Toyota’s production system, 34
- TQ. *See* Transformation quotient (TQ)
- Traditional firms, 36
- “Tragedy of the Horizon”, 239
- Transaction cost economics, 153
- Transformation
  - competence, 99
  - of knowledge, 32–33
- Transformation quotient (TQ), 92, 99–100, 117–118
  - leadership agility, 99
  - receptivity to change, 99, 100
  - transformation competence, 99
  - transformational experiences, 100
  - transformational growth, 100
- Transforming shoulder care with innovative networks
  - Canadian healthcare system, 274–275
  - key benefits identified with shoulder centre’s model of care, 289–290
  - key problems within Ontario’s healthcare structure, 278–279

- shoulder care in Ontario, 275–278
- shoulder centre’s innovative model of care, 282–289
- TSC, 280–282
- value-based accountable model of care, 280
- “Transition readiness” positions, 116
- TSC. *See* The Shoulder Centre (TSC)
- TTE. *See* Thriving transitional experiences (TTE)
- t*-test, 411
- Twitter, 68, 69
- UN World Commission on Environment and Development, 180
- Uncertainty, 47, 89, 93, 100, 108, 111, 120–122, 124, 154, 204, 323, 387
  - economic, 360
  - emotional response to, 105
  - environmental, 349
- United Nations Environment Program (UNEP), 179
- United Nations General Assembly, 353
- Unsupervised machine learning approach, 66
- “Upstream” services, 278
- U.S. federal funding, 62, 71–72
- Utility analysis, 311
- Valuable, rare, inimitable, and nonsubstitutable resources (VRIN resources), 295, 325
- “Valuation”, culture of, 371
- Value-based accountable model of care, 280
- Values, 69, 94, 103, 183–186, 316, 324
  - anti-social, 236
  - in countries, 190
  - embedded ethical, 247
  - numerical, 47
  - social, 227
  - for Total FY Cost, 70
- “Variance” emergence, 312–313
- Venture capital (VC), 393
- Virtualization, 78–79
- Vision, 186–187
  - for responsible development, 183–186, 188–189
- Visualizing environment, 64–65
- Wall Street Journal*, 350
- Warning signs, industry blind to, 220–223
- Watson Analytics for Social Media, 67–68
  - working with, 68–69
- Watson Discovery, 69–73
- Well-being, 89, 93, 105–106, 179–180
  - eudaimonia, 127
  - eudaimonic well being,
    - psychological well being, EWB, PWB, 93, 97, 105
    - autonomy, 93
    - competence, 93
    - feeling good about the present, 93–94
    - mastery, 93, 103
    - meaning in life, 93
    - optimal psychological functioning, 93
    - optimistic about the future, 94
    - purpose, 93
    - self-acceptance, 93
    - self-determination, 95, 98
  - subjective well being, hedonic well being, SWB, 93–95
- Wiki, 67–68
- Within-level linkages
  - meso-level static stocks,
    - dynamic flows, and, 324



- micro-level static stocks,
  - dynamic flows, and,
    - 322–323
- Working group (WG), 191
- World Wide Web, 63–64
- xlsx. *See* Excel spreadsheets (xlsx)
- Ytterøy in Norway, 36–37, 41
- “Zero MRI” clause, 287–288