

Cambridge University Press

978-0-521-37258-9 - The Meaning of General Theoretical Sociology: Tradition and Formalization

Thomas J. Fararo

Index

[More information](#)

Index of names

- Abell, Peter, 144, 360n.7
 Abraham, Ralph H., 65
 Alexander, Jeffrey, 13, 27, 36, 146, 158–9,
 168–9, 175, 219, 251
 Allee, W. C., 328
 Allison, Paul D., 292
 Anderson, Bo, 327, 359n.39
 Anderson, John R., 357n.18
 Arrow, Kenneth J., 72
 Ashby, W. Ross, 356n.9, 361n.11
 Atkinson, Richard C., 17, 225, 354n.16,
 358n.31
 Axelrod, Robert, 28, 158, 241–2, 249
 Axten, Nick, 201, 205, 214
 Babloyantz, Agnessa, 86
 Bales, Robert F., 179, 353n.8, 361n.13
 Barchas, Patricia R., 334
 Bartholomew, David J., 260
 Bates, Frederick L., 112, 212, 215, 274,
 354n.18, 357n.19, 359n.40
 Baum, Rainer, 356n.14
 Bellah, Robert, 51
 Bellman, Richard, 149
 Benton, Ted, 41
 Berger, Joseph, 13, 29, 147, 148, 192, 323,
 326, 336, 361nn.11, 13
 Berger, Peter, 5, 13, 199, 210, 346
 Berkowitz, Stephen D., 259, 359n.1
 Bernard, H. Russell, 313
 Bershady, Harold J., 175
 Blau, Peter M., 1, 13, 22–3, 30–1, 142, 182,
 188, 221, 259, 272, 283, 284, 286–7,
 289–92, 295, 299, 300, 301, 305, 309,
 310, 340, 349, 350n.2
 Blum, Terry C., 309
 Blumer, Herbert, 5, 198, 199, 205, 208, 346
 Boden, Margaret, 202
 Bonacich, Philip, 141
 Boorman, Scott A., 143, 260
 Bott, Elizabeth, 260, 282
 Boudon, Raymond, 144, 241, 253, 351n.17,
 352n.24, 355n.31, 358n.26, 359n.37
 Boulding, Kenneth, 66, 67
 Boyd, John P., 260
 Breiger, Ronald L., 143, 260, 354n.18
 Buckley, Walter, 52, 69, 132
 Bunge, Mario, 29, 57
 Burt, Ronald, 111, 260, 278, 355n.30
 Bush, Robert R., 225, 229, 232, 234, 358n.31,
 359n.35
 Carley, Kathleen, 357n.25
 Carnap, Rudolph, 17, 350n.3, 352n.21
 Cartwright, Dorwin, 32, 260, 279, 280
 Chase, Ivan D., 328–30, 333, 334, 355n.32
 Chomsky, Noam, 201
 Churchland, Paul M., 54, 352n.23
 Cicourel, Aaron V., 199
 Cobb, Loren, 81
 Cohen, Bernard P., 192, 196, 361n.11
 Coleman, James S., 5, 13, 15, 20, 135, 158,
 188, 221, 251, 253, 254, 260, 265, 275,
 346
 Collins, Randall, 11, 12, 13, 41, 51, 52, 63,
 64, 91, 188, 206, 211, 219, 235, 237,
 252, 253, 258, 303, 350nn.1, 2, 351n.15,
 352n.1, 359n.42
 Cook, Karen S., 358n.28
 Cooley, Charles, 100, 192
 Coser, Lewis, 295
 D'Abro, A., 134
 Dahrendorf, Ralf, 111
 Davis, James A., 33, 260, 280–2
 De Waal, Frans, 328
 Dewey, John, 25, 55
 Dodd, Stuart, 264
 Doreian, Patrick, 110, 141, 191, 353n.10,
 354n.18
 Duncan, Otis Dudley, 64, 197

- Durkheim, Emile, 13, 41, 51, 53, 59, 62, 63, 95, 100, 101, 104, 106, 113, 116, 127, 135, 136, 151, 156, 160, 166, 187, 188, 192, 197, 218, 219, 221, 223, 284, 286, 319, 345, 357n.21, *see also* Durkheimian depth sociology *in Index of Subjects*
- Elster, Jon, 220
- Emerson, Richard, 5, 6, 15, 188, 219, 221, 223, 225, 236–7, 251, 346, 358nn.28, 31
- Engels, Friedrich, 114
- England, J. Lynn, 359n.35
- Erickson, Bonnie H., 360n.4
- Estes, William K., 225, 354n.16, 358n.31
- Etzioni, Amitai, 183
- Faia, Michael A., 138
- Fararo, Thomas J., 17, 18, 22, 25, 30, 42, 45, 46, 49, 53, 63, 80, 110, 127, 129, 131, 135, 138, 147, 191, 201, 205, 214, 216, 221, 267, 269, 277, 289, 292, 293, 296, 298, 299, 301, 302, 307, 312, 317, 323, 328, 332, 333, 335, 350n.3, 351nn.5, 17, 18, 352nn.3, 24, 354nn.16, 18, 357nn.22, 25, 358n.31, 359nn.37, 40, 41, 360nn.3, 6, 361nn.10, 11, 15
- Feld, Scott, 300, 301
- Fienberg, Stephen E., 283
- Finer, S. E., 91, 93, 353n.12
- Fisek, M. Hamit, 326, 336, 361n.14
- Foster, Caxton C., 268, 269
- Freeman, Linton C., 141, 260, 278
- Freese, Lee, 14
- Freud, Sigmund, 166
- Friedkin, Noah, 308
- Galanter, Eugene, 162, 163, 203, 357n.17
- Galtung, Johan, 295
- Garfinkel, Harold, 5, 12, 52, 94, 199, 204, 208, 210, 211, 213, 337, 346, 357n.21
- Giddens, Anthony, 5, 13, 63, 64, 128, 199–200, 205, 206, 210, 212, 213, 275, 276, 346, 349, 352n.1, 355n.26
- Giere, Richard N., 54
- Gleick, James, 353n.11
- Goffman, Erving, 40, 41, 94, 102, 104, 217, 357n.21
- Goodman, Leo A., 296
- Granovetter, Mark, 6, 133, 253, 260, 273, 275, 276, 283, 306, 308, 327, 359n.1
- Habermas, Jürgen, 15, 53
- Hacking, Ian, 56
- Hahn, F. H., 72
- Hannan, Michael T., 353n.10
- Hanneman, Robert A., 95
- Harary, Frank, 32, 260, 279, 280
- Harré, Rom, 40, 41, 54, 144, 256
- Harvey, Clyde C., 112, 212, 215, 274, 354n.18, 357n.19, 359n.40
- Hayes, Adrian C., 351n.9, 355n.1
- Heckathorn, Douglas D., 179, 355n.24
- Hegel, Georg Wilhelm Friedrich, 52
- Heider, Fritz, 31, 33, 278–9, 281
- Heise, David, x, 166–7, 178, 357n.25
- Hempel, Karl, 17, 37, 350n.3
- Henderson, Lawrence, 63, 91, 355n.25
- Hill, R., 248
- Hirsch, Morris W., 65, 80
- Hogarth, Robin M., 223
- Holland, Paul W., 282, 283, 355n.32
- Homans, George C., 4, 5, 6, 11, 12, 13, 18, 22–4, 30, 41, 51, 52, 62, 63, 64, 67, 68, 69, 82, 85, 86, 91, 96–102, 105–6, 113–16, 119, 120–33, 138, 140–4, 147, 151, 152, 156, 158, 161, 182, 185, 188, 196, 219, 221, 223–5, 230, 231, 233, 234, 236, 238–40, 249, 251, 252, 258, 272, 280, 338, 339, 345, 346, 350n.2, 353n.15, 354n.16, 17, 19, 358nn.27, 31–3, 359n.34, 39
- Hooker, Clifford A., 54, 352n.23
- Horvath, William J., 266
- Hummon, Norman P., 353n.10
- Husserl, Edmund, 337, 361n.16
- Jaeckel, Martin, 275
- Jasso, Guillermina, 167, 303–4
- Kaplan, Abraham, 25, 88
- Katz, Elihu, 260
- Katzner, Donald W., 64
- Keat, Russell, 41, 351n.13
- Kelley, Harold H., 249
- Kemeny, John G., 73, 74, 77
- Killworth, Peter D., 314
- Kleinbach, Russell L., 52
- Kochen, Manfred, 270, 314
- Kosaka, Kenji, 359n.37
- Kruskal, W. H., 296
- Kuhn, Alfred, 67, 68, 69, 163, 164
- Kuhn, Thomas S., 54, 350n.3
- Lane, Michael, 256
- Laszlo, Ervin, 52
- Laudan, Larry, 10–12, 47, 54, 352n.22
- Laumann, Edward O., 278, 355n.28
- Lave, Charles A., 225, 266, 359n.35
- Leinhardt, Samuel, 259, 282, 283, 355n.32
- Lenski, Gerhard, 197, 303

Index of names

377

- Lenski, Jean, 197, 303
 Leplin, Jarrett, 54
 Levine, Donald N., 284
 Levi-Strauss, Claude, 91, 196, 256, 279–80,
 360n.1
 Lidz, Charles W., 356n.8
 Lidz, Victor Meyer, 356n.8
 Lindenberg, Siegwart, 253
 Lockwood, David, 113
 Lorrain, François, 143, 260
 Lucas, George R., 52
 Luce, R. Duncan, 358n.31
 Luckmann, Thomas, 5, 199, 210, 346
 Luhmann, Niklas, 174
 Lukes, Steven, 146
 McClelland, James L., 319, 357n.20
 McClintock, Barbara, 39
 McPhail, Clark, 356n.4
 Malinowski, Bronislaw, 101
 Mann, Leon, 98
 March, James G., 225, 266, 358n.29, 359n.35
 Margenau, Henry, 335, 361n.11
 Margolis, Howard, 253
 Markovsky, Barry, 359n.42
 Marsden, Peter V., 278, 355n.28
 Marx, Karl, 11, 13, 40, 52, 79, 88, 111, 114,
 115, 116, 192, 193, 219, 345, 355n.29
 Mayer, Thomas, 282
 Mayhew, Bruce H., 360nn.2, 4
 Mayo, Elton, 101
 Mead, George Herbert, 5, 13, 47, 51, 53, 59,
 166, 197, 198, 199, 205, 210, 219, 346
 Mehan, Hugh, 199
 Menzel, Herbert, 260
 Merton, Robert K., 148, 260, 350n.2
 Meyer, John, 213
 Meyer, M. M., 283
 Milgram, Stanley, 314, 315, 317
 Miller, George A., 162, 163, 203, 357n.17
 Miller, James G., 52, 66, 67, 69, 164
 Mintz, Beth, 260
 Morgenstern, Oscar, 27
 Mosteller, Frederick, 225, 229, 232, 234,
 358n.31, 359nn.35, 38
 Münch, Richard, 191
 Nadel, S. F., 143
 Nehnevajsa, Jiri, 264
 Newcomb, Theodore M., 31, 33, 34, 39, 145,
 260, 279, 280, 282
 Newell, Alan, 40, 162, 203, 205, 206, 211,
 357n.20
 Nilsson, Nils J., 357n.18
 Norman, Robert Z., 260, 326, 336, 360n.7
 Nosanchuk, T. A., 360n.4
 Nowakowska, Maria, 201
 Ollman, Bertell, 115, 355n.29
 Olsen, Marvin, 52
 Orwant, Carol J., 268, 269
 Pareto, Vilfredo, 11, 12, 13, 62, 63, 91–7,
 115, 116, 119, 120, 151, 156, 160, 197,
 258, 304, 345, 350n.2, 353n.12, 354n.18,
 355n.25
 Parsons, Talcott, 1, 5, 12, 13, 41, 51, 63, 64,
 66–9, 84, 94, 98, 101, 104, 117, 125,
 147, 154, 159–61, 162, 166, 167, 169,
 172, 175, 176, 179, 180, 182, 185–8,
 191, 193–4, 196, 197, 200, 211, 214–15,
 216, 219, 223, 234, 249, 250, 251, 252,
 272, 273, 278, 286, 287, 304, 326, 337,
 346, 350n.2, 351n.6, 353nn.8, 13,
 354nn.17, 19, 355n.25, 356nn.8, 10, 11,
 359n.34, 361n.13
 Pattison, Philippa E., 260
 Patton, Travis, 359n.42
 Peterson, Richard A., 356n.15
 Piaget, Jean, 202
 Pool, Ithiel de Sola, 270, 314
 Popper, Karl, 253
 Powers, Charles H., 95
 Powers, William T., 49, 163, 164, 170, 176,
 355n.3, 356nn.3, 7
 Pribram, Karl H., 162–3, 203, 357n.17
 Radcliffe-Brown, Alfred R., 91, 101
 Rainboth, E. D., 264
 Ramirez, Francisco, 213
 Rapoport, Anatol, 65, 221, 222, 249, 260,
 264, 265, 266, 268, 269, 319, 359n.37
 Rawls, John, 15, 20, 222
 Reder, Melvin W., 223
 Ritzer, George, 359n.42
 Roberts, Fred S., 360n.7
 Robertson, Roland, 356n.15
 Roemer, John, 92
 Rumelhart, David E., 319, 357n.20
 Samuelson, Paul, 78, 87
 Schelling, Thomas, 253, 254, 352n.4, 355n.31
 Schnore, Leo F., 197
 Schutz, Alfred, 5, 12, 13, 52, 197, 198, 199,
 210, 337, 346, 353n.15, 361n.16
 Schwartz, Joseph E., 289–92, 295, 301, 309
 Schwartz, Michael, 260
 Secord, Paul, 40, 144
 Shaw, Christopher D., 65
 Shils, Edward A., 179, 234, 353n.8

Cambridge University Press

978-0-521-37258-9 - The Meaning of General Theoretical Sociology: Tradition and Formalization

Thomas J. Fararo

Index

[More information](#)

378

Index of names

- Simmel, Georg, 13, 47, 49, 59, 284, 295, 305
 Simon, Herbert, 11, 13, 40, 62, 69, 91, 120–
 33, 138, 140–4, 151, 152, 161, 162, 185,
 203, 205, 206, 211, 258, 345, 357n.20,
 358n.29
 Skinner, B. F., 30
 Skvoretz, John, 201, 216, 269, 277, 283, 289,
 290, 292, 293, 296, 298, 299, 301, 302,
 307, 312, 317, 323, 328, 332, 333,
 357nn.22, 25, 359n.40, 360nn.5, 6,
 361nn.10, 15
 Smale, Stephen, 65, 80
 Smelser, Neil J., 273, 359n.34
 Smith-Lovin, Lynn, 357n.25
 Snell, J. Laurie, 73, 74, 77, 192, 361n.11
 Soong, Roland, 133
 Spencer, Herbert, 223, 353n.13
 Spradley, James P., 357n.17
 Sternberg, Saul, 225
 Stewart, H. B., 65, 80, 129, 353n.8
 Stinchcombe, Arthur, 138, 171, 197, 305
 Sunshine, Morris, 267, 269
 Suppe, Frederick, 17, 350n.4
 Suppes, Patrick, 17, 54, 252, 350n.3
 Tarski, Alfred, 17
 Thibaut, John W., 249
 Thom, René, 129, 138
 Thomas, George, 213
 Thompson, J. M. T., 65, 80, 129, 353n.8
 Toulmin, Stephen, 25, 26, 27, 55, 350n.3
 Travers, Jeffrey, 314, 317
 Tuma, Nancy Brandon, 353n.10
 Turner, Jonathan, 302, 361n.16
 Turner, Stephen P., 351n.12
 Urry, John, 41, 351n.13
 van Fraasen, Bas, 352n.23, 361n.11
 van Parijs, Philip, 138
 von Neumann, John, 27
 Wagner, David, 29, 147, 148, 323, 333, 336
 Waller, W. W., 248
 Warner, W. Lloyd, 41, 101
 Wasserman, Stanley, 283
 Weber, Max, 11, 12, 14, 15, 154, 155, 156,
 160, 197
 Wellman, Barry, 259, 359n.1
 White, Harrison C., 143, 260
 Whitehead, Alfred North, 47, 50, 51, 52, 63,
 91, 191, 355n.25, 356n.3
 Whyte, William F., 140
 Wiener, Norbert, 161
 Willer, David, 13, 25, 36, 323, 359nn.39, 42
 Wilson, John, 12–13, 41, 350n.1
 Wippner, Reinhard, 253
 Wittgenstein, Ludwig, 3, 25, 55
 Wohlstein, Ronald T., 356n.4
 Wood, Houston, 199
 Wrong, Dennis H., 193
 Zee, Anthony, 29
 Zeeman, E. C., 65, 128, 129, 138
 Zelditch, Morris, Jr., 147, 192, 323, 336,
 362n.11
 Zetterberg, Hans, 36

Cambridge University Press

978-0-521-37258-9 - The Meaning of General Theoretical Sociology: Tradition and Formalization

Thomas J. Fararo

Index

[More information](#)

Index of subjects

- achievement–ascription (*see* performance–quality)
- act (*see also* unit act)
 - habitualized, 198–9
 - as process and meaning, 154
 - type vs. instance, 215
- action
 - general elements of, 181
 - models list, 155
 - structure, 110–11, 154, 180, 215
- action theory
 - E*-state structuralism and, 336–40
 - general presupposition of, 154
 - intelligible explanation and, 144
 - presuppositional problems of, 158–9
 - three branches, 12, 156
 - see also* adaptively rational action theory; analytical action theory; structural–generative action theory
- activity
 - analytical types of, 104–5
 - concept of, 97
 - foci of, 300
 - instrumental vs. expressive, 104–5, 182–3, 187–8, 272–3
 - as output of control system model, 171
 - structure, 110–11
 - see also* action
- actor–situation
 - frame of reference and behavioral model, 225–6
 - model, 144–5
- adaptation
 - dimension, 99–100, 179–84, 193
 - system, 103
- adaptively rational action theory, 6, 157–8, 218–49
 - see also* behavioral model; rational choice and utility theory
- affect control, 166–7, 375n.25
- affectivity–neutrality, 121, 187, 356n.10–13
- AGIL
 - abstract dynamical action system, 180
- definitions of dimensions in, 181
- scheme, 179–88
- analogy, 40, 353n.13
- Pareto’s procedural, 93
- analytical action theory, 5, 156–7, 159–97, 288
 - critique of, 192–5
 - structural–generative action theory and, 214–18
- antihomophily bias, 299, 300
- approximation, 37–9
- attractor
 - of social network dynamics, 114
 - three formal types of, 113–14, 353n.8
- attractor state (*see also* chaotic attractor; cyclic attractor)
 - definition, 77
 - Durkheimian causal explanation and, 133
 - example, 82
 - social order as, 107, 112, 113–14, 160, 177, 184, 218, 251
 - theoretical sociology of *X* and, 136–7
 - type 2 theorems and, 87, 89, 109
- axiomatics, 16–22, 350n.3, 351n.8
 - E*-state structuralist model and, 330–1
 - Homans’s theory and, 22–4, 233, 253
 - meaning control hierarchy and, 28, 31–5
- balance theory, 31–6, 142–3, 145, 149–50, 279–81, 360n.7
- baseline models, 265, 339, 350n.4
- behavioral model, 225–49
 - coupling procedure in, 233–8
 - E*-state structuralism and, 338–9
 - Homans’s concepts and, 230
 - principle of adaptive rationality employed, 224
- behavior manifolds
 - definition of, 71
 - production system models and, 206
 - three-level stack of, 161

- biased network
 - definition of, 268
 - reconstructed problem of social order and, 275
 - recursion formula, 270
 - representation principle, 268, 340
- bias parameters
 - method of, 268
 - symmetry and, 268–70
 - transitivity and, 268–70
 - unification episode and, 309–11
- catastrophe
 - chaos and, 114, 129
 - definition of, 79
 - in meaning dynamics, 186
 - social change and, 108
 - structuration and destructure, 128, 132
 - type 4 theorems and, 87, 109, 128, 132
- causal explanation, *see* Durkheimian causal explanation; generative mechanism
- causation and control parameter, 128
- change
 - dynamical system meaning, 78–9
 - social, *see* social change
 - type 4 theorems and, 87, 89–90
- chaotic (strange) attractor, 114, 129, 133, 353n.8
- closure bias
 - cluster theorem and, 282
 - definition of, 269
 - weak-ties theory and, 277
- coercion
 - exchange theory and, 359n.39
 - problem of social order and, 177
- collectivities
 - member universal competence in, 211
 - problem of social order and, 190
 - production systems and, 209
 - social structure states and, 146
- communal relation
 - analytic concept of, 181
 - see also* gemeinschaft
- conflict tradition (*see also* Marxian subtradition), 95, 96, 350n.1
- connectivity
 - contact density and, 265–6
 - definition in biased network framework, 265
 - reduced density and, 276
 - SWT and, 277
- conscience
 - as monitor, 185
 - as motivational integration dimension of action, 181
 - social reproduction and, 183
- consciousness
 - E-states and, 338
 - practical and discursive, 200
 - production rules and, 210
 - in Whieheadian control hierarchy, 355n.3
- consolidation
 - macrostructural concept of, 287, 289
 - principle for mixed case, 299–300
 - principle for two graduated dimensions, 298–9
 - principle for two nominal dimensions, 296–8
 - of theories and unification dynamic, 148–9
- contact density, 265
- control
 - instructional (computational), 202
 - parameter, 73
 - principle of action, 162, 166, 172, 185–6, 203, 218
 - space, 138
 - system, 163–4
 - see also* dynamical normative control system
- correspondence
 - rules, 20–1, 350n.4
 - theorem of biased network framework, 270
- coupling of actor–situation models
 - social (horizontal), 172, 184–8, 218, 225, 231, 233–9, 319, 321
 - theoretical procedure, 144–6, 160
 - two modes defined, 172
 - vertical, *see* hierarchy, cybernetic
- coupling of dynamic equations
 - general idea, 74
 - sociological examples, 103, 122, 130, 180, 182, 317
- coupling of social relational processes (*see* interlock)
- covering law model, 37, 357n.13
- cultural dimension, 181
 - consolidation with social dimension, 302
- cultural objects, 256
 - social type and institutionalization, 274
- cybernetics
 - conceptual problem in analytical action theory and, 193–4
 - control systems and, 161
 - four functions in, and normative control, 185
 - meaning of function concept in, 164
 - process worldview and, 49–50
 - two forms of, 202–3
 - see also* feedback, negative
- cyclic attractor, 113–14, 353n.8
- differentiation
 - build-up and, 100, 115

Cambridge University Press

978-0-521-37258-9 - The Meaning of General Theoretical Sociology: Tradition and Formalization

Thomas J. Fararo

Index

[More information](#)*Index of subjects*

381

- and integration of complex social system, 284–8
 nominal and graduated dimensions of, 287
 penetration of, 302
 small worlds and, 315
 of ties and nodes in two theories, 309–10
 diffuseness–specificity, 187, 223, 313, 361n.10
 diffusion, 262, 264–5
 disequilibrium and normalization, 217–18
 dramaturgical model, 40
DSE, 163
 Durkheimian attractor cycle, 113–14
 Durkheimian causal explanation, 133–4
 Durkheimian depth sociology, 41, 351n.15
 critique of analytical action theory and, 193
 diffusion processes and, 273
 general dynamical social system and, 116
 Homans's theories and, 64, 101–2, 104–5,
 223, 252
 interpretive sociology and, 217
 process worldview and, 51
 recursive generativity and, 51, 134
 social integration dimension and, 182
 systems tradition and, 91
 wings of exchange theory and, 188
 see also ritual; social integration
 Durkheimian social generativity, 134
 Durkheimian tradition, 11, 12
 adaptively rational action theory and, 223–5
 ecological structuralism and, 197
 dynamical normative control system
 action theory and, 161–7
 definition of, 169–70
 mathematical model of, 169–72
 operative ideals in, 170–1
 values and norms in, 172–6
 dynamical social action system, general, 182
 general dynamical social system and, 182
 dynamical social system
 analytical action theory and, 179–90
 computer-assisted theoretical analysis and,
 244–9
 coupling procedure in behavioral model and,
 233–41
 general, 7, 69–70, 102–20, 153, 182
 interpretive sociology and, 217–18
 and key problems, 344–6
 structuralism and, 140–3, 149–50, 196–7,
 258, 261, 272–3, 280, 287, 303, 309,
 320–1
 dynamical system
 abstract sketch, 70–81
 discrete nonlinear, 317
 modes of generativity and, 42
 as part of mathematical systems theory, 65
 probabilistic, 80–1
 sociology and, 62, 68–70, 217–18
 see also dynamical social system
 dynamics
 fast–slow relation, 161, 360n.3
 global, 353n.11
 outcomes of, under various initial conditions,
 100, 244–9
 empirical operations rule, 257
 environment
 action and nonaction, 182
 of collectivity and reconstructed problem of
 order, 212
 in *POET* model, 197
 social adaptation and, 99–101
 equilibrium
 acquaintance networks and, 273
 in adaptively rational action theory, 232,
 237, 238, 240
 as adjustment, 81–7
 dominance hierarchy formation process and,
 332
 institutionalized sentiments and, 279–80
 social, *see* social equilibrium
 state, 76
 thermodynamic vs. social, 86–7
 see also attractor; repellor
 EST, *see* expectation states theory
 E-state structuralism, 323–41
 application of, 328–33
 further developments of, 335–40
 methodological ideas underlying, 320–3, 335
 principles of, 326, 334–5
 unification of theories and, 323
 see also expectation states
 ethnomet hodology, 199, 211
 exchange
 via coupling actor models, 233–49
 ratio, 236–7
 structural type of, 215–16
 theory branches, 158, 188, 221
 expectation states
 definition of role relation and, 187
 fundamental dynamic theorem of sociology
 and, 160–1
 importance of concept for theory, 147
 in normative control system model, 174
 in template for social generators, 178
 as theoretical construct, 147, 324–5
 see also expectation states theory
 expectation states theory, 147, 324–6, 335–6,
 361n.13
 explanation (*see also* generativity)
 causation and, 128

- explanation (*cont.*)
 - functional, 138
 - intelligible, 144
 - philosophical models of, 36–46
- feedback
 - negative, 163–6, 216, 218
 - social change and, 108
- formalization
 - explication and, 192
 - of interpretive sociology, 201–18
 - of macrostructural theory, 288–302
 - as recursive process, 2
- formal macrostructural theory, 288–306
 - unification episode and, 306–13
- functional analysis, 137–8
- functionalism, 94, 171
- functions
 - four cybernetic, 185
 - manifest and latent in action network, 216
 - as recurrent subprocesses, 165
- game theory, 27–8, 352n.24
- gemeinschaft, 181, 224, 237
- gender
 - as institution, 204
 - in macrostructural theory, 297–300
- general dynamical social system, *see* dynamical social system
- general systems theory, 65–70
 - family of frameworks list, 67–8
 - process worldview and, 52
 - two approaches, 65
- general theoretical sociology
 - chart, 7
 - as comprehensive tradition, 9–16, 53, 59, 95–6, 148–9, 153, 159, 286
 - development as recursive process, 95
 - meaning of, ix–x
 - overview of, 1–8
 - philosophy of, 9–61, 342–4
 - vs. theoretical sociology of *X*, 137
- generative mechanism, 39–43, 106
- generative rule system, 42
- generative structuralism
 - exemplified in *E*-state structuralism, 320, 341
 - fundamental principle of, 47
 - lack of, in status dynamics models, 352n.3
 - and methodological individualism and holism, 146
 - as outlook on general theoretical sociology, x, 2
 - philosophical features of, 58
 - presuppositions of, 9
- structuralism and, 257, 262
- generative theoretical models, 44–5
- generative-transformational grammar, 42, 201–2
- generativity
 - explanation of dominance hierarchy and, 333
 - in linguistic theory, 42, 202
 - state concept and, 147, 341
 - three modes of, 42–3, 256
 - see also* Durkheimian social generativity
- generator
 - deterministic vs. stochastic, 80
 - formal definition of, 75
 - theoretical model and, 71
- goal-attainment dimension, 179–81, 183–4, 193
- heterogeneity, 289–91
 - conditional, 301
 - in Pareto's theory, 96
 - relation, 289, 291
- hierarchy
 - cybernetic, 172–6, 185–8, 193–4, 337
 - dominance, 328–33
 - meaning control, 26–36, 116
 - TOTE, 164
- historical materialism, 13, 350n.1, *see also* Marx, Karl, *in Index of Names*
- Hobbesian problem, 177
- holism, *see* individualism
- homophily bias
 - heterogeneity and, 291–2, 294
 - inequality and, 294–5
 - justice and, 304
 - parameter defined, 291
- Human Group, The* (Homans), 91, 96
- idealism, *see* worldview
- idealization, 37–9, 92
- ideals, operative, 163–92
 - acquaintance networks and, 272–3
 - AGIL scheme and, 181–6
 - cognitive, *see* philosophical models
 - definition of, 163
 - interpenetration and, 192
 - interpretive procedures and, 217–18
 - problem of social order and, 177
 - rate rule and, 176
 - values and norms as, 172–6
- indexicality, 211
- process worldview and, 52
- individual
 - as institution, 213
 - as social being, 115, 192
 - social structural focus of sociology and, 95

Index of subjects

383

- individualism
 - institutionalized, 213
 - methodological, principle of, 219–21
 - methodological, vs. holism, 146
 - research, 257
- inequality, 289, 292–3
 - relation, 289, 292–3, 304
- institutional definitions, standing, 207–8
 - and macrostructural theory, 286–7, 310
- institutionalization
 - AGIL scheme and, 181
 - as consolidation of values and power, 305
 - as diffusion and reconstructed problem of order, 274–5
 - of interpersonal sentiment relations and balance, 280
 - of interpretations of action as deviant, 357n.24
 - normative control process and, 178
 - of values, 161
- institutions
 - vs. collectivities, 200
 - concept of, in interpretive sociology, 198–201
 - generative basis for, 212
 - macrostructural theory and, 285–6, 313
 - relational, 160
 - in structural–generative action theory, 201–18

see also institutional definitions, standing
- instrumentalist model
 - vs. realist model, 55–7
 - of theory structure, 24–6
- integration, *see* social integration
- intention, 163, 224
- interaction
 - coupling procedure and, 144, 233
 - in general dynamical social system, 104
 - in Homans's conceptual scheme, 97–8, 353n.16
 - in Simon–Homans models, 120–1, 130
 - social structure and, 218
 - type of model, 155

see also activity; coupling entries; ritual
- interchange, 216
- interdependence
 - among actors, 355n.31
 - analytical, 84
 - in Simon–Homans linear model, 121, 127
- intergroup relations, 290
- interlock
 - definition of, 143
 - network analysis and, 150, 259, 279, 320
- internalization, 160–1, 166, 178, 181
- interpenetration
- and concept of organic, 191
- definition of, 191
- and duality of persons and groups, 354n.18
- in macrostructural analysis, 304–5
- normative order and, 191–2
- process worldview and, 51, 191
- of research traditions, 11
- social coupling and, 190
- structural integration principle and, 191
- interpretive procedure
 - definition of, 199
 - E-state structuralism and, 337–8
 - in structural–generative action theory, 209–14
- interpretive sociology, 5, 197–218
- intersection, 295, 305
- invariant, 27, 232
- justice, 167, 303–4
- kinship relations, 279–80
- latent pattern maintenance dimension, 101, 179, 180, 181, 183
 - and Marx, 193
- law, scientific, 26, 88–9
- macrostructuralism, 259, 288
- macrostructural theory, 283–320
 - formalization of, 288–302
 - formal macrosociology and, 302–6
 - institutions as typification schemes and, 285–6
 - problem of social integration and, 284–5
 - small worlds and, 313–20
 - and unification with weak-ties model, 306–13
 - and values, 286–8
- Marxian subtradition, 106, 108, 115–16
- Marxism, analytical, 220
- materialism, *see* worldview
- mathematical model, abstract, 19, 350n.5
- meaning
 - control hierarchy, 26–36
 - and unit act, 154
 - see also* intention; consciousness; understanding
- means–ends relation, 159–60, 162
- microanalysis and macroanalysis, 287–8
- Micro–Macro Link, The* (Alexander et al.), 146
- microstatics and macrostatics, 313
- middle-range approach, 149
- mind, computational model of, 40, 42–3
 - control principle of action and, 203, 217
- E-state structuralism and, 339

Cambridge University Press

978-0-521-37258-9 - The Meaning of General Theoretical Sociology: Tradition and Formalization

Thomas J. Fararo

Index

[More information](#)

384

- model object
 - conceptual scheme and, 97
 - definition of, 57
 - Pareto's procedural analogy and, 92
 - vs. theoretical model, 57–9, *see also* theoretical model
- moral values, 169–71
 - in AGIL scheme, 181
 - common system of, 160
 - interpenetration and, 192
 - rational vs. nonrational analytic types, 187–8
 - social order and, 185–8
- see also* pattern variables, values and social order
- network analysis subtradition, 259–60
 - presuppositions of theories in, 259, 324
- networks
 - acquaintance, 267–73
 - action, 154, 199, 212, 217
 - collective actors and, 183
 - dynamical systems and, 95, 99, 104, 114, 140–3, 150
 - multilevel, 359n.40
 - neural and social, 319–20, 357n.20
 - reconstructed problem of order and, 274–5
 - social coupling and, 176–9, 203
- see also* biased networks; social structures
- nonlinear dynamical systems, 74, 129–33, 229, 317
- normal form, 199, 211, 218
- normalization, 209, 217–18
- norms, 98, 357n.19
 - attractor states and, 112–13
 - in cybernetic hierarchy model, 173–4
 - emergent, 329
 - interpretive procedures and, 218
- ontological conceptions
 - action theories and, 145
 - realist model and, 39
 - research tradition concept and, 11
 - structural–generative action theory and, 212
- particularism, 186, 187, 189, 272–3, 278, 286–8
- pattern variables and social order, 186–8
 - see also* names of variables
- p-centric analysis, 33, 278
- performance–quality (achievement–ascription), 187, 287, 356n.10–13
- philosophical models, 9–61
 - issues involving, 53–9
 - overview of, 9–10
 - summary of, 59–61

Index of subjects

- of theoretical explanation, 36–47
- of theory structure, 16–36
- see also* worldview
- POET model, 197
- positivist model
 - of causation, and generativity, 134
 - of explanation, 37–8
 - method of study of science and, 352n.21
 - natural science model as issue and, 54
 - template concept and, 178
 - of theory structure, 16–24
- presuppositional problems of action and order, 158–9
- presuppositions
 - of action theory, 154
 - of adaptively rational action theory, 219, 222
 - of analytical action theory, 167–9, 359n.34
 - of expectation states theories, 324–5
 - of generative structuralism, 7, 9, 47, 57
 - of interpretive sociology, 198–201
 - of macrostructuralism, 283
 - of network analysis, 259, 324
 - Pareto's procedural analogy and, 91
 - of structuralism, 257, 261
 - theory structure and, 27
 - unification and, 30
 - worldviews and, 11
- Prisoner's Dilemma, iterated, 241–9
- process models, types of, 79–81
- process worldview, 47–53, 153
 - causal powers and, 50
 - cognitive status of theories and, 56
 - general theoretical sociology and, 2–3, 7, 12
 - generative structuralism and, 47
 - idealism and, 48
 - materialism and, 48
 - order and, 50
 - sociological theory and, 51–3, 198, 258, 261
- production rules (*see also* production system models), 203–14
 - conscious choice and, 205–6
 - constitutive type, 203–4
 - E-state structuralism and, 338–9
 - institutions and, 204–5, 211–12
 - interpretive sociological ideas and, 205–14
 - novel, 252
 - production system principle and, 211
 - ritual action and, 206
 - situated action type, 204–5
- production system models
 - analytical action theory and, 215–18
 - definition of, 206
 - example of, 207–8
 - stochastic, 252
 - TOTE concept and, 162–3

Index of subjects

385

- random net, 265
 rate rule, 176
 rational choice and utility theory, 18–23
 approach in theoretical sociology, 253–4
 dynamical systems and, 221–2
 E-state structuralism and, 339–40
 procedural rule and, 359n.41
 see also individualism, methodological rationality (*see also* moral values, rational vs. nonrational analytic types), 158, 187, 223
 realist model
 cognitive status of theories and, 55–7
 concept of state and, 147
 dynamics of science and, 352n.22
 natural science model and, 54–5
 Pareto's procedural analogy and, 94
 process worldview and, 51, 52, 56
 of society in structural–generative action theory, 256
 of theoretical explanation, 39–43, 134, 157, 321
 reality construction
 model in ethnomethodology, 199
 process worldview and, 49
 recursion
 formula for biased net tracing, 270
 formula for random net tracing, 265
 simultaneous equations for small world tracing, 317
 TOTE units and, 162–3
 recursive bifurcation process, 228–9, 358n.30
 recursive generativity
 biased network tracing process and, 266
 dynamical systems and, 75
 E-state structuralism and, 320–1
 explained, 45–6
 generating process and, 43
 process worldview and, 7, 47–8
 production system principle and, 214
 theory of adaptively rational action and, 225
 recursive social practices, 199–200
 reduced density, 270
 reference standard, *see* ideals, operative repellor
 definition of, 77–8
 example of, 82–3
 really possible social structures and, 184
 type 2 theorems and, 87, 89, 109
 representation principle
 of adaptively rational action (behavioral theory), 224, 232
 of adaptively rational action (rational choice theory), 222
 of analytical action theory, 166
 of biased network structuralist framework, 268
 of general dynamical social systems framework, 116–17
 of macrostructural theory, 290
 as nonhomogeneous framework-defining statement, 26–9, 232
 problematic vs. established, 26, 46, 156
 of structural–generative action theory, 211
 in Toulmin's model, 25
 ritual (*see also* Durkheimian social generativity), 101, 104, 213
 analytical action theory and, 187–8
 behavioral model and, 235
 disequilibrium, 102, 217
 salience, 292, 293
 self-indications, 199, 205
 sentiment, 33–5, 97, 98, 119, 156, 166, 273, 293
 similarity, 119, 288, 293, 311
 simulation, 139–40, 158, 240–9, 319, 359n.36
 small worlds, 263, 313–20
 “social,” meanings of, 181
 social action system, 155
 social change
 in general dynamical social systems framework, 108
 type 4 theorems and, 109, 127–8, 132
 social control
 in general dynamical social systems framework, 107
 internalization of, 166
 in social coupling of dynamical normative control systems, 176
 type 2 theorems and, 108
 social coupling, *see* coupling of actor–situation models
 social equilibrium
 in general dynamical social systems framework, 107
 type 1 theorems and, 109, 125
 social group, 100
 social identity, 207–8, 357n.21
 social integration
 acquaintance networks and, 278
 of complex social system, 263, 272, 283–7
 dilemma of, 262, 278, 281
 dimension, 99–100, 181–4
 global vs. local, 277–8, 306
 scope of theoretical sociology and, 95
 solidarity and, 100
 system vs., 113
 socialization, 183

386

- social knowledge, 199–201, 207, 209
- social mechanisms
 - in general dynamical social systems framework, 107
 - interaction concept and, 353n.16
- social networks, *see* networks
- social order
 - definition of, 116
 - economic and communal, value requirement for existence, 188
 - presuppositional problem of, 158–9
 - problem of, 160, 176–8
 - reconstructed problem of, 200, 212, 273–6
 - representation principle, 117
 - as stable social structure existence, 187
- social practices, 199–200
- social reality (*see also* reality construction), 199
 - rule, 208
- social relation (*see also* social role), 237
 - inequality formula, 293
- social reproduction
 - analytical action theory and, 183
 - in Giddens's theory, 200
 - in Homans's system theory, 101
 - type 2 theorems and, 109
- social role
 - emergent social relation and, 237
 - interaction and, 211–12
 - relation, meaning of, 187
 - in structural–generative action theory, 207–8, 217
 - structure as multiplex, 189–90
- social stability
 - in general dynamical social systems framework, 107–8
 - Parsons's theorem conjecture on, 187
 - type 2 theorems and, 109, 126
- social statics, comparative
 - in general dynamical social systems framework, 108
 - macrosociological theory and, 303
 - type 3 theorems and, 109, 127
- social structures
 - analytic types of, 183–4, 186–7, 193
 - existence of, and type 1 theorems, 109, 125
 - four types of theorems and, 109
 - in general dynamical social systems framework, 107
- social system, *see* dynamical social system
- Social System, The* (Parsons), 160, 175
- sociological theory, ix, 15
- space
 - general meaning of, 71
 - in macrostructural theory, 289
 - parameter, 71, 80

Index of subjects

- state, 70, *see also* state space
 - in structural–generative action theory, 204
- stability (*see also* attractor)
 - analysis of equilibrium state, 77–8
 - comparative statics and, 78
 - social, *see* social stability
 - structural, and type 4 theorems, 78–9, 87, 351n.19
 - type 2 theorems and, 87, 126
- standardization, 100
- state space
 - approach, 46, 147, 361n.11
 - concept of, 322
 - definition, for dynamical system, 70
 - discrete vs. continuous, 80
- statics, comparative
 - definition of, 78
 - social, *see* social statics, comparative
 - type 3 theorems and, 87
- status-role, 98, 160, *see also* social role
- structural analysis, 257, 359n.1
- structural equivalence, 111
- structural–generative action theory, 111, 157, 201–18
- structural integration, principle of, 191–2
 - see also* interpenetration
- structuralism
 - generative, *see* generative structuralism
 - presuppositions of, 257–8, 340
 - two branches of, 258–9
 - types of, in analytical action theoretic perspective, 196
 - and unification, summary of ideas, 348–9
- structural representations, 109–12
- structuration theory, *see* Giddens, Anthony, *in Index of Names*
- structure, principle of duality of, 200, 206
- Structure of Social Action, The* (Parsons), 159, 175
- structure of theory, 16–36
 - logical form of, and generativity of models in, 55
 - as meaning control hierarchy, 26–36
- structure statistics
 - correspondence theorem, 270
 - definition of, 266
 - small world analysis and, 314
- symbolic interactionism, 13, 94, 178, 198–9
- symbolic media, 179, 217, 305
- system (*see also* entries under dynamical)
 - actor–situation vs. social, 231
 - of consolidation, 305
 - idea in sociological theory, 11, 63–4, 98
 - theories, general, 65–8
 - three types of, 66

Index of subjects

387

- template, 72, 158, 178, 190, 222, 238
- theorems
 - conjectured, 117, 175, 186–7
 - four types of, 87–90, 109, 120–9
 - social order, 177
- theoretical model
 - generator and, 72–4
 - and meaning control hierarchy, 27
 - and model object, 57
 - rule of, in structuralism, 257
 - theorems and, 125
- theoretical sociology
 - of various action dimensions, 196
 - of X, contrasted with general theoretical sociology, 135–7
- theory
 - comprehensive, 29, 58, 72, 117–19
 - linguistic, 202
 - specific, *see* theoretical model
 - statistics and, 57, 297
 - structure, *see* structure of theory
- TOTE unit, 162–3, 224
- tracing process (*see also* recursion), 261, 266
- typification
 - concept in interpretive sociology, 198–9
 - production rules and, 207
 - schemes, 210, 285–6, 341
- understanding, 155
- unification
 - of branches of action theory, 201, 253
 - conditions favorable for, 307
 - dynamic, 11, 12, 29, 95, 258, 319
 - of macrostructural theory and other theories, 302–13
 - procedure, 313
- as recursive process, 2, 148
- unit act, 154–5, 166, 203, 215
- universalism (*see also* particularism), 186, 187, 188, 223, 286
- utilitarianism, 224
- utility theory
 - dynamic, 221–2
 - rational choice framework and, 18–23
- values
 - in AGIL scheme, 181
 - concepts of adaptively rational action theory and, 230–1
 - macrostructural theory and, 286–7
 - moral, *see* moral values
 - as operative ideals, 173–5
 - and power, consolidation of, 305
 - TOTE unit and, 163
- voluntarism, 167–8
- weak ties
 - axiom of, 276
 - closure bias and, 277
 - dilemma of integration and, 275–8
 - reconstructed problem of order and, 276
 - theorem of, 277
 - and unification with macrostructural theory, 306–13
- Weberian element, 144
- world-historical analysis, 285
- world-historical interests, 213
- world-historical sociology, 14
- worldview, 2–3, 7, 9–11
 - idealism and process, 48
 - materialism and process, 48
 - see also* process worldview