

INDEX

- ABC barometer, 49
Adams, John W., 226n28
Administrative principle, 66, 67
Agency, 8
Agency for Healthcare Research and Quality, 13
Agglomeration orientation, 62
Albarda, J. W., 45, 47
American Federation of Labor (AFL), 197, 200, 201, 209, 210, 219, 221, 222
American Labor Union, 228n39
Anarchists Industrial Unionists, 220
Anarcho-Syndicalists, 220
Anderson, Benedict, 110
Animal experimentation, narratives of surprise in, 149–151
Anticrisis policy, 47
Anticyclical policy, 47
Antitrade union faction, 207
Appeal to Reason, 208
Aquinas, Thomas, 76
Asch, Solomon, 82
Autonomy, 6
- Babbage, Charles, 42
Baden-Powell, B. H., 119
Bakker, Oege, 52
Balderston, Frederick E., 165
Behavior Farm, 157
Bellamy, Edward, 199, 201
Berger, Victor, 202, 209, 211, 219
Berkeley laboratory, 164
Beveridge, William, 55n21
Blaug, Mark, 61
Bloch, Maurice, 101
Bloom, Harold, 79
Böhm-Bawerk, Eugen von, 49
- Boring, Edwin, 84
Bose, Nandalal, 124
Boumans, Marcel, 188
Boundary work, 74
Brewer, Garry, 166
Bricolage, 28
Brotherhood of the Co-operative Commonwealth, 224n14
Bryan, William Jennings, 200
Buchanan, Francis, 112, 116
Buiter, Willem, 29, 30
Business barometers, 35, 37n6, 181
Business cycle, monitoring, 30–33
Business promoters, 27–29
- Calculable spaces, economic spaces as, 113–117, 186
Capitalism, 195–196, 197, 204, 205
Capitalist mode of production, 196
Capitalist rationality, 118
Carnegie, Andrew, 228n45
Carnegie, Dale, 79–80, 82
Case-based narrative technique, 153, 155, 156, 158, 159n5
Case-study approach, 6
Causal influence, 77
Center for Research in Experimental Economics and political Decision-making (CREED), 164, 170–173, 175n26
Centraal Planbureau (CPB), 24, 25, 27–37, 37n1, 37n2, 37n9, 37n12, 38n13, 38n15 modeling tradition, 27–29
Central Bank of Canada, 24
Central Bureau of Statistics (CBS), 27, 28, 43, 44, 49, 51

- Central place theory, 62, 65–66, 67, 69
- Central Planning Bureau, 47
- Certeau, Michael de, 164
- Ceteris paribus*, 17–20, 52, 61, 183
- Chalmers, Thomas, 42
- Chang, Hasok, 180, 181
- Chicago Civic Federation, 228n45
- Chisholm, George, 115
- Christaller, Walter, 61
- Christian Commonwealth Colony, 224n14
- Christian Socialists, 207
- Chunder, Bholanauth, 123–124
- Citations, 81
- Class conflict, 216
- Class consciousness, 213, 220
- Claude, Meillassoux, 101
- Cohen, Joshua, 182, 183
- Cole, G. D. H., 220
- Colijn, Hendrik, 48, 49, 55n12
- Colligation, 6
- Collins, Harry, 138–139
- Colonialism, 110–113, 115–120, 122–124
- Colonization, 202
- Coming Nation, The*, 201
- Commons, John R., 197
- Communication, 74, 77, 79–82, 84–86, 88, 89n7
- Community, 185–187
- Compensation theory, 42
- Computational reproducibility, 134–135
- Concepts, 4
- Conditional reflex (CR) method, 148–150, 152–158
- Confounding, 6
- Confounding, 143n6
- Contemporary Socialism, 194, 196
- Corrigan, Charles Hunter, 204
- Cost-effectiveness models, 12–13
- Costley, William E., 226n28
- Cost-per-Quality-Adjusted-Life-Year, 16
- Cox, James, 167–168, 170
- Crooke, William, 124
- Curiosity, 6
- Currie, Adrian, 158
- Cyclical unemployment, 49–52
- Davis, Doug, 172
- Deane, Phyllis, 94, 95
- de Bosch Kemper, M.J., 35, 37n6
- Debs, Eugene Victor, 200–204, 209, 218, 219, 224n12, 224n13, 225n18
- de Certeau, Michael, 173
- Decision-analytic models, as decision guides, 13–14
- Decision-analytic oversimplification, 17
- Decision tree modeling, 13
- Declaration of Principles, 201, 202
- De Ingenieur*, 53, 54n4
- De Leon, Daniel, 199–200, 218, 220, 227n37
- de Man, Hendrik, 47
- Democratic Party, 200
- Department of International Business Cycles, 27, 29, 30, 32–35
- Department of Labor, 206
- Department of Political Economy, 194
- de Sismondi, Jean, 42
- Detour production, 49
- De Tribune*, 47
- Development economics, 95, 97
- Diagrammatic reasoning, 60
- Diagrams, shaping space through, 59–70
- forms and reasoning, 59–61
 - idealization, 62–66
 - laws and locations, 61–62
 - reasoning and realization, 66–69
- Direct reproducibility, 138–141
- Discrete choice experiment, 19, 20
- Displacement of labor, 46
- Division of labor, 167–170
- Dror, Otniel, 149–150
- DSGE models, 181

- Dual unionism, 200
Dutch Labour Party, 54
Dutch Science Foundation, 170, 171
Dutt, Romesh Chunder, 122
- Easley, Ralph, 223
East India Company (EIC), 114, 115
Eckel, Catherine, 168
Economic anthropology, 94, 95, 104, 105n21
Economic barometers, 43, 51
Economic knowledge, 24
Economic modeling, 24, 25, 27–30, 34, 35, 36, 37n13
Economic monitors, 25, 27, 30–37
Economic planning, 110, 123
Economic policy, formalization of, 47–48
Economic Science Laboratory (ESL), 166, 169
Economics laboratories, 163–176
Economic spaces, 109–126
as calculable spaces, 113–117, 186
and measurement, 111–113
Economic sphere, 98
Economic structure policy, 47
Economic time, and measurement, 111–113
Elections of 1908, 209–211
Elections of 1910, 211–215
Elections of 1911, 211–218
Electrification, 44
Elimination of labor, 45
Epistemic value of irreproducible research, 141–142
European Committee, 33
Exemplary narrative, 154–157
Experiential knowledge, 24
Experimental economics
in Amsterdam, 170–173
history of, 167
Experimental Economics and Political Science Laboratory, 166
Experimental method and clinical case, integrating, 151–154
- Experimental paradigm, 143n5
Experimental psychiatry studies, using narratives, 147–160
exemplary narrative, 154–157
experimental method and clinical case, integrating, 151–154
surprise in animal experimentation, 149–151
Experimentation, 133–134, 137, 142
- Falsificationism, 5
Ferguson, James, 95
Fermat–Weber problem, 70n6
Festinger, Leon, 82
Feudalism, 105n22
Fictional expectations, 111, 125n8
Field economists, 97
Fieldwork, 93–105
Financial accounts, 112
Fisher, Irving, 70n9
Flint, Robert, 196
Force table, 67
Fordism, 44
Formalization of economic policy, 47–48
Forman, Paul, 78
Forrester, John, 149
French Syndicalists, 220
Frictional unemployment, 55n21
Friedman, Daniel, 166
Friedman, James, 165–166
- Gandhi, M. K., 124
Gantt, W. Horsley, 148, 150–159, 184, 187
Gazing, 112
General Economic Council's Audit Office, 48
General-equilibrium analysis, 69
Geometrical schema, 69
George, Henry, 199
Geschooldheid en Techniek (Schooling and Technology), 45
Gieryn, Thomas, 74
Gill, Shlomo, 166

- Ginzburg, Carlo, 158
 Godelier, Maurice, 101
 Gompers, Samuel, 209–211, 219,
 227n32, 228n45
 Goswami, Manu, 110, 117
 Gradmann, Robert, 65
 Great Financial Crisis of 2008, 181,
 182
 Greenback Labor Party, 199
 Greenback Party, 199
 Greene, Julie, 225n25
 Guthrie, William, 195
- Hanford, Benjamin, 209
 Harstad, Ron, 172
 Hart, Keith, 102
 Hayes, Max, 219
 Haymarket Riot, 199
 Haywood, William, 208, 218, 220
 Hazlett, Ida Crouch, 209
 Healthcare decision-making, 19
 Health economics, 11–20
 ceteris paribus, 17–20
 cost-effectiveness models, 12–13
 decision-analytic models, as
 decision guides, 13–14
 models, obstacles of, 14–17
 market failure, 15–18
 model realism, 17
 narrow focus, 16
 Heath, Berger, 202
 Heath, Frederic, 202
Het Volk, 55n11
 Hey, John, 173
 Heyne, Benjamin, 115, 116
 Hickey, William, 115
 Hill, Polly, 93–105, 185, 187
 Hillquit, Morris, 200, 202, 209
 Himmler, Heinrich, 69
 Historical explanation, influence of,
 73–89
 Historiography, 76
 Hobbes, Thomas
 influence on Hume, 76–77
 Hoffman, Elizabeth, 170
- Hoge Raad van Arbeid (HRvA, High
 Council of Labour), 48,
 55n15
 Hoggatt, Austin C., 164–167, 174,
 174n7, 175n12
 Holt, Charles, 169, 170
 Homestead (Pennsylvania) strike, 199,
 224n8
 Homestead Massacre *see* Homestead
 (Pennsylvania) strike
 Homo economicus, 60
 Hoover's American Relief
 Administration, 150
 Hopkins, Anthony, 103
*How to Win Friends and Influence
 People*, 79–80
 Hoxie, Robert F., 193–228
 Hsiang-Ke Chao, 186, 188
 Hume, David
 Hobbes's influence on, 76–77
 Hunter, Robert, 209, 226–227n30
 Hypothetical-deductive approach, 61
 Hypothetical reproducibility, 136, 137
- IBM, 169
 Idealization, 62–66
 central place theory, 65–66
 of industrial triangles, level of,
 64–65
 Ideal types, 17
 Ideal weight, 63
 Illinois Labor Party, 199
 Illumination, 188
 Imagination, 6, 8, 185–186
 Incremental cost-effectiveness ratio
 (ICER), 12, 16, 17
 India
 economic spaces in, 109–126
 political economy, 117–124
 Indigenous capitalists, 96, 98
 Indigenous economics, 96–99, 101
 Indigenous economists, 99
 Indirect reproducibility, 136
 Induction, 93–105
 Inductive methods, 99–103

- Inductive reasoning, 102
Industrial triangles
 idealization of, level of, 64–65
Industrial Unionism, 200
Industrial Workers of the World
 (IWW), 218–222, 225n25
Infirming, 6
Influence, 75–79, 187–188
 context of, 88
 of historical explanation, 73–89
 influence of Morgan, 85–88
Inland Customs Line, 119, 120
Institute for Quality and Efficiency in
 Health Care (IQWIG),
 12–13, 15
International Labour Office (ILO),
 44, 53
International Workingmen's
 Association, 197
Interpersonal relationships, 79–85
Irreproducible research, 138
 epistemic value of, 141–142
Ischlondsky, N. E., 155
Isodapanes, 65
Isolated state, as ideal state, 62–64
- Jones, Mary Harris “Mother,”, 218
JSTOR, 75, 88–89n1
Judgment, 24, 25, 28–31, 33–36
Justification, 8
- Kagel, John, 170
Kaldor, Nicholas, 98–99
Kennedy, John Curtis, 227n33
Kerr, Charles, 211
Keynes, John Maynard, 53, 78, 94,
 96, 103, 112
Klein, Felix, 67
Knights of Labor, 199
Knowledge dissemination, 77
Koselleck, Reinhart, 111
Krugman, Paul, 69
Kuhn, Thomas, 83, 102
Kupers, E., 48
- Labor, 196
 orientation, 61
 as political force, emergence of,
 198–199
 productivity, 45, 49, 52
Labour Plan, 47
Lakatos, Imre, 83
LaMaster, Shawn, 169
Language, 4
Lassallean Universal German
 Workmen's Association,
 199
Laughlin, J. Laurence, 223n5
Launhardt, Wilhelm, 61
Law of orientation, 61
Lazarsfeld, Paul, 80
League of Nations, 44
Lefebvre, Henri, 111, 117, 119
Lehman Brothers, breakdown of, 29,
 36
Leighton, Alexander, 155
Leverhulme Trust, 77
Levin, Dan, 170
Levy, Jonathan, 111
Lewis, W. Arthur, 95
Lexicon, 102
Liddell, Howard, 148
Life chart method, 153
Lipton, M., 102
List, Frederich, 110
Lloyd, John F., 202
Locational figure, 64–65
Locational triangles, 64–65, 68
Location determination, 61–62
Location models, 186
Location theory, 59–70
Lopokova, Lydia, 94, 103
Lösch, August, 61
- Maas, Harro, 181–182
MacDonald, Ramsay, 196
Mach, Ernst, 67
Machiavelli, N., 79
Machinery question, 42, 43, 53–54,
 54n2

- Macroeconomic forecasting, 24–29, 32, 34–36
- Mahalanobis, P. C., 123, 124
- Mahoney, Michael J., 84
- Mallock, William H., 195–196
- Mandeville, Bernard, 77
- Market failure, 15–18
- Marketing principle, 66
- Marx, Karl, 42, 195, 197, 200, 217
- Marxian Socialists, 207
- Marxism, 101
- Marxist Social Democratic Workmen's Party of North America, 199
- Masserman, Jules, 148
- Mata, Tiago, 187
- Matchett, Charles Horatio, 200–201
- McCulloch, John Ramsay, 42
- McKay, Edward D., 226n28
- McKinney, William T., 147–148, 200
- Measurement, economic space/time and, 111–113
- Mechanical reasoning, 66–68
- Mediator, 8
- Medicaid, 13
- Medicare, 13
- Mercantilist rationality, 118
- Meyer, Adolf, 153, 159
- Milburn, William, 116–117
- Milgram, Stanley, 82
- Mill, John Stuart, 110
- Mills, C. Wright, 80
- Mills, Walter Thomas, 204
- Mode, 102
- Model realism, 17
- Models, forms of, 60
- Modern Socialism, 194, 196
- Money market, 27
- Monthly world trade monitor, 31–32, 33
- Morgan, Mary S., 3–9, 59–60, 73–89, 110, 124, 164, 173 influence of, 85–88
- Murnighan, Keith, 170
- Naoroji, Dadabhai, 117–121
- Narrative ordering, 154
- Narratives, experimental psychiatry studies using, 147–160 exemplary narrative, 154–157 experimental method and clinical case, integrating, 151–154 surprise in animal experimentation, 149–151
- Narrative science, 184
- National Civic Federation, 228n45
- National Cooperative Commonwealth, 202
- National economy, 94
- National Institute for Health and Care Excellence's (NICE), 12, 15, 20n1
- Nationalism, 110, 121
- Naturalized philosophy of science, 4
- National Research Council (NRC) Committee on Neurotic Behavior, 157
- Natural wage, 70n5
- Nehru, Jawaharlal, 124
- New Year's Day, 201
- Nkrumah, Kwame, 98
- Norton, John, 140–141
- Nowcasts, 32
- Nyerere, Julius, 99
- Observation, 93–105
- Olson, Mark, 172
- Onderzoek naar de "Blijvende werkloosheid" en haar bestrijding (Research on "Permanent Unemployment" and her Combat) *see* van der Waerden report
- One Big Union, 220, 221
- Open Science, 132, 142
- Opinion leaders, 80
- Opportunism, 214
- Organized labor, 206

- Over rationalisatie en werkloosheid*
(On Rationalization and
Unemployment), 45
- Passos, John Dos, 156
- Patient-Centered Outcomes Research
Institute, 13
- Pavlov, Ivan, 148–152, 155, 157
- People's (Populist) Party, 200
- Perlman, Selig, 197, 227n37
- Permanent unemployment, 42–44,
48–49, 51–52, 54n2
- Person, Warren, 49
- Personal influence, 79–88
- Personal knowledge, 30
- Petty, William, 112
- p-hacking, 131
- Phillips–Newlyn machine, 60
- Pick, Georg, 67–68
- Pierson, Nicolaas, 43
- Place, 185–187
- Place and space distinction, 164
- PLATO, 169
- Playing with maps, 68–69
- Plott, Charles, 166, 170–172
- Political economy, 117–124
- Political self-determination, 122
- Politicization of rationalization
unemployment, 48
- Poovey, Mary, 115
- Popper, Karl, 130, 142
- Populist support, 213
- Poverty, 99–100, 120
- Prakash, Gyan, 110
- Precision, 24, 25, 32, 34–36
- Presidential election of 1908, 209–211
- Prest, Alan R., 94
- Price disparity, 49, 50
- Prinsep, James, 116
- Production, 27
- Profit maximization, 18–19
- Quality-Adjusted-Life-Year (QALY),
17
- Quality control, 5
- Quint, Howard, 202
- Radder, Hans, 132–133
- Radical unionism, 199
- Ranade, Mahadev Govind, 117–118,
119, 121–124
- Rassenti, Stephen, 168–169
- Rationalization
- definition of, 44
 - van der Waerden's analysis of,
45–47
 - unemployment, 41–55, 182
 - politicization of, 48
- Realization, with diagrams, 66–69
- Reasoning
- with diagrams, 60, 66–69
 - inductive, 102
 - mechanical, 66–68
- Record-keeping, 113, 114, 117
- Regulation VII of 1833, 116
- Reichs Commission for the
Strengthening of
Germanom
(Reichskommiseriat für die
Festigung deutschen
Volkstums), 69
- Replicability, 133
- Reproducibility
- computational, 134–135
 - crisis, 130–132
 - definition of, 132–134
 - direct, 138–141
 - hypothetical, 136
 - indirect, 136
 - as research quality criterion,
129–144
 - in scientific practice, 134–138
 - scoping, 136
 - spectrum, 135
 - tests, 130
- Reproducible expertise,
reproducibility as, 136–137
- Reproducible observation, 137–138
- Research methods, 131–133, 135,
140–142

- Revolutionary Socialist Labor Party, 199
 Revolutionary unionism, 226n26
 Ricardo, David, 42
 Rodenburg, Peter, 182
 Roosevelt, Franklin Delano, 80
 Roosevelt, Theodore, 222
 Roth, Alvin, 170, 172
Royal Netherlands Economic Association, 48
 Royal Netherlands Economic Association, 54n5
 Rural entrepreneurs, 96
 Ruskin Co-operative Association, 224n14
- SAFFIER, 28, 36
 Sameness *see* Reproducibility
 Sarton, George, 75
 Satisfactoriness, 5
 Say, Jean-Baptiste, 42
 Schram, Arthur, 170, 171
 Scientific diagrams, 60
 Scientific management, 44
 Scientific practice, reproducibility as, 134–138
 computational reproducibility, 134–135
 irreproducible Research, 138
 nonexperimental case description, 137–138
 nonstandard experiments and research on rare materials, 136–137
 semistandardized experiments, 135–136
 standardized experiments, 135
 Scoping reproducibility, 136
 Seasonal unemployment, 51
 “Seeking parts, looking for wholes,”, 94–99
 Selective reporting, 131
 Selten, Reinhard, 166, 171, 172
 Senior, Nassau William, 42
 Serra, Gerardo, 185
 Shastras, 123
 Sherman Anti-trust Act, 200
 Shubik, Martin, 165
 Silver Party, 200
 Simons, Algie M., 209, 218
 Skelton, Oscar, 223n5
 Smith, Clarence, 219
 Smith, Vernon, 166–168, 170, 172
 Social Democracy Party of America, 199
 Social Democratic Labour Party (*Sociaal Democratische ArbeidersPartij*, SDAP), 45, 46, 47, 48, 49
 Social Democratic Party of America, 199, 203
 Social influence, 82–84, 87, 88
 Social infrastructure, 167–170
 Socialism, 194–198
Socialistische Gids, 46, 54n4, 54n5
 Socialist Labor Party of America, 199, 200, 204
 Socialist Party of America, 195, 198, 199, 204
 Constructivist faction, 206–209
 history of, 199–205
 Impossibilist faction, 206
 platform of, 205–211
 Socialist success, 214
 Socialist Trade and Labor Alliance, 220, 228n39, 228n41
 Sociology of knowledge, 87
 Sombart, Werner, 196
 Space, 185–187
 Spargo, John, 195, 209
 Spitzer, Matthew, 170
 Stabile, Donald, 223n4
 Standardization, 183–185
 Stedman, Seymour, 209
 Sterelny, Kim, 158
 Stewart, Ian G., 94
 Stock market, 27
 Stolper, Wolfgang, 94
 Structural adjustment policy, 48, 49
 Structural unemployment, 50–52, 182
 Stuart, C.A. Verrijn, 43

- Sturdy, Steve, 148–149
Surprise, 6
 in animal experimentation,
 narratives of, 149–151
Suyker, Wim, 30–33, 34–36
Swadeshi (indigenous manufacturing),
 113, 119
Swarajya (self-rule), 113, 119
- Taft, William Howard, 209, 222
Tagore, Abanindranath, 113
Taxation, 119, 120
Taylorism, 44
Technological unemployment, 42, 43,
 44, 46, 53, 54, 54n2, 55n19
Teller, Charlotte, 225n24, 226n27
Temporalization of history, 111
Tension barometers, 48–53, 182
Teulings, Coen, 24–29, 33–36
Thomas, Albert, 45
Thornton, T., 116–117
Tinbergen, Jan, 42, 47–54, 54n5,
 55n13, 55n18–20, 55n22,
 55n23
Tools, 180–183
Total orientation, 61
Trade and Labor Alliance, 200
Trade union movement, 45, 207
Transport orientation, 61, 62
Transport principle, 66, 67
Travel, 6
“Traveling facts” approach, 73–89,
 187
TUTOR, 169
- Unemployment
 cyclical, 49–52
 frictional, 55n21
 permanent, 42–44, 48–49, 51–52,
 54n2
 rationalization of, 43–45, 48, 182
 seasonal, 51
 structural, 50–52, 182
 technological, 42, 43, 44, 46, 53,
 54, 54n2, 55n19
- Union leadership, 197
United States Commission on
 Industrial Relations, 194
Unity Convention, 204
Urick, Lyndall, 45
US National Weather Service, 24
- Value-Based Insurance Design model,
 16
- van der Waerden, Theo, 42, 45–49,
 51, 53, 54, 54n5, 54n7
 rationalization analysis, 45–47
 report, 48
- van Ewijk, Casper, 29
- van Welzenis, Gerard, 32–36
- van Winden, Frans, 170–173
- Variability, 183–185
- Varignon, Pierre, 67
- Varignon frame, 67–68
- Veblen, Thorstein, 194–195, 196
- Veterans Administration, 13
- Vijayaraghavachariar, C., 123
- Village economy, 95
- Violence of social spaces, 119
- Visionary laboratory, 165–167
- Visvesvaraya, M., 123
- von Thünen, Johann Heinrich, 61
- Vos, Hein, 47
- Voting studies, 80
- Wage development, 45
- Walling, William English, 214–215
- Wayland, Julius Augustus, 208
- Webb, Sidney, 196
- Weber, Alfred, 61, 62
- Weber, Max, 62, 67, 68, 118
- Web of Science, 75, 89n1
- Weinstein, James, 223
- Well-being, 181
- Western Federation of Labor, 228n39
- Western Industrial Unionists, 220
- Weydemeyer, Joseph, 197
- White, Henry, 209–210
- Wholes/parts, 6
- Wibaut, Floor, 46

- Willard, Cyrus Field, 224n15
Williams, Arlington, 169
Wilson, Woodrow, 222
Wise, M. Norton, 78–79
Wolff, Harold, 158
Workingmen's Alliance,
 197
Workingmen's Party, 199

*Workshop on Experimental
Economics*, 170
World Bank, 33
World release assessment monitor,
 30–32
Zimbardo, Philip, 82