

## Index

---

- abuse, 168, 213, 369  
 accountability, 361, 362, 365–7  
 achievement, 98, 102, 109, 110, 126, 130, 131, 149, 163, 167, 169, 273, 290, 319, 325  
 action, xv, 4, 21, 43, 86, 139, 174, 218, 239, 265, 306, 348  
 action-directed, 31, 121  
 action orientation, 30, 175, 296  
 action oriented processes, 104, 320  
 action systems, 266–8, 270, 271, 283  
 actor, 11, 24, 38, 54, 72, 73, 76, 77, 152, 156, 219, 236, 266, 267, 276, 277, 280–5, 287, 298–300, 312, 314, 338  
 actor-network-theory, 236  
 acts in space, 280  
 acts in time, 280  
 adaptation, 8, 24–6, 28, 30, 31, 43, 51, 66, 68, 79, 91, 97, 103, 117, 119, 123, 133, 141, 150, 154, 171, 175, 176, 186, 188, 244–5, 256, 267, 271, 279, 284n.5, 293, 295, 313–15, 317, 319–21  
 adaptive, xiv, 54, 55, 118, 121, 174, 189, 221, 230, 241, 262, 311, 313, 315  
 adaptive learning, 25  
 adjustment, 26, 30, 32, 45, 56, 71, 97, 105, 108, 109, 127, 129, 131, 154, 164, 244, 249, 305, 321, 322, 368  
 affect, xv, xvi, 7–8, 10, 21, 24, 25, 29, 36, 37, 39, 42, 64, 69, 72, 77, 83, 84, 91, 92, 94, 97, 99, 109, 111–12, 130–2, 141, 142, 153, 156, 160, 161, 165, 166, 174, 177, 179–80, 182, 186, 189, 208, 216, 245, 267–9, 300, 302, 317, 322, 349, 354, 357, 359, 366  
 affective, 24, 25, 36, 37, 39, 42, 69, 83, 94, 156, 174, 177, 179–80, 182, 186, 189, 267–9, 302  
 affective autonomy, 156, 161  
 agencies, xiii, 2, 21, 41, 83, 111, 138, 174, 205, 231, 265, 303, 333  
 agency behaviour, xv, 32, 41, 43, 83, 88, 91, 174, 178, 316  
 agency capital, 2  
 agency culture, xv, 22, 37, 49, 108, 131, 134, 149, 223, 224  
 agency identity, 29, 92  
 agency intelligence, 14, 28, 126, 187  
 agency learning, 56, 65, 74  
 agency operative system, 32, 36, 37, 40, 64, 65, 100, 134, 189, 190, 194–5, 288, 320, 350, 353  
 agency pathologies, 75–6, 84, 353  
 agency theory, xiv, xv, xvi, 14, 15, 17, 18, 21, 22, 24, 25, 31, 33, 35, 61, 66, 94–104, 114, 126, 133, 137, 139, 141, 142, 144, 149–59, 175, 177, 240, 265, 275, 286–8, 294, 295, 298, 299, 301–4, 311, 315, 331, 368  
 agency traits, xv, 31, 32, 94–104, 138–73  
 agency types, 15, 138–73  
 aggression, 79, 198  
 agnosticism, 34–5  
 alliance, xiii, 16, 17, 24, 45, 170, 205–62, 341–2  
 allocentric collectives, 158, 166, 167  
 alter ego, 274  
 ambient culture, 103, 245, 249, 250, 252, 256, 262, 282  
 analytical intelligence, 123  
 Anschlussfähigkeit, 132  
 antenarrative, 232, 236, 243  
 anticipation, xiii, xv, xvi, 15, 18, 24, 40, 67, 68, 71–2, 74, 87, 96, 97, 101, 118, 122, 142, 149, 175, 195–7, 239, 278, 290, 303, 305, 308–10, 312, 313, 315–17, 320, 321, 331, 332  
 apperception, 87, 174, 191, 197, 201, 202  
 artefact, 224, 282  
 atrophy, 257  
 attention, 107, 112, 115, 126, 134, 138, 150, 171, 193, 208, 224, 238, 282, 294, 302, 305, 328, 353, 357  
 attitudes, 6, 23, 29, 34–8, 53, 64, 65, 67, 73, 89, 90, 92–4, 101, 103, 106–9, 112, 114–16,

- 127, 129, 131, 134, 135, 139, 143, 153,  
 160, 165, 169, 179–80, 186, 190, 196,  
 200, 210, 214, 217, 219n.2, 223, 224, 231,  
 239, 244, 247, 249, 250, 283, 286, 289,  
 294, 295, 300, 311, 316, 350, 351, 354,  
 358–60
- authoritarian, 248, 250, 294, 354, 358, 369
- authority, 5, 152, 154, 157, 161, 162, 198, 209,  
 254, 258, 327, 334, 335, 340, 349, 352, 365
- autogenesis, xvi, 28, 33, 34, 37, 62, 64, 75–6,  
 82, 94, 108, 127, 128, 187, 302, 318
- autogenetesis, 183, 184, 187
- autogenetic figurative intelligence, 64, 180
- autogenetic function, 318
- autonomy, 22, 34, 43, 60, 62, 71, 97, 102, 135,  
 149, 151, 153, 156, 161, 164, 165, 174,  
 208, 241, 276, 279n.2, 292, 334, 335
- autopoiesis, xvi, 28, 31–4, 39–41, 43, 62–4, 70,  
 75, 76, 81, 82, 94, 104, 108, 127, 128,  
 132, 178, 187, 241, 271, 273, 299, 302,  
 318, 357
- autopoietic, 32, 33, 36, 62, 64, 77, 132, 177–8,  
 180, 194, 241, 271, 276, 296–9, 318, 320
- autopoietic function, 318
- autopoietic operative intelligence, 34, 62, 63,  
 75, 81, 94, 104, 177–81, 184, 241
- autopoietic systems, 33, 276, 296, 299
- behavioural intelligence, 188, 190, 318, 320,  
 350, 351
- behaviouralism, 289, 290
- behaviour, xiii, 1, 21, 41, 83, 111, 138, 174,  
 213, 241, 266, 303, 337
- behavioural style, 91
- behavioural theory, 140, 313
- being, xvi, 4, 6–8, 13, 21, 35, 39, 40, 43, 44,  
 49, 51–3, 62, 64, 67, 69, 79–86, 93, 103,  
 104, 108, 112, 114, 118–19, 123, 124,  
 132, 137–9, 143, 150, 154, 156, 157, 160,  
 162, 163, 167, 169, 174, 177, 178, 180,  
 189, 192, 196, 198, 209, 212, 213, 222,  
 225, 237, 238, 242–5, 252, 255, 256, 259,  
 267, 269, 271–3, 279, 280, 282, 285, 289,  
 290, 297, 304, 309, 310, 314–16, 319,  
 320, 327, 330, 332–6, 340, 341, 344, 348,  
 351–4, 356, 359, 361, 363, 369, 370
- belief, 2, 8, 14, 23, 27–30, 33, 37–9, 49, 50, 61,  
 64, 73, 88–95, 101, 102, 104, 106, 112,  
 113, 115, 116, 125, 126, 128–30, 137,  
 138, 140, 145, 158, 165–7, 170, 175, 188,  
 191, 198, 200–2, 212, 217, 219, 219n.2,  
 225, 231, 233, 239, 241, 243, 253, 256,  
 259, 269, 277, 286, 288, 290, 294, 295,  
 304, 311, 315, 316, 329, 338, 347, 350–2,  
 358–9, 361
- bi-polar enantiomer, 143, 149, 156
- bounded, 9, 12, 16, 71n.1, 107, 142, 151, 153,  
 156, 177, 186, 187, 193, 196, 225, 235,  
 270, 309, 311, 317, 334, 355
- bounded rationality, 21, 309, 311–13
- bureaucracy, 159, 250, 320, 328, 358, 359, 365
- bureaucratic, 99, 144, 154, 212, 257
- cacophony, 232, 243
- capabilities, 25, 34, 44–5, 47–50, 55–7, 65–6,  
 68, 74, 84, 109, 110, 114–16, 122, 125,  
 127, 130, 131, 141, 143, 188, 208,  
 214–16, 224, 230, 231, 235, 244, 250,  
 262, 287, 293, 302, 312–15, 319, 320,  
 322, 331, 346
- capacity, xiii, xiv, 9, 13, 14, 16, 17, 21–4, 27,  
 29, 32–4, 42, 43, 45, 48, 54, 56, 60, 61,  
 66–8, 72, 75, 76, 80, 84, 85, 88, 91–5, 97,  
 99, 101, 104–7, 109, 110, 113, 118, 119,  
 124, 126–31, 140, 143, 154, 168, 171,  
 176–9, 186, 189, 205, 207, 211, 214, 221,  
 224, 232, 239, 241, 246, 249, 255, 260,  
 267, 269–71, 296, 300, 305, 308, 310,  
 314–17, 319, 321, 348, 349, 351, 354–6,  
 360, 361, 364
- centrifugal, 188
- centripetal, 284
- change, xiii, 1, 24, 41, 84, 111, 139, 175, 205,  
 231, 266, 305, 334
- change process, 1, 16, 231, 252, 255, 270
- chaos, 15, 57, 61, 166, 171, 192–3, 230, 231,  
 240, 272
- child pathologies, 221
- child socialization process, 169
- Chinese, xiii, xvi, 16–18, 211, 212, 252, 256,  
 333–47, 349, 350, 352, 362, 366, 368,  
 370
- climate of fear, 248
- climate of security, 249
- closure, 145, 175, 200, 225, 241, 249, 310
- cognition, xiii–xvi, 21, 22, 34, 43, 55, 72, 83,  
 87, 95, 96, 107, 115, 138, 139, 179, 241,  
 267–8, 272, 279, 288, 289, 318
- cognitive, xiii, 10, 21, 41, 83, 112, 138, 174,  
 216, 231, 267, 304, 351
- cognitive purposes, 29, 93, 153, 216–18, 220,  
 228–30
- cognitive schemas, 36–8, 64, 65, 67, 92, 93,  
 126–7, 131, 177, 179, 186, 193, 197,  
 351
- cognitive system, xv, 28, 29, 36–8, 64–9, 73,  
 80, 90, 92, 101, 105, 108, 131, 133, 134,  
 178, 179, 181, 186, 196, 197, 351
- cognitive trait, 32, 100, 142, 147
- coherent social collectives, 83

## 436 Index

- collaboration, 119, 132, 146, 170, 171, 210, 222, 227, 247, 249, 272, 347  
 collective, xiii, 2, 22, 42, 83, 111, 138, 175, 219, 236, 272, 305, 343  
 collective agency, 14, 85, 86, 95, 110, 125, 130, 132, 138, 142, 317, 355–6  
 collective creativity, 24, 25  
 collective ‘emergent intelligence’, 113  
 collective individualism, 163, 168, 170, 171, 305, 328, 329  
 collective intelligence, 113, 132  
 collective mind, 83–6, 88, 89, 111, 128, 316  
 collective socio-pathology, 355  
 collectivism, 2–4, 15, 142, 159–72, 198–201, 303–5, 308, 317, 328, 329, 331–2, 352–3, 368, 369  
 combination, 1, 30, 76, 77, 93, 110, 131, 143, 150, 160, 267, 317, 325, 346, 355, 369  
 communication, xiv, 9, 22, 53, 88, 116, 152, 175, 207, 236, 265, 306, 360  
 competitive, 2, 15, 43–56, 58, 60, 61, 65, 72, 99, 102, 121, 141, 167, 213, 228, 232, 285, 293, 313, 337, 341  
 complexity, xv, 6, 11, 13–17, 22, 24, 31–2, 43, 53–9, 61, 62, 72, 112, 120, 166, 176, 177, 186–8, 217, 231, 236, 238, 239, 241, 247, 261, 262, 280, 292, 296, 315, 318, 319, 331, 342, 349, 353, 367  
 complexity theory, 54, 112, 238  
 configuration, 14, 25–6, 49, 67, 155, 158, 161, 167, 247–8  
 configuration approach, 13, 18, 26–31, 33  
 conscious, 34, 37–9, 74, 83, 86, 87, 103, 115, 116, 139, 147, 176  
 consciousness, 16, 17, 22, 36–40, 68, 111, 113–14, 117, 166, 174–202, 205, 218, 241, 249, 276–7, 282, 296, 297, 301, 317  
 conservative individualism, 162–3  
 constraint, 1, 43, 45, 50, 55, 67, 71, 72, 76–8, 81, 88, 93, 96, 97, 99, 116–18, 126, 134–6, 149, 153, 196, 198, 201, 224, 226, 235, 236, 241, 250, 262, 300, 304, 305, 309, 310, 319, 325, 334, 342, 343, 348, 367  
 continuity, 39, 53, 105, 128, 169, 171  
 continuous improvement, 15, 51–3  
 control, xiv, 2, 21, 45, 83, 111, 139, 177, 214, 247, 278, 316, 334  
 control system, 186, 216, 257  
 core competence, 49, 53  
 corporate, xiii, xvi, 1, 4, 14–17, 23, 24, 38, 48, 49, 51, 53, 54, 61, 76–82, 89, 103, 122, 133, 170, 171, 200, 212, 219, 221, 245, 247–52, 254–8, 298–300, 317, 341, 342, 347, 354, 358, 364, 366, 369  
 corporate knowledge, 51, 53  
 corporate social responsibility (CSR), 15, 17, 61, 76–82  
 correct economic thinking, 306  
 corruption, 4, 5, 17, 294, 333–70  
 creative, 4, 25, 53, 139, 175, 188, 193, 250, 270, 345, 362  
 creative learning, 25  
 creativity, 24, 25, 156, 161, 247  
 crime, 24, 333, 365  
 crisis, 1, 2, 4–15, 61, 171, 196, 199, 200, 210, 233–6, 239, 243, 246–50, 252, 257, 259, 261, 262, 303, 304, 306, 326–33, 345–7, 361, 362, 368, 369  
 critical realism, 237  
 critical thinking, 68  
 CUDOS, 235  
 cultural, xiii, 3, 21, 55, 83, 111, 140, 174, 205, 231, 265, 303, 335  
 cultural agency, xv, 15, 17, 21–40, 62, 66, 69, 72, 81, 83, 114, 125–8, 134, 136, 137, 151, 174, 177, 178, 180, 183, 189, 190, 195, 205, 249, 265, 288, 294, 295, 301–2, 304, 349, 358  
 cultural agency theory, 17, 22, 33, 114, 126, 137, 265, 295, 301–2, 304  
 cultural figurative intelligence, 25, 106, 129, 175, 187, 188, 224  
 cultural instability, 76, 150, 245, 250, 293, 295, 352, 353, 361, 362, 368, 369  
 cultural intelligence, 24, 25, 106, 114, 124, 129, 134, 175, 186–8, 196, 224, 245, 318, 320, 351  
 cultural intelligence by Earley and Ang, 24, 124, 129, 175, 188, 224  
 culture, xiii, 4, 22, 43, 83, 115, 150, 175, 210, 231, 266, 303, 337  
 cybernetics, xiv, xvi, 9–10, 12, 14, 17, 22, 29–34, 36, 37, 54, 55, 59, 66, 91, 92, 111, 112, 114, 115, 117, 121, 122, 129, 132, 155, 176, 178, 238, 269, 273, 275, 303, 315, 318, 321, 331, 360  
 cycle of change, 241, 242, 255, 259, 308  
 decentralization, 247, 334–6, 341, 365, 368  
 decision, xv, 14, 28, 29, 37, 63, 65, 66, 68–71, 73, 81, 83, 89, 90, 93, 94, 96, 98, 103, 108, 118, 127, 133, 135, 138, 139, 143–5, 148, 151, 153, 159, 172, 174, 176–8, 180, 190, 196, 197, 202, 207, 216, 218, 219, 223, 234, 250, 253, 257, 289–91, 293, 295, 300, 301, 303, 309, 313, 316, 325, 331, 338, 350–2, 358  
 decision making structure, 69, 81, 180, 352  
 deconstraint, 145, 148

- deeper level of consciousness, 202  
 defining agency, 185  
 defining socio-cultural agency, 177  
 demise, 4, 9, 17–18, 208, 231, 247, 250, 258, 346  
 deregulation, 2, 4, 326, 340, 343  
 deterministic, 102, 197, 240, 248, 313  
 deviation-amplifying, 99, 149  
 deviation-counteracting, 99  
 dialectic interaction, 193, 355  
 dichotomy, 143, 234, 369  
 disorganization, 242, 243, 256  
 distorting the data, 248–9  
 distorting the system, 248  
 domain, 9, 25, 28–31, 36–8, 55, 62–4, 66, 69, 70, 73–5, 77, 81–3, 90, 93, 94, 110, 115, 126, 127, 130, 138, 147, 207, 210–11, 217, 218, 220, 222–4, 230, 233, 235, 240–1, 243, 262, 276, 284, 286, 287, 317–20, 349, 353, 356, 357  
 dominant epistemology, 232–4, 246  
 dominant paradigm, 16, 88, 189, 219, 231, 234, 246, 262, 361  
 double-loop learning, 26, 27, 55, 56  
 dramatism, 158, 167  
 dramatist, 152, 155, 167, 171, 328  
 dramatizing political right, 168  
 durable collective agency, 317  
 durable personality traits, 142, 317  
 dysfunction, 23–4, 28, 85, 101, 108, 110, 111, 131, 132, 153, 225, 327, 351
- economic, 21, 48, 125, 150, 199, 206, 257, 289, 303, 333  
 economic despotism, 352  
 economic individualism, 163, 368  
 economic intelligence, 320, 322, 323  
 economic pressure, 367  
 effective, xvi, 2, 40, 44, 48, 49, 53–7, 60, 67, 68, 80, 99, 111, 119, 121, 123–6, 141, 144, 150, 152, 167, 179, 187, 188, 190, 211, 224, 228, 232, 246, 265, 285, 293, 295, 300, 304, 306, 320, 321, 343, 354, 364  
 effectiveness, 48, 58, 81, 95, 106, 121–3, 130, 132, 188, 222, 278, 320, 347, 360, 367  
 efficacy, 14, 15, 89, 91, 94, 95, 97–9, 101, 104–10, 125–32, 141, 153, 154, 179, 188, 190, 295, 314, 319, 321, 322, 325, 350, 351, 368  
 efficiency, 80, 106, 130, 132, 222, 314, 320, 342, 367  
 egalitarianism, 149, 152, 154, 155, 157, 162, 198, 199  
 ego, 37–9, 76, 86, 88, 274, 275, 283
- elaborating knowledge, 150  
 elaboration information, 68, 69, 81, 82, 182  
 embeddedness, 97, 102, 151, 153, 156, 161, 162  
 emergent causation, 176  
 emotional climate, 248, 249  
 emotional intelligence, 127, 130, 141, 319, 322  
 emotional-motivational system, 141  
 emotions, xv, 22, 34, 38–40, 69, 83, 87, 88, 94, 95, 126, 127, 130, 138, 141, 142, 147, 179, 182, 190, 199, 249, 283, 289, 299, 302, 317, 319, 322  
 empathy, 87, 88  
 enantiomers, 138, 139, 142–60, 321, 325, 329  
 enhanced definition of intelligence, 319  
 environment, 21, 41, 84, 111, 138, 174, 205, 231, 270, 313, 333  
 epistemic base, 29, 92, 120  
 epistemic mapping, 82, 160  
 espoused values, 28, 30, 108, 110, 131  
 ethical norms, 366  
 ethics, 4–7, 24, 37, 68, 69, 78, 80, 81, 89, 93, 96–100, 102, 104, 106, 107, 109, 115, 125, 128–30, 145, 147, 149, 153, 164, 178, 180, 190, 220, 222, 223, 244, 245, 257, 261, 288, 289, 294, 295, 316, 350, 351, 356, 358–62, 366, 368  
 ethics-ideology coupling, 361  
 ethnocentricity, 175, 214  
 European Union, 2, 17, 199, 200, 202, 217, 303, 326, 328, 330  
 evolution, 43, 62, 135, 180, 238, 241, 243, 244, 246, 250, 271, 273, 277, 285, 286, 341  
 evolutionary economics, 3, 313–15, 332  
 evolution-revolution, 246  
 execution information, 18, 69, 82, 181  
 executor knowledge, 73, 150, 338  
 existential domain, 28, 36, 37, 66, 69, 74, 75, 77, 81, 82, 115, 127, 217, 218, 223, 356, 357  
 expectations, xv, 1, 12, 17, 22, 60, 71, 72, 94, 101, 125, 139, 152, 157, 198, 200, 202, 216, 217, 250, 261, 267, 275–8, 307, 310, 311, 320  
 explicit knowledge, 30, 49, 53, 54, 66, 74, 94, 135  
 external environment, 21, 27, 44, 45, 59, 69, 98, 126, 139, 154, 180, 205, 218, 221, 315, 319, 321, 354  
 externalization, 26, 27, 30, 93  
 extraversion, 155  
 extreme collectivism, 199, 352  
 extreme individualism, 172, 173, 199, 352  
 extreme political positioning, 173

## 438 Index

- extrinsic, 52, 53, 61, 114, 115, 119–21, 125, 134, 189  
 extrovert, 143, 144, 245
- fatalistic, 199
- feed-back, 10, 16, 26, 30, 31, 36, 57, 71n.1, 77, 87, 94, 99, 104, 105, 111–12, 135, 137, 175, 177, 179, 181–6, 190, 194, 198, 202, 244, 250, 258, 282, 287, 291, 292, 294, 302, 314, 319, 320
- feed-forward, 26, 30, 31, 36, 175, 183, 320
- feeling, 40, 69, 85, 87, 108, 109, 111, 124, 127, 130, 131, 141, 143, 145, 147, 151, 153, 155, 156, 201, 212, 227, 244, 268, 273, 289, 295, 322
- figurative base, 29, 93, 94, 105, 106, 118, 234, 239–40
- figurative emotional intelligence, 127, 130
- figurative intelligence, 25, 28–30, 34, 64, 65, 94, 105–6, 108, 109, 118–20, 126–9, 135, 175, 178–80, 183, 186–8, 197, 202, 224, 239, 240, 249, 250, 302, 318, 351, 355
- figurative pathology, 104
- figurative schemas, 29, 36–8, 64–6, 68–71, 76, 77, 82, 93, 118, 125, 127, 131, 137, 155, 179, 186, 301, 351
- figurative system, 28, 29, 37–9, 41–3, 62, 65, 66, 68, 71, 80–2, 93, 98, 108–10, 127, 131, 135, 181, 189, 195, 197, 286, 319
- figurative trait, 147, 323, 324
- finance, 99, 252–4, 307, 325, 327, 339–44
- financial crisis, 1, 5, 196, 304, 306, 327, 329, 345
- first order cybernetics, 32, 178
- Fisher information theory, 316
- Five Factor Model, 96, 140, 232, 234
- formative traits, 31, 40, 95
- fragmentation, 9, 22, 141, 166, 232, 236
- fraud, 4, 6, 23, 250, 327, 346–7, 362
- functionalism, 272, 276, 280
- functional-structural theory, 272
- general intelligence, 113, 122, 319
- General Theory of Action, 266–8, 272, 301
- generative, 42, 102, 114, 115, 135, 136, 148, 161
- generative reformer, 159, 328
- generic, 9, 13, 16, 22, 25, 27–8, 34, 36, 37, 55, 57, 58, 61, 65, 99, 110, 111, 115, 126, 127, 132, 140, 174–81, 183, 184, 186–91, 194–6, 201, 205, 249, 270, 314, 317, 319
- global economic crisis, 326
- goal, xvi, 2, 26, 41, 86, 117, 141, 178, 216, 231, 267, 319, 352
- grand theories, 237
- Greece, 196, 199–202
- grid and group, 198
- growth, xiii, xvi, 3, 18, 61, 78, 119, 168, 171, 199–201, 206, 245–8, 250, 256, 257, 303, 307, 308, 310, 312, 315, 327, 329, 330, 336, 339–41, 343, 345–9, 363–6, 368, 370
- guanxi, 346, 369
- Guatemala, 265, 296–8
- harmony, 57, 98, 102, 111, 133, 149, 151, 153, 157, 161, 232, 269, 281, 287, 322–5, 366, 369
- herding, 111
- heterogenistic, 101, 102, 156, 157
- hierarchical, 66, 101, 102, 149, 152, 154, 157, 161, 176, 195, 209, 247, 318, 328, 354, 358
- hierarchical bureaucrat, 159, 161
- hierarchy, 13, 16, 22, 34, 66, 97, 99, 149, 152, 154–5, 157, 161–2, 174, 176, 178, 183, 186, 189, 194–5, 199, 247, 249, 318, 332, 334, 369
- higher order system, 176, 195, 297, 318
- homeostatic, 101, 102
- homogenistic, 101, 156, 157, 161
- horizon of meanings, 11, 33, 223, 235, 283, 318
- human activity system, 159, 189, 231, 239, 241, 245, 262, 310–12, 315, 331
- idealistic culture, 168
- ideational, 103, 150, 151, 155, 156, 161, 168, 245, 246, 290, 308, 317, 328, 330, 332
- ideational culture, 150, 155, 168, 245, 317, 330
- identification, 13, 60, 66, 67, 69, 82, 87, 117, 124, 140, 150, 183, 361
- identification information, 67, 82
- identity, 22, 23, 25, 29, 34, 36, 37, 57, 64, 65, 68, 71, 92, 105, 128, 155, 159, 165, 170, 171, 201, 208, 271, 272, 287
- identity loss, 256
- identity theory, 23
- ideological, 4, 5, 29, 43, 68, 69, 81, 89, 93, 98, 106, 109, 128, 129, 145, 153, 163, 222, 231, 232, 235, 245, 298, 304, 316, 356, 359, 361, 362
- ideological dogmatism, 232
- ideology, 29, 62, 65, 81, 93, 101, 112, 115, 118, 125, 145, 153, 220, 222, 231, 232, 244, 289, 300, 334, 356, 358–62, 368
- idiosyncratic knowledge, 34, 186
- ignorance, 250
- image, 29, 37, 71, 75, 77, 83, 85–8, 94, 98, 153, 161, 209, 221, 250, 257, 345, 354–7, 359, 361

- immanence, 3, 142, 246, 248  
 immanent change, 16, 84, 103, 120, 169, 170, 245, 246  
 immanent dynamics, xiv, xv, 21, 103, 246, 248, 255  
 imperative, 16, 65, 68, 69, 80, 93, 94, 97, 98, 101, 104, 107–10, 123, 127, 130, 131, 138, 153, 154, 179, 186, 189, 219, 231, 232, 235, 255, 294, 302, 322, 336, 337, 353, 363, 364  
 implementation, 57, 137, 205, 215, 224, 250, 258, 300, 305, 310, 316, 320, 361, 364  
 imposed causation, 43, 88, 97, 99, 176, 283  
 improving the system, 249  
 incommensurability, 13, 112, 113, 189, 191–3, 220, 223, 230, 232, 233  
 incompleteness theorem, 193  
 increase order, 241  
 independent, 8, 14, 42, 54, 55, 76, 77, 86, 89, 102, 111, 116, 122, 123, 144, 155, 156, 159, 161, 164, 165, 171, 224, 237, 240, 241, 252, 259, 267–9, 309, 328, 341, 358, 367  
 independent prince, 159, 161, 328  
 individual, 2, 24, 45, 83, 111, 138, 183, 214, 232, 266, 303, 343  
 individualism, 2–4, 15, 142, 159–72, 198–201, 303–5, 308, 317, 328, 329, 331, 332, 352, 353, 368, 369  
 individualist, 1, 101, 155, 158, 161, 162, 164–71, 196, 197, 200, 201, 304, 308, 328, 329, 331, 351, 369  
 individual pathologies, 84  
 inductive methodology, 245  
 inefficacy, 98, 104, 109, 130, 153, 322  
 inefficient, 250, 257, 340, 341  
 inequality, 157, 161, 365  
 inference, 48, 67, 80, 117, 195, 202, 255, 258, 311  
 information, xv, 8, 28, 48, 87, 112, 141, 177, 226, 239, 273, 309, 337  
 information migration, 10, 274  
 innovation, 22, 24, 52, 53, 56, 62, 171, 206, 229, 247, 249, 257, 325, 345  
 instability, xiv, 17, 58, 76, 150, 186, 214, 244, 245, 250, 293, 294, 332, 333, 348, 352, 353, 361, 362, 368, 369  
 institutional decline, 294  
 institutions, 1, 12, 23, 31, 159, 162–4, 170, 171, 200, 207–9, 214, 221, 225, 228, 244, 257, 265–7, 271, 287–94, 304, 305, 312, 314, 319, 326, 329, 333–5, 341–5, 347, 364, 368  
 instrumental agency, 15, 33, 36, 41–3, 48, 64, 71, 177–9, 183, 186, 194, 195, 353  
 instrumental systems, 43  
 integration, 55–8, 60, 62, 64, 65, 68, 69, 74, 82, 86, 119, 146, 161, 207, 236, 244, 259, 261, 268–70, 284 n.5, 287, 341  
 integrity, 171, 306  
 intellectual, 9, 48, 49, 122, 132, 156, 161–3, 232, 235, 306, 310  
 intellectual autonomy, 156, 161  
 intellectual imperialism, 310  
 intellectual orthodoxy, 9, 232  
 intelligence, 14, 24, 62, 92, 111, 141, 175, 224, 234, 267, 318, 351  
 intelligence at large, 188, 319  
 intelligence by Haecckel and Nolan, 120  
 intelligence in cultural agency, 125  
 intelligence limitation, 104, 109, 127  
 intelligent organization, 74, 114, 120–3, 286  
 intention, xv, xvi, 10, 21, 22, 29, 34, 69, 71, 82, 86, 91, 92, 99, 101, 106, 113, 124, 130, 150, 153, 172, 201, 220, 259, 268, 269, 274–7, 291, 310, 348, 360, 368  
 interactive, 3, 13, 17, 21, 26, 30, 31, 40, 42, 53, 101, 102, 106, 114, 121, 132, 139, 163, 179, 218, 222, 241, 287, 288, 300, 302, 318, 321, 331, 332, 357, 362, 368, xv  
 interdependence, 165, 208, 267  
 interdisciplinary, 9, 111, 291  
 interest, 2, 23, 41, 83, 111, 138, 174, 205, 231, 268, 304, 333  
 internalization, 16, 17, 26, 30, 34, 87, 93, 99, 145, 149, 174–6, 180, 183, 191–202, 249, 266, 276, 301, 319  
 intrinsic dynamics, 119, 120  
 intrinsic knowledge development, 53  
 introversion, 155  
 introvert, 143, 144, 155, 245  
 intuition, 133, 143, 146, 147, 236  
 invented meanings, 193  
 investment, 1, 2, 47, 50, 53, 199, 207, 247, 250, 254, 293, 303, 308, 322, 323, 323 n.2, 324, 326, 327, 337, 339, 340, 342, 344–8, 368  
 joint alliance, xiii, 16, 17, 24, 170, 205–30, 341, 342  
 joint ventures, 205, 207, 210, 211, 217, 221, 230, 339  
 judgement, 7, 34, 98, 125, 143, 153, 236, 244, 245, 277, 294, 351, 359–61  
 judging, 143–5, 147  
 Keynesian economics, 308  
 knowledge cybernetics, 22, 66, 315  
 knowledge more than, 9, 22, 42, 83, 112, 138, 175, 205, 265, 309, 337  
 knowledge organization, 74

## 440 Index

- language, xvi, 105, 116, 118, 125, 128, 166, 183, 207, 210, 217, 220, 224, 239, 277, 279 n.3, 280, 281, 299
- lateral, 30, 31, 64, 66, 82, 85, 94, 272, 353–4, 356–61, 368
- leadership, 60, 80, 133, 136, 226, 227, 247–50, 253, 257, 306, 328, 332, 354, 358, 367
- learning agency, 74
- learning loops, 179, 183, 187
- learning organization, 74
- learning theory, 22, 31, 89, 113, 170, 176, 179, 185, 187, 210, 225, 314
- legitimacy, 16, 27, 164, 191, 257, 359–63, 365, 368
- legitimizing environment, 27, 31
- lensing, 238
- life cycle, 16, 246–52, 255–8, 262
- lifeworld, 10–12, 14, 66, 191, 266, 269–72, 279–84, 286–8, 295
- living system, xv, xvi, 10, 12–14, 22, 26, 31–40, 43, 48, 65, 66, 71, 132, 137, 174, 175, 177, 179, 186, 188, 189, 191, 194, 195, 265, 270–3, 289, 298, 301, 302, 313, 315, 317–19, 331
- living systems theory, xv, xvi, 31–3, 265
- local agency paradigm, 191
- local worldviews, 10, 269
- loyal, 162, 250
- Lucas critique, 303, 304, 309, 310, 317, 331, 352
- macroeconomics, 1, 2, 4, 17, 304, 305, 308–16, 320–6, 331, 332
- madman, 172
- management cybernetics, 32, 33, 54, 112, 114, 178, 238
- management style, 215, 216, 257
- manifestation, 39, 65, 68, 70, 74, 76, 94, 95, 104, 106, 109, 110, 113–17, 122, 127, 129, 131, 188, 189, 197, 219, 220, 224, 293, 294, 319, 322, 331, 358
- manipulation, 5, 6, 118, 196, 239, 327, 359
- many-views, 149
- marginalized, 306, 322
- market assessment, 250
- market based view, 44–6, 57, 99
- market oriented strategy, 44
- Maruyama mindscape theory, 94–104, 160, 161
- Marxism, 290, 291, 334
- mass communication, 279
- mastery, 98, 151, 153, 157, 161, 162, 322, 323, 325
- mastery oriented, 153, 162
- maturity, 171, 247, 250, 308, 343
- meaning, 22, 43, 85, 111, 141, 176, 205, 231, 267, 303, 336
- mental, 10, 38–40, 67, 73, 83, 85, 86, 88, 89, 94, 105, 113–15, 125, 128, 134, 138, 139, 142–5, 147, 179, 189, 211, 239, 273, 277, 301, 317, 338, 355
- mental disposition, 38–40, 67, 73, 86, 115, 134, 142, 179, 317
- mental models, 40, 94, 145, 211
- mental state, 38–40, 73, 86, 147
- mercantile agency theory, 311
- merit-based system, 212
- meritocratic bureaucracy, 365
- meso-economics, 314
- message sinks, 280
- message sources, 270, 280
- message transfer, 270, 278
- meta-framework, xiv, xv, 9, 111, 112, 238
- metaphors, xiv, 23, 25, 62, 84, 119, 141, 142, 206, 210, 220, 234, 235, 355
- meta-system, 109, 127, 131
- meta-theory, 9, 13, 14, 22, 111–13, 174, 237, 238
- meta-triangulation, 238
- method, 33, 96, 103, 119, 150, 226, 233, 234, 237, 243, 248, 290, 312, 366
- methodological individualism, 162, 163, 304–5, 329
- methodological institutionalism, 162, 163, 304–5, 329
- microeconomics, 1, 4, 309, 312, 314, 320
- mind, 4, 16, 22, 27, 35, 37, 38, 40, 83–9, 91, 105, 114, 118, 128, 138, 142, 160, 193, 217, 239, 246, 262, 270, 273, 276, 277, 316, 328, 329, 332
- mindedness, 145, 147, 148, 156, 161
- mindscape, 17, 18, 94–104, 140, 141, 147, 148, 159–61, 172, 303, 304, 325–32
- mindscape theory, 17, 96, 101, 147, 148, 159, 160, 303, 304, 326, 331, 332
- mindscape types, 140, 160
- mindsets, 326, 328
- missionaries, 209
- modelling, xvi, 9, 12, 13, 16–18, 23, 26, 33, 41, 59, 64, 65, 85, 91, 96, 125, 127, 141, 145, 175–7, 187–91, 194, 209, 217, 232, 235, 265, 290, 301, 303, 308–12, 316, 318, 320, 332, 368
- modernization, 294
- monetary policy, 310
- mono-ocularity, 149
- moral crusades, 209
- moral equals, 152, 154, 157, 161
- moral judgements, 359
- moral justification, 285

- moral orientations, 220–1  
 more of the same, 242, 243, 256  
 morphing, 255–7  
 morphogenesis, 43, 62, 233, 241–3, 256  
 morphogenic, 69, 101, 102, 117, 244  
 motivation, 12, 21, 27, 64, 76, 92, 95, 105, 109,  
 126, 128, 131, 132, 137, 139, 141, 143,  
 147, 178, 182, 183, 206, 214, 230, 262,  
 317, 354  
 multiple intelligences, 15, 113, 137  
 Mundell–Fleming model, 308  
 Myers-Briggs Type Inventory (MBTI), 96,  
 104, 139, 140, 143–9, 234  
 myth, 29, 71, 72, 92, 117, 134, 285, 294, 351
- narratives, 140, 145, 152, 167, 232, 235, 236,  
 240, 243, 289, 325, 330  
 national culture, 215, 251, 255  
 national security, 161, 297  
 nonconscious, 37–40, 75–7, 86, 139, 146, 147  
 negotiation, 17, 152, 154, 157, 171, 195–202,  
 210, 221, 298  
 neoclassical economics, 310  
 neoDarwinian, 285  
 neo-institutionalism, 290  
 neurotic organizations, 85, 111  
 new institutionalism, 290, 291  
 noncompliance, 24  
 non-equilibrium conditions, 247  
 non-equilibrium systems, 312  
 non-normative, 269  
 non-rational argument, 285  
 normal, 69, 96, 101, 115, 137, 149, 156, 234,  
 239, 240, 243, 246, 250, 254–6, 262, 311,  
 318, 320, 352, 355  
 normal mode, 233, 242, 244, 245, 262  
 normal science, 233, 235–7, 239–41, 244–6,  
 262  
 normative, xvi, 2, 10, 14, 15, 24, 29, 30, 67, 69,  
 76, 77, 83–6, 88, 89, 92, 93, 99, 106, 111,  
 113, 116, 118, 129, 134, 141, 145, 147,  
 154, 155, 165, 168, 189, 191, 239, 240,  
 246, 252, 269, 282, 287, 289, 314–16,  
 355, 359, 361, 362  
 normative agency, 29, 94, 104, 106, 128  
 normative belief system, 116  
 normative epistemology, 234, 242, 245, 246  
 normative mind, 83, 85  
 normative personality, 15, 24, 25, 31, 32,  
 88–92, 94, 95, 100, 101, 103, 106–8,  
 110, 128–32, 142, 150, 155, 162, 189,  
 195, 224, 289, 303, 315–17, 320, 331,  
 352  
 normative symbolic structure, 219n.1  
 normative validity, 283
- norms, xiii, xiv, xv, 3, 4, 23–6, 37, 76, 88, 89,  
 112, 115, 124, 125, 146, 163, 169, 179,  
 196, 207, 217, 224, 235, 239, 244, 249,  
 250, 267–9, 280, 283, 284, 284n.5, 285,  
 287–9, 294, 295, 299, 316, 332, 339, 352,  
 353, 360, 361, 366, 368  
 noumenal domain, 28, 36, 37, 55, 83, 90, 127,  
 218, 220, 222, 240, 284, 286
- object, 29, 66, 68, 84, 86–8, 93, 107, 115–17,  
 134, 135, 138, 146, 150, 152, 155, 167,  
 171, 180, 193, 194, 282, 285, 286, 328,  
 354–7, 359  
 object free, 115–17, 134  
 object free intelligence, 116  
 objective, 33, 38, 48, 65, 154, 193, 208, 215,  
 216, 227, 228, 237, 265–8, 285, 299, 309,  
 311, 312, 326, 347  
 objectivism, 147  
 objectivity, 84, 102, 107, 193, 290, 354  
 object of attention, 107, 138, 150, 171, 193,  
 282, 328, 357  
 obligation, 152, 154, 157, 267, 268, 342  
 observed system, 178  
 observing system, 178  
 one-view, 11, 149  
 ontological, xv, 2, 8, 12–14, 25, 27, 28, 41, 58,  
 61, 64, 66, 75–7, 85, 92, 106, 108, 126,  
 131, 165, 171, 176, 183, 195, 222, 276,  
 277, 304, 322, 329, 353  
 ontology, 8, 12, 61–2, 85, 273  
 open, 2, 9, 35, 124, 139, 145, 227–9, 240, 250,  
 270, 276, 300, 310, 311, 318, 335–7, 339,  
 367  
 openness, 175, 214, 249, 300, 310, 335, 367  
 open system, 139, 240, 270, 311  
 operations, 2, 5, 26–8, 30, 31, 37, 51, 55,  
 57–60, 62, 63, 65, 72, 73, 79, 80, 86, 87,  
 90, 97–9, 115–17, 123, 126, 153, 154,  
 157, 161, 177, 190, 205, 222, 224, 225,  
 229, 231, 241, 270, 272–4, 276, 284, 297,  
 298, 302, 319, 333, 340, 348, 353–5,  
 358–60, 367  
 operative couple, 99, 108, 109, 127, 155,  
 158–9  
 operative emotional intelligence, 127  
 operative intelligence, 28–30, 34, 62, 63, 65,  
 75, 81, 90, 94, 97, 100, 104–6, 108, 110,  
 118, 119, 126–8, 130, 131, 135, 136, 154,  
 177–81, 183–7, 190, 194, 197, 198, 202,  
 223, 234, 239–41, 249–51, 288, 294, 302,  
 318–20, 328, 350, 351, 355  
 operative (self-producing) intelligence, 319  
 operative intention, 69–71, 76  
 operative lifeworld, 286



## 442 Index

- operative orientation, 90, 97, 100, 104, 129, 153–5, 190, 320, 350
- operative pathology, 104
- operative schemas, 37, 38, 65, 69–72, 81, 82, 90, 93, 100, 127, 131, 181, 182, 185, 350, 351
- operative system, 27–8, 30–2, 36–43, 62–6, 68–73, 75, 76, 81, 90, 93, 97, 100, 104, 108, 109, 127, 131, 134, 136, 155, 177–82, 184, 185, 189, 190, 194–5, 197, 198, 202, 218, 223, 224, 251, 271, 288, 297, 299, 301, 320, 321, 328, 349, 350, 353, 356
- operative trait, 100, 147, 148, 162
- opinion, 2, 27, 144, 183, 306, 311
- opportunity, xvi, 2, 24, 25, 44, 47, 49, 56, 57, 60, 97–9, 119, 148, 153, 214, 227, 244–5, 261, 269, 299, 312, 325, 340, 351, 360–5, 367, 368, 370
- opportunity-legitimacy coupling, 361
- optimal choice, 310
- organic system, 133, 134
- organism, 241, 247, 266, 271, 284 n.5
- organizational chaos, 231, 240
- organizational character, 141
- organizational culture, 14, 23, 26, 27, 30, 99, 125, 126, 170, 249, 320
- organizational culture theory, 125, 126
- organizational dysfunction, 327
- organizational intelligence, 119–26, 133
- organizational pathology, 23
- organizational personality, 23, 24
- organizational structure, 9, 30, 37, 43, 93, 159, 165, 170, 191, 261, 365
- organizational theory, 7, 18, 23, 24, 26, 85, 126, 232, 236
- organizational vision, 122
- organization goals, 257
- organization of action, 267
- organizations, 22, 43, 85, 111, 141, 176, 205, 231, 267, 303, 336
- organization theory, 9, 13, 23, 26, 119, 125, 176, 235, 246, 261, 262, 314
- organize, 54, 72, 147, 193, 240, 276, 319, 355
- orthodoxy, 9, 219, 232
- outdated strategies, 249, 250
- outputs, xiii, 7, 35, 49, 60, 71, 240, 257, 291, 292, 294, 309, 314, 322, 323
- overt actions, 318, 351
- overt-covert, 139
- paradigmatic death, 233, 243
- paradigmatic narrative, 232, 236
- paradigm bracketing, 238
- paradigm change, 16, 233, 306
- paradigm incommensurability, 13, 112, 113, 191, 192, 230
- paradigms, 9, 13, 16, 18, 22, 32, 33, 36, 48–55, 58, 61, 88, 105, 111, 112, 116, 122, 126, 128, 170, 172, 178, 183, 187–9, 191–3, 217, 219, 230–46, 258, 265, 306–8, 316, 329, 330, 361
- paradigm shift, 172, 183, 187, 188, 240, 245, 258, 329
- paradox, 50, 192, 193, 234, 298
- parent, 1, 7, 16, 169, 170, 208, 211, 213–17, 220–6, 228–30
- parent-child metaphor, 220
- parochial interests, 171, 172, 328
- parochialism, 330
- parsimony, 112, 238
- participative, 10, 21, 91, 135, 145, 156, 211, 234, 272, 293, 295, 348
- pathological, 71, 110, 160, 199, 202, 249, 346, 352, 358, 362, 363, 365
- pathologies, 12–14, 17, 23, 24, 29, 54, 55, 61, 71, 76, 82, 84, 89, 104, 108–10, 122, 128, 131, 132, 138, 177–9, 181, 183, 190, 191, 197, 201, 221, 301, 320, 321, 327, 351, 353–60, 362, 364, 368
- pathology, 75–7, 104, 110, 128, 172, 268, 301, 350, 354, 355, 362
- pathology type, 77, 355, 360
- paths, 56, 75, 78, 243, 248, 318, 368
- pattern, 4, 8, 11, 24, 29, 37, 39, 40, 43, 48, 62, 64, 67, 72, 82, 83, 86, 87, 91, 92, 101, 102, 105, 106, 110, 120, 128, 129, 133, 139, 140, 142, 144, 146, 152, 155, 158, 160, 161, 167, 220, 231, 232, 240, 247, 250, 262, 266, 267, 270, 272, 281, 282, 284 n.5, 288, 294, 302, 341
- patterning, 101, 152, 155, 168, 171, 329
- patternism, 158, 167
- patterns of behaviour, xiii, xiv, 15, 17, 18, 24–6, 29–31, 72, 76, 77, 89, 91, 93, 96, 99, 101, 132, 140, 143, 153, 175, 189, 223, 230, 291, 316, 317, 331, 332
- patterns of beliefs, 29, 92, 358
- patterns of knowledge, 40, 72, 105, 118, 128, 132, 133, 148, 207, 219, 240–2, 358
- patterns of meaning, 11, 281, 288
- perceived, 7, 17, 31, 39, 43, 49, 85, 88, 94, 101, 103, 110, 130–2, 140, 143, 150, 163, 171, 193, 197, 217, 228, 261, 270, 287, 295, 311, 312, 314, 326, 328, 334, 342, 370
- perception, 8, 16, 39, 87, 91, 96, 101, 105, 114, 115, 118, 128, 130, 134–6, 143, 147, 162, 163, 174, 198, 239, 258–61, 279, 305, 306, 309, 348, 355

- performance, xiv, xvi, 7, 16, 25–7, 30, 31, 44, 45, 47, 53, 55, 60, 61, 68, 77, 79, 80, 86, 91, 92, 94, 99, 104, 106, 109–11, 121, 123, 126, 129–33, 138, 142, 143, 150, 208, 209, 212, 215, 216, 221, 228, 248, 249, 252, 260, 267, 312, 314, 317, 319, 320, 322, 335, 342, 356, 366, 368
- personal intelligence, 116, 117, 134
- personality, 12, 22, 62, 83, 114, 138, 174, 224, 232, 265, 303
- personality cognitive structure, 83
- personality creation, 180
- personality differences, 138, 139
- personality evaluation, 138
- personality evolution, 62
- personality indicators, 114, 138, 140
- personality orientations, 97, 108, 131, 154, 197, 355
- personality preferences, 108, 109, 131
- personality styles, 95, 317
- personality system, 27, 35, 37, 84, 92, 150, 265, 267, 284 n.5
- personality theory, 140–2, 169, 232, 302, 317
- personality traits, 83, 89, 94, 95, 100, 103, 104, 139, 142, 144, 148–50, 317
- personality type, 91, 95, 101, 106, 107, 129, 130, 142, 143, 150–2, 172, 316, 317
- personal narratives, 140
- personal political salience, 144
- personal rewards, 257
- personal trust, 208
- perspective, 2, 21, 57, 84, 111, 144, 174, 206, 232
- perspectivism, 88
- phenomenal domain, 28, 30, 36, 37, 81, 82, 127, 217, 218, 220, 222, 224, 240
- phenomenal system, 43
- planning, 55, 57, 60, 65, 71, 96, 102, 122, 125, 133, 313
- plural agency, xiii, xiv, 15, 16, 22, 25, 37, 67, 83–6, 88, 90, 129, 174, 184, 231, 269, 270, 353–5, 359, 361, 364, 365
- plural collective actor, 87, 219, 236
- plural culture, 196, 197, 201
- plural economic system, 306
- pluralistic, 98, 112, 145, 147, 148, 151, 153, 157, 175, 238, 359
- plurality of paradigms, 193, 232, 236, 310
- plural personality, 25
- policy, 1, 55, 143, 198, 209, 234, 291, 303
- political change, 271
- political culture, 4, 150, 159, 211, 249, 289, 291, 294, 295, 328, 351–3, 358, 359, 361, 362, 368
- political cycle, 315
- political decay, 294
- political despotism, 352
- political development, 289, 293–5
- political favoritism, 212
- political ideology, 118, 359
- political individualism, 198, 200
- political left, 2, 168
- political legitimacy, 359
- political myths, 294, 351
- political operative system, 350
- political power, 148, 308, 330, 352
- political regime, 2, 168, 295, 308, 317
- political right, 2, 167, 168, 369
- political science, 18, 234, 279
- political system, 290–2, 294, 306, 335, 352, 360, 361, 367
- political views of agency, 265
- politicization, 365
- politico-economic agency, 349, 350, 353, 362
- poly-ocularity, 149
- positive emotional climate, 249
- positive-sum, 102
- post-academic science, 235, 236
- post-behaviouralism, 284 n.5
- postcolonial analyses, 236
- Post-Marxism, 291
- postmodernism, 234
- post-neoclassical, 311
- post-normal, 234, 236, 237, 239–41, 244–6, 262, 318
- post-normal science, 234, 236, 237, 239–41, 246, 262
- Postpositivism, 310
- post-sensate, 328, 332
- post-structuralist, 166
- poverty, 322, 325, 362, 365, 367, 369
- power, 3, 23, 44, 85, 111, 138, 144, 178, 208, 242, 282, 306, 334
- power trait, 97–9, 105, 106, 130, 149
- practical intelligence, 133
- practices, 1, 5–7, 14, 17, 18, 24, 78, 79, 114, 115, 122, 132, 134, 135, 169, 211–15, 221, 228, 250, 294, 303, 327, 336, 347–9, 351, 360–2, 365, 368–70
- pragmatic base, 30, 93
- pragmatics, 8, 18, 29, 30, 35, 93, 94, 105, 110, 112, 114, 119, 121, 138, 156, 161, 235, 239, 240, 243, 244, 278, 334
- precedence, 158, 166, 167, 247
- preconscious, 37–40, 86, 107, 114, 129, 142, 317
- preferences, 6, 29, 58, 93, 107–10, 127, 129, 131, 132, 138–40, 142–4, 146, 151, 153, 156, 209, 308, 310, 312, 317, 320, 349, 364

## 444 Index

- pre-living system, 33, 177  
 prescription, 327  
 primary knowledge, 52, 53  
 prince, 144, 159, 161, 328  
 principle of emergence, 318  
 principle of immanent change, 84, 103, 169  
 principles, xiv, 2, 7, 9, 10, 12, 18, 25, 33, 62, 64, 65, 67, 78 n.3, 81, 83, 84, 91, 98, 102, 103, 105, 112–14, 120, 128, 133, 140, 142, 153, 163–5, 169, 171, 172, 177, 178, 180, 189, 206, 207, 233, 235, 238, 240, 241, 245, 253, 289, 310, 312, 318, 320, 331, 334, 345, 352, 361, 366  
 proactive, 21, 91, 121  
 problem, 1, 23, 42, 85, 111, 138, 174, 208, 233, 265, 309, 336  
 procedural trust, 214  
 process intelligence, xvi, 28–30, 92, 94, 125–32, 137, 224, 239, 289, 321, 325  
 production, 47, 55, 60, 66, 72, 98, 105, 110, 115, 133, 177, 180, 241, 270, 272, 276, 309, 322–5, 339  
 products, 1, 44–6, 49, 53, 56–8, 60, 61, 78, 79, 104, 115, 132, 133, 210, 229, 257, 260, 294, 297, 313, 322–4, 343, 344, 347, 348  
 properties, xv, xvi, 2, 22, 28, 34–6, 40, 55, 62, 66, 74, 84, 86, 95, 96, 103, 105, 119, 122, 129, 143, 163, 165, 167, 174, 176, 189, 218, 230, 233, 237, 239, 267, 346, 354, 355  
 property, 25, 138, 235, 272, 274, 297, 340, 341, 344, 346, 347, 354  
 propositions, xv, 8, 9, 13, 22, 29, 34, 35, 45, 53, 65, 84, 87, 92, 107, 108, 112, 113, 131, 138–40, 189, 191–3, 217, 219 n.2, 221, 231, 235, 238, 240, 243, 278, 284, 285, 290, 301–3, 309, 310, 313, 316, 355, 364, 366  
 psychic, 12, 37–9, 177, 273, 275, 296–9, 301, 302  
 psychological, 3, 23, 37, 75, 76, 83–5, 89, 94, 99, 107, 111, 113–15, 125, 135, 137, 139–41, 165, 171, 183, 262, 273, 278, 289, 290, 295, 321, 326  
 psychological models of intelligence, 113  
 psychology, 10, 22, 23, 26, 39, 40, 67, 83–8, 115, 141, 144, 150, 165, 210, 275, 279  
 psychology of the collective, 10, 141  
 psychosis, 172, 173, 352  
 psycho-social dynamics, 138  
 psycho-social framework, 142, 316  
 public sector, 210  
 punishment, 347  
 purpose, xv, 2, 9–11, 22, 29, 32, 34, 52, 54, 60, 80, 82, 86, 92, 93, 116, 120–2, 124, 132, 147, 153, 159, 165, 175, 189, 191, 192, 197, 205, 216–22, 228–31, 240, 269, 270, 275, 280, 281, 284 n.5, 286, 297, 308, 324, 354, 356, 364, 367  
 purposeful, 11, 29, 93, 189, 205, 218–21, 230, 269, 280, 367  
 purposeful adaptable organization, 218  
 purpose of national security, 297  
 random, 101, 102, 139, 143, 240, 271, 310, 311  
 rational, 1, 3, 14, 21, 34, 35, 45, 58, 68, 69, 72, 73, 75, 80, 81, 86, 89, 111, 117, 118, 122, 138, 143, 145, 158, 160, 165, 167, 179, 217, 220, 225, 231, 234, 250, 258, 267, 273, 281, 282, 285–7, 293, 299, 300, 307, 309–13, 326, 330, 356, 358, 361  
 rational determinism, 310  
 rational expectations, 1, 307, 310, 311  
 reactions, 28, 44, 72, 90, 104, 123, 126, 127, 139, 143, 155, 174, 321  
 realism, 237  
 realist paradigms, 239  
 real world situation, 219  
 recursion, 65, 189, 191, 194, 195  
 recursively embedded systems, 318  
 re-definition, 257  
 reduction of complexity, 296  
 reference, 7, 10, 18, 33, 75, 77, 84, 107, 111–13, 117, 118, 133, 147, 164, 168, 170, 199, 205, 211, 218, 230, 260, 270, 273, 275, 276, 282, 285, 286, 288, 294, 297, 357  
 reform, 144, 159, 161, 212, 213, 305, 306, 326–8, 334, 335, 339–43, 349, 352, 367, 368  
 regime, 2, 150, 168, 198, 292, 295, 307–9, 315, 317, 367  
 regularities, 272, 290, 347  
 regulation, 10, 29, 43, 55, 57, 60, 64, 67, 68, 73, 78, 93, 97–9, 101, 111, 145, 149, 154, 228, 241, 250, 269, 284, 337, 341, 343, 344, 347, 349, 361–5, 367, 369  
 regulatory environment, 337  
 relational collectivism, 162, 163, 166  
 relational logic, 220  
 relational patterning, 155, 158, 161, 167, 168, 171, 329  
 relativism, 234, 237, 245  
 reliable, 68, 250  
 reproductive, 87, 197, 296  
 reputation, 15, 56, 74, 257  
 requisite variety, 41–3, 55, 81, 241, 284, 364  
 resource based, 43–4, 46–8, 55, 57, 61, 99, 206, 207, 225, 228, 313

- responsibility, 1, 15, 17, 60, 61, 76–82, 152, 154, 156, 157, 161, 169–71, 212, 213, 228, 300, 304, 326, 334
- responsible business, 77
- restore, 99, 326, 335
- restrictive hierarchical structures, 354, 358
- restructuring, 205, 209, 215–17, 221, 227, 229, 257, 303
- revolution, 233, 234, 236, 245, 246, 262, 271, 291, 333, 335–7
- revolutionary, 144, 159, 161, 234, 246, 290, 328
- rewards, 29, 93, 147, 215, 235, 244, 257
- rigid hierarchical decisions, 247
- risk-proneness, 248
- rivalry, 44–6
- role-obligations, 152, 154
- Sagiv-Schwartz mindsets, 326
- satisfaction, 103, 126, 134, 150, 151, 244, 319
- schema, 27, 29, 36–8, 40, 41, 55, 62, 64–72, 77, 80–2, 87, 88, 92, 93, 95, 96, 108, 109, 112, 114, 117–20, 125–9, 131, 133, 135, 137, 141, 143, 144, 155, 174, 175, 177–9, 186, 193, 196, 197, 201, 202, 217, 222, 224, 232, 235, 266, 289, 301, 351, 353, 360, 362, 368
- scientific revolutions, 234, 262
- Search of Excellence*, 60
- secondary knowledge, 52, 53
- secondary socialization, 99, 149
- second order cybernetics, xvi, 32, 33, 178
- second order generic hierarchy, 183, 194
- second order judgement, 34
- second order observation, 297
- self, xiii, 29, 35, 68, 88, 89, 94, 105, 112, 115, 116, 128, 149, 156, 171, 172, 238, 274n.1, 275, 282, 301, 316
- self-assertion, 157, 161
- self-awareness, 22, 34, 68, 114, 117, 137, 245
- self-control, 4, 24, 95
- self-create, xvi, 318
- self-defining network, 184
- self-evident, 192
- self-goals, 197, 202
- self-identity, 71, 166, 170
- self-indulged, 303
- self-interest, 21, 149, 311
- self-motivation, 141
- self-negotiation, 35
- self-observation, 272
- self-observing viewers, 224
- self-organization, 14, 22, 30, 32, 34, 35, 43, 69, 71, 72, 93, 97, 120, 141, 155, 241, 262, 286, 320
- self-organize, 21, 41, 54, 60, 62, 91, 240, 319
- self-process, 105, 117, 128, 137, 241
- self-production, 43, 64, 127, 241
- self-reference, 22, 29, 34, 71, 72, 92, 132, 150, 155, 159, 241, 272, 298
- self-referencing, 68, 80
- self-referral loop, 114
- self-reflection, 22, 32, 34, 35, 72, 300
- self-regulation, 21, 35, 57, 71n.1, 72, 98, 99, 119, 153
- self-reinforcing cycle, 50
- self-relational ethics, 98, 100, 102, 104, 106, 107, 129, 130
- self-repair, 35
- self-reproduction, 272, 320
- self-reproductive systems, 296
- self-schema, 29, 65, 81, 87, 141, 144, 147, 178, 179, 197, 202, 286, 289, 294, 352
- self-system, 21, 126
- self-verifying, 34
- semantic, xiii, xiv, 11, 12, 58, 82, 104, 108, 109, 112, 115, 126, 186, 236, 238, 249, 250, 266, 275–9, 281, 285–8, 297, 350, 353
- semantic goods, 28, 66, 67, 74, 92, 126, 127
- semantic harmony, 232
- semantic migration, 191
- semantic transposability, 67, 80
- semiosis, 279, 280
- semiotics, 17, 112, 238, 265, 278, 279, 285
- sender, 222, 279
- senior executive, 80, 221, 347
- sensate, 150, 156, 161, 168, 245, 246, 290, 308, 317, 328
- sensate culture, 155, 168, 171, 245, 246, 317, 328, 330
- sensate orientation, 101, 332
- sense, 10, 16, 35, 53, 89, 98, 103, 114, 125, 150, 165, 186, 193, 211, 219, 231, 234, 239, 245, 262, 266, 267, 271, 290, 297, 310, 316, 318, 365
- sensing, 143, 146, 147
- shared belief, 88, 89, 129, 170, 239, 316
- shared commitments, 233
- shared fate, 123
- shared meaning, 120, 220
- shared understanding, 219, 299, 300
- shared values, 170, 233
- sign, 17, 58, 268, 276–80, 326
- sign concept, 276
- simplifying, 237
- simultaneity, 119, 193
- single paradigm, 22
- situation, xv, 4, 7, 9, 11–14, 17, 25, 27, 29, 42, 53, 57, 61, 64, 65, 67–9, 71, 75, 80, 85–7,

## 446 Index

- 92, 93, 95, 98, 99, 107, 119, 122–5, 139, 140, 145, 152, 153, 155, 165, 169–72, 174–7, 188, 192, 199–202, 212, 222, 224, 227, 229, 231, 234, 235, 237, 240, 241, 245, 250, 258, 261, 262, 267, 268, 272, 281–4, 288, 289, 294, 298–300, 304, 306, 309–11, 313, 315, 317, 326–31, 333, 346, 356, 358, 360, 364
- social, 2, 21, 42, 83, 111, 138, 178, 205, 232, 265, 303, 333
- social action, 106, 130, 265–7, 272, 280, 301, 355, 361
- social and cognitive psychology, 279
- social behaviour, 14, 36, 83, 106, 111, 129, 267, 280, 287
- social coherence, 272, 322, 325, 332
- social contexts, 10, 14, 27, 37, 85, 92, 111, 124, 189, 211, 278, 279
- social environment, 6, 25, 27, 79, 84, 92, 97–9, 104, 105, 114, 124, 129, 137, 141, 144, 149, 151, 153–5, 157, 159, 166, 188, 189, 195, 232, 281, 287, 288, 318, 320, 354, 365
- social good, 78
- social harmony, 149
- social institution, 170, 271, 287
- social integration, 268–70, 287
- social intelligence, 105, 123, 124, 129, 132, 134, 188, 295
- socialist individualism, 163, 167
- socialization, 30, 50, 94, 97, 99, 149, 155, 169, 267, 270, 287, 358
- socialization theory, 266
- social knowledge, 186
- social living systems, 22, 271
- social mass, 292
- social need, 91, 130, 280
- social orientation, 95, 97, 101, 104, 149, 154, 155, 159, 320, 351
- social personality, 96, 141
- social problems, 314, 315
- social psychological models of intelligence, 113
- social psychology, 10, 22, 83–5, 150, 210
- social reformer, 161
- social responsibility, 15, 17, 76–82, 169
- social revolutionary, 159, 328
- social roles, 226, 267
- social rules, 276
- social science paradigm shift, 183
- social system, 12, 13, 16, 25, 33, 35, 105, 129, 130, 154, 163, 248, 266, 267, 271–8, 284n.5, 288, 291, 296–9, 301, 308, 312, 314, 315
- social trait, 145, 159, 162
- social world, 12, 14, 123, 164, 166, 285, 299, 301
- society, xiv, 3, 4, 12, 16, 78, 79, 102, 144, 155, 161, 162, 165, 166, 168, 171, 188, 198n.1, 199, 254, 258, 266–73, 280, 282, 284n.5, 287, 288, 291, 292, 294, 297, 303, 304, 307, 308, 314, 319, 321, 325, 328–30, 332–70
- socio-cognitive theory, 22, 26, 27, 34, 91, 94, 141, 232, 233
- socio-cultural dynamics, 4, 170, 245, 304, 308, 332
- socio-cultural environment, 244
- sociological, xvi, 10, 12, 18, 36, 96, 265–302
- sociological political theory, 265
- sociology, 26, 279, 284n.5, 290, 291, 314
- sociopathic, 98, 154, 172, 326, 327, 354, 355, 358, 362
- socio-pathology, 355
- socio-political, 16, 18, 24, 25, 43, 196, 226, 249, 304, 317, 331, 352
- socio-psychological, 302, 314
- solidarity, 151, 153, 156, 161, 267, 287
- speech-acts, 280, 286, 301
- stability, xiii, xiv, 1, 42, 53, 55, 80, 142, 175, 179, 186, 196, 202, 245, 246, 249, 252, 255–7, 267, 291, 293–5, 298, 317, 328, 343, 346, 348, 352, 353
- stable patterns, 91, 96, 101, 102, 143, 144, 267, 291
- stable periods, 168
- stages of evolution, 246
- state bureaucracy, 250
- statements, 14, 78, 176, 279, 282, 299, 304, 329, 346
- state of traits, 103, 140
- static intelligence, 119
- stimulation, 135, 171, 205, 304, 327, 329, 330
- story, 221, 232, 233, 235, 236, 243, 259, 262, 326, 332, 359
- strategic, xiv, xv, 3, 4, 7, 13, 15, 17, 18, 29, 34–6, 41, 43–51, 54, 55, 57–9, 61, 62, 64–9, 74, 76, 79–81, 92, 93, 99, 109, 110, 114, 121, 122, 126, 128, 133, 175, 178, 179, 188, 196, 197, 202, 205, 207, 208, 212, 213, 218, 220–2, 224, 228, 230, 260, 270, 272, 281, 289, 294, 295, 300, 308, 313–15, 319, 321, 326, 331, 332, 351, 353, 354, 356, 368
- strategic agency, xv, 15, 17, 35, 36, 41–82, 126, 134, 137, 174, 195, 218, 349, 351, 360
- strategic agency operative intelligence, 130
- strategic cognitive system, 68, 351

- strategic economic agency, 151–2, 159, 162, 303, 315, 319
- strategic figurative system, 319
- strategic gap, 51
- strategic groups, 111
- strategic interests, 208
- strategic knowledge, 51
- strategic knowledge intensifying organization, 74
- strategic model of intervention, 218
- strategic motivations, 230, 354
- strategic part, 29, 93
- strategic schemas, 40, 128, 217, 222, 224, 351, 368
- strategic system, 37, 41, 71, 271, 349, 353
- strategic vision, 74, 123
- strategy, 12, 13, 15, 26, 29–31, 43–5, 47–51, 55–7, 65, 68, 69, 77–81, 93, 97, 122, 124, 132–7, 197, 201, 212, 215, 236, 238, 250, 253, 255, 259, 296, 308, 310, 314, 325, 326, 335, 368
- strong anticipation, 278, 313, 315–17, 320
- strong hierarchy, 97
- structural, xv, 6, 8, 12, 14, 27, 28, 30, 33, 45, 55, 56, 60, 64, 65, 71, 72, 74, 76, 93, 108, 114, 131, 148, 164, 209, 213, 244, 270, 287, 305, 343, 349, 352, 358, 369
- structural coupling, 12, 64, 94, 188, 222, 224, 273–5, 278, 297, 318, 320, 356, 358
- structural criticality, 243
- structural expectation, 278
- structure, 2, 24, 41, 83, 111, 140, 174, 208, 235, 267, 312, 335
- structuring, 51, 69, 80, 88, 120, 267
- sub-agent, xiv, 25, 86, 99, 154, 174, 196, 197, 269, 349
- subconscious, 37–40, 75–7
- subjectification, 355
- subjectification-objectification, 147
- subjectifying, 145, 147
- subjectify the object, 355
- subjective, 7, 11, 39, 79, 94, 102, 145, 147, 193, 237, 265, 268, 269, 277, 278, 281, 283, 285, 287, 309, 355
- subjective association, 355
- subjective assumptions, 266
- subjective feeling, 87
- subjective knowledge, 193, 355
- subjective world, 285
- subjectivist epistemology, 275
- subjectivity, 40, 87, 88, 193, 279, 359
- subjects, 16, 57, 84, 87, 95, 104, 107, 118, 120, 146, 147, 166, 169, 186, 191, 193, 194, 227, 235, 240, 255, 262, 266, 280, 281, 284, 290, 294, 295, 301, 321, 335, 341, 344, 349, 351, 354, 355, 357, 359, 364, 368
- subnational, 334
- sub-prime meltdown, 326
- substitutes, 44, 45, 86, 155
- sub-structure, xv, 22, 34, 40, 143, 144, 174, 176–90, 290, 301
- sub-system, 12, 25, 37, 55, 139, 273, 277, 284, 284n.5, 297, 318
- success of yesterday, 61
- summarize, 14, 67, 68, 101, 108, 139, 147, 150, 155, 215, 257, 274, 296, 348, 366
- super, 144
- superstructure, xv, 22, 34, 39, 40, 104, 144, 174, 176, 177, 188–91, 301, 349
- supervision, 343, 365
- suppliers, 44, 45, 79, 222
- support, xiv, 2, 3, 5, 9, 18, 41, 43, 45, 55, 78n.3, 89, 105, 107, 112, 116, 128, 132, 133, 140, 164, 168, 170, 187–9, 193, 199, 200, 207–9, 214, 215, 217, 222, 226–9, 233–5, 237, 247, 253, 254, 278, 291, 292, 294–6, 300, 307, 324, 327, 333, 335, 341, 343, 344, 347, 348, 352, 358, 359, 362, 364, 367, 368
- suprametasytem, 207, 219, 220, 223, 230
- suprasystem, 11, 121, 123, 207, 218–20, 230, 281
- survival, xiv, 30, 42, 93, 221, 257, 328, 330
- sustainable, 43, 45, 47–53, 56, 77, 78, 121, 168, 210, 303, 325
- swings, 248
- symbolic behaviour, 155
- symbolic form, 277
- symmetry, 152, 158, 167
- synergy, 23, 33, 57, 62, 307
- syntactic level of analysis, 277
- syntax, 276, 278
- system, 1, 21, 41, 84, 111, 139, 174, 206, 231, 265, 306, 333
- system hierarchy, 176
- systemic emergence, 163
- systemic hierarchy, 195, 249, 318
- systemic structural coupling, 222, 224
- systemic structures, 10, 111
- system integration, 269
- system of activity, 266
- system of truths, 192
- systems of administration, 359
- systems of communication, 272, 297
- systems-theoretical concepts, 266, 270
- tacit knowledge, 11, 49–54, 134, 211, 355
- tactics, 196–8, 202, 297, 366
- task environment, 27, 99, 138, 319, 321

## 448 Index

- tax, 154, 199–201, 250, 310, 322–5, 323n.2, 337, 367
- taxation, 154, 200, 250, 340, 367, 370
- technical intelligence, 123
- technical interest, 129, 130
- technical interest power, 97–100, 102, 104–7, 130
- technology, 4, 22, 54, 56, 57, 206, 207, 211, 213, 222, 229, 259, 307–10, 313, 315, 335, 337, 366
- temperament, 138, 141, 142, 144, 145, 147, 148, 267, 289
- temperament theory, 139–41
- tension increase, 243
- tensions, 164, 188, 193, 243, 256, 258, 259, 266, 307, 308
- terrorism, 365
- theatre metaphor, 84, 355
- thematic reality, 235
- theories of instability, 294
- theorists, 12, 23, 24, 54, 138–40, 239, 276
- theory cleavage, 266, 268, 269, 301
- theory construction, 9, 236, 266, 268
- theory of attention, 112, 238
- theory of cognitive development, 315
- theory of communicative action, 12, 280, 281, 284
- theory of individual differences, 94
- theory of knowledge and communication, 315
- theory of learning, 33, 113, 277
- theory of meaning, 9, 111, 112, 238, 276
- theory of normative personality, 91, 315
- theory of pathology, 268
- theory of personality assessment, 140, 233, 234
- theory of ‘possible selves’, 105, 128
- theory of psychological types, 321
- thinking, 35, 36, 54, 68, 83, 84, 95, 109, 117, 119, 122, 131, 132, 141, 143, 145, 147, 179, 220, 234, 244, 255, 273, 284n.5, 306, 308, 319, 330, 359
- third order generic agency model, 189
- third order generic hierarchy, 183
- time, xiv, 1, 32, 50, 56, 57, 60, 67, 103, 120, 122, 169, 186, 188, 200, 208, 216, 220, 229, 240, 252, 253, 258, 272, 277, 279, 280, 283, 292, 296, 306–9, 314, 318, 319, 327, 334, 353, 360, 365–7
- totalitarian, 237
- traditional, xiv, 3, 9, 15, 43, 44, 54, 78, 138, 151, 153, 156, 161, 176, 236, 255, 284n.5, 289, 294, 343, 344
- trait, 15, 24, 83, 128, 139, 189, 232, 316, 351
- trait based agency, 303, 331
- trait theory, 91, 94–104, 141, 160, 317, 321
- transaction, 7, 45, 58, 98, 126, 149, 206, 339, 347, 348, 363
- transactional, 98, 99, 102, 130, 146, 147, 149, 156, 166, 167, 176, 347
- transactional collectivism, 166, 168
- transactional dramatism, 167, 168, 171, 328
- transactional individualism, 162, 163, 166
- transactionalism, 166, 167
- transformation, 56, 65, 67, 87, 98, 99, 105, 115, 118, 128, 149, 180, 194, 197, 202, 206, 208, 233–6, 239, 240, 242–6, 257, 262, 280, 318, 330, 337, 363
- transformational, 102, 118, 146, 230, 235, 239, 242, 365
- transformational personality, 147
- transformational science, 235
- transformation scripts, 99, 149
- transformative, 234, 237, 239
- transitive, 30, 66, 82, 85, 94, 176, 178, 179, 237, 288, 301, 351, 353–8, 360, 368
- transparency, 160, 212, 250, 300, 347, 367, 369, 370
- Transparency International, 365, 370
- transposable, 114, 115, 134, 135
- traps of dependence, 210
- traps of local convenience, 210
- trials, 240, 314
- tribulations, 240
- trifurcation, 243, 255, 258
- tripartite partnership, 252
- triple generic learning-loop, 183
- triple-loop learning, 183, 184
- trust, 3, 29, 52, 53, 60, 92, 132, 134, 208, 214–16, 221, 227, 249, 274n.1, 296, 306, 339, 341, 344, 346–8
- truth, 29, 38, 92, 102, 138, 192, 193, 231, 233, 235, 246, 283, 285, 299, 300
- type preferences, 317
- unaccountability, 365
- unanticipated, 42, 221
- uncertainty, xiv, 10, 18, 21, 68, 82, 175, 197, 232, 234, 236, 237, 240, 241, 243, 245, 250, 262, 311, 317
- unconsciousness, 38, 86
- undecidability, 174–7, 179, 183, 186, 187, 194
- underlying assumptions, 29, 30, 92
- understanding, xiii, xiv, xvi, 7, 10, 11, 18, 34, 35, 44, 49, 61, 65, 67, 68, 72, 74, 87, 88, 106–8, 116, 119, 120, 123, 124, 130, 131, 134, 138, 141, 157, 161, 172, 174, 179, 180, 205, 206, 208, 210, 219, 220, 223, 225, 227, 232, 235–9, 266, 267, 270, 271, 274, 275, 277, 278, 279n.3, 280–3, 286,

- 287, 296, 297, 299, 300, 302, 303, 305,  
 319, 320, 331, 343, 349–66  
 unequal distribution of power, 152, 154, 157  
 unity, 157, 161, 236, 318, 353  
 universalism, 235  
 unstable, xiii, 4, 11, 168, 225, 236, 245, 246,  
 248, 250, 270, 353  
 utility maximization, 309  
 utterance, 11, 274, 275, 277, 283
- value creating, 48, 65, 196, 197, 201  
 value maximization, 366  
 value minimization, 366  
 values, xiii, xiv, 3, 6, 12, 23, 29, 30, 33, 37, 39,  
 57, 64, 78n.3, 89, 91–4, 96–9, 101, 102,  
 106, 108, 112, 113, 115, 116, 124, 125,  
 127, 129, 131, 132, 139, 140, 142–54,  
 156, 157, 160, 161, 163–5, 170–2, 175,  
 183, 188, 189, 192, 196, 197, 201, 215,  
 217, 219n.2, 225, 233, 234, 236, 239, 244,  
 245, 249, 250, 254, 255, 262, 267–9,  
 283–8, 290, 294, 300, 316, 317, 320, 321,  
 352, 353, 359–61, 368  
 values in dispute, 234  
 value universe, 162  
 variations of economic policy, 321  
 variety, 10, 14, 26, 41–3, 54, 55, 58, 61, 64, 68,  
 75, 80, 81, 110, 113–15, 125, 137, 226,  
 231, 237, 241, 247, 248, 250, 255, 262,  
 277, 284, 289, 301, 315, 316, 333, 343,  
 344, 364  
 viability, xv, 22, 32–5, 42, 43, 54, 60, 61, 71,  
 77, 80, 111, 121, 123, 145, 174, 175, 189,  
 194, 231, 234, 249, 262, 269, 272, 284,  
 337, 348, 360, 364, 365  
 viable, xiii, xiv, 42, 55, 60, 62, 133, 189,  
 213–17, 224, 240, 288, 318, 342, 358  
 viable human activity system, 239, 241, 262  
 viable living system, 31–40, 65, 194  
 viable paradigms, 240–2  
 viable system, 32, 33, 35, 36, 42, 54–9, 61,  
 71n.2, 178, 189, 226, 229, 230, 235,  
 241  
 viable systems theory (VST), 55, 217,  
 230  
 virtual, 36, 117, 135, 199, 282, 287, 356  
 virtual construction, 220, 223  
 virtual paradigm, 188, 217, 219, 236, 237  
 virtual suprametasytem, 219  
 voluntary-involuntary, 139  
 VST. *See* viable systems theory (VST)  
 vulnerability, 109, 257  
 Vygotsky School, 113, 180, 186
- wage, 60, 250, 307, 322–5  
 wants, 80, 107, 129, 162, 201, 244, 283, 325,  
 331, 346, 352, 355  
 weak anticipation, 313  
 weak institutions, 364  
*Weltanschauung*, 217  
 Western economic crisis, 171, 199, 333, 346  
 will to power, 97  
 will to serve, 97, 99  
 win-lose, 196, 201  
 win-win, 196, 201  
 withdrawal-and-return, 198  
 worldview, 10, 11, 52–3, 117, 134, 217–20,  
 222–5, 230, 269, 270, 275, 281, 283,  
 286, 337, 338  
 wrong images of the future, 250
- Yin Yang bipolar activity, 103  
 zero-sum, 102, 196