

---

## Index

- ACER, 345, 348  
Actor-network theory, 52, 60, 87–91, 181, 230, 302n10. *See also* Technology studies; Symmetry principle  
Adas, Michael, 26n3  
Aesthetic modernism. *See* Modernism, as aesthetic theory  
African National Congress, 370  
Agency, 59, 90, 121, 123, 340, 360, 364, 365, 370, 372. *See also* Structure-agency problem  
AIDS movement, 287, 297  
Air Defense Integrated System, 210  
Airports, 162, 164, 190. *See also* Schiphol Airport  
Alder, Ken, 262  
Alternative modernities. *See* Modernity, alternatives/plurality  
Anthropology, 279  
Anti-modern theories, 143, 145, 146, 303, 306. *See also* Postmodernism; Poststructuralism; Postcolonialism  
Architecture, 36, 45. *See also* Modernism  
International Style, 5, 12  
ARPANET, 202, 216–220  
Arthur, Brian, 329  
Automaton, 246  
Bacon, Francis, 2, 6  
Ball, Kirstie, 181  
Ballistic Missile Early Warning System, 212  
Baudrillard, Jean, 44, 57, 176  
Bauman, Zygmunt, 45, 55, 308, 372  
Beck, Ulrich, 83, 84, 170, 196, 268, 308, 331. *See also* Risk society theory of modernity, 42  
Bell, Daniel, 57  
Beniger, James, 58, 205, 206, 207, 208, 209, 220  
Benton, Ted, 304  
Berman, Marshall, 26n2, 37, 103n3  
Berners-Lee, Tim, 203, 204  
Bigelow, Jacob, 7  
Bijker, Wiebe, 59, 61, 92, 328  
“Black box,” 2, 12, 34, 52, 190, 231, 244, 249, 342  
Blühdorn, I., 307  
Bogard, William, 176  
Boisjoly, Roger, 86  
Borgmann, Albert, 74, 98  
Brey, Philip, 186  
Cable and Wireless, 152  
Cailliau, Robert, 203  
Calhoun, Craig, 111, 117, 172  
Callon, Michel, 53, 60  
CAM movement. *See* Complementary and alternative medicine  
Capability approach, 335, 337, 338. *See also* Social capabilities

- Capitalism, 39, 40, 280, 285, 291, 299, 304  
 consumer, 166, 179, 181  
 and environment, 305  
 Carnival, 146, 150  
 Castells, Manuel, 35, 37, 43, 61, 68, 187, 208  
 CERN, 203  
*Challenger* accident, 86, 87  
 Chemical industry, 313, 316–323  
 China, 242, 243  
 Clarke, Adele, 115  
 Clarke, Roger, 168  
 Clinical trials, 289  
 Closed circuit television (CCTV), 170, 171, 178  
 Cockburn, Cynthia, 116  
 Co-construction, 26n7, 95, 163, 173, 176, 186, 189  
 dynamics of, 181, 183, 360, 372  
 of gender-technology-modernity, 123, 124  
 as methodology, 3, 10, 16, 122, 129, 360, 363, 364, 365  
 of modernity and technology, 15, 18, 105, 106, 139, 186, 191, 362, 364, 366, 368, 369  
 Collins, Harry, 86  
 Colonialism, 140, 148  
 Commission on Critical Infrastructure Protection (U.S.), 187  
 Community, 22, 264, 292, 293, 295, 299, 335  
 online, 98, 101  
 Complementary and alternative medicine (CAM), 282–290, 296–297  
 Computer(s)/computerization, 98–100, 163–167, 169, 178, 207  
 and communication, 97–99  
 IBM vs. Apple, 14  
 Constructive technology assessment, 278n15, 365  
 Consumer culture, 39, 124  
 Consumer organizations, 317  
 Consumption, 165, 172, 179  
 Control revolution, 39, 205, 207  
 Cortada, James, 207, 220  
 Cosmopolitanism, 149, 150  
 Counter-productivity theorists, 306.  
*See also* Demodernization  
 Creativity of technology, 229, 232, 251, 253  
 Critical theory, 35, 37, 41, 82, 106–113, 116, 130, 132n8, 176  
 and technology, 56, 119, 120  
 Culbert, Michael, 287  
 Cultural ecology, 280  
 Cultural history, 36  
 Cultural horizon, 342  
 Cultural studies, 36, 46, 99  
 Cultural values, 279, 285, 286, 291  
 Cyberculture, 99, 142, 146, 147, 155, 216, 219  
 Cyborgs, 16, 108, 128, 146  
 Databases, 162, 165, 168, 175, 177, 178  
 Datatech, 346  
 Dataveillance, 167, 168, 170, 172  
 David, Paul, 329  
 De Stijl, 266  
 Deconstruction, 61, 109, 114, 186, 327  
 Delanty, Gerard, 110, 111  
 Democracy, 279, 286, 300, 337  
 deep, 340, 356n11  
 semiotic, 117  
 and technology, 101, 120, 121, 122, 354  
 Democratic rationalization, 103n7  
 Demodernization, 304, 306, 308. *See also* Soft chemistry  
 Derrida, Jacques, 45  
 Design process, 220, 273, 274, 275, 276  
 Development, 11, 328–343, 352–355.  
*See also* Capability approach; POLIS  
 Development frame, 351  
 Device paradigm, 74  
 De-worlding, 96, 97, 98, 99, 101, 102  
 Dickens, Peter, 304, 305  
 Digital convergence, 200  
 Disclosing New Worlds, 93, 94

- Disembedding, 143, 144, 147, 148, 152, 158. *See also* Giddens, Anthony
- Douglas, Susan, 13
- Dreyfus, Hubert, 93
- Durkheim, Emile, 2, 37
- Echelon system, 171
- Ecological modernization, 22, 23, 304, 305, 309, 310, 311, 312, 321, 323, 324, 325
- Ecological reform, 309, 318
- Economics of innovation, 341
- Economy of signs and spaces, 44
- Edwards, Paul, 60
- Electronics industry, 344, 345, 346, 347
- Ellul, Jacques, 8
- Email, 142, 148, 197, 202, 205
- “Enframing,” 8, 93, 96
- Engels, Friedrich, 2, 8
- Enlightenment, 6, 12, 36, 39, 41, 45, 107, 108, 111, 131n2, 332
- Environmental modernization, 321
- Environmental movement, 303, 310, 312, 321, 370
- Environmental risk, 284, 294
- Environmental state, 312
- Erectile dysfunction, 123, 125, 126, 127
- Ericson, Richard, 177
- Erie Canal, 293
- Essentialism, 57, 117, 132n15, 176, 227, 234, 360
- Ethnography, 139, 143, 144, 153, 154
- Everett, Robert, 214, 215
- Everquest, 179
- Evolutionary economics, 368
- Expert systems, 57, 124, 127
- Expositions
- New York (1939), 267
  - Osaka (1903), 238
  - Vienna (1873), 248
- Expressionism, 36
- Feenberg, Andrew, 4, 57, 113, 119, 140, 338, 339, 340
- Feminist theory, 16, 105, 106, 112, 114, 130, 131n1, 145, 360
- Ferguson, Kathy, 114
- Fischer, Claude, 201. *See also* User heuristic
- Flores, Fernando, 93, 102
- Food and Drug Administration, 128
- Ford, Henry, 5, 11, 39. *See also* Post-Fordist economy
- Forrester, Jay, 214, 215
- Forster, E. M., 327
- Foucault, Michel, 12, 13, 39, 79, 178. *See also* Panopticism; Power
- Frankfurt Institute for Social Research, 110
- Fraser, Nancy, 117, 121, 122, 292
- Freedom, 13, 24, 157, 330, 335, 339. *See also* Capability approach; Social capabilities
- French Revolution, 262
- Fuller, Steve, 103n4, 239
- Functionalism, 36, 57, 61, 124, 204, 206, 207
- Futurism. *See* Italian Futurism
- Gemeinschaft*, 292
- Gender, 39, 48, 53, 64, 66, 106, 197
- and modernity, 11, 27n19, 70n3, 108, 120, 129
  - and technology, 105, 106, 109, 115, 117, 120, 129, 130
- Genetic engineering, 12, 368
- Gesellschaft*, 292
- Giddens, Anthony, 37, 39, 42, 45, 56, 57, 141, 167, 195, 308, 363
- Gitelman, Lisa, 13
- Global climate change, 194
- Global modernity, 142, 143, 149, 150, 151, 153, 155, 158
- Globalization, 26n4, 62, 152, 166, 171, 280, 292, 295, 296, 299, 324, 334
- Glocalization, 158, 325
- Governmentality, 178. *See also* Foucault, Michel
- Graham, Stephen, 178

- “Great divide,” 2, 76, 77, 359  
 Grint, Keith, 117  
 Gropius, Walter, 5  
 Ground Observer Corps, 210  
 Guccione, Bob, 123
- Habermas, Jürgen, 4, 8, 13, 36, 41, 45, 56, 80, 81, 82, 83, 110  
 Hacker, Barton, 240  
 Haggerty, Kevin, 177  
 Haraway, Donna, 16, 108, 128  
 Hård, Mikael, 26n6  
 Harootunian, Harry, 29n34  
 Harvey, David, 35, 36, 37, 44, 45, 46, 69  
 Hecht, Gabrielle, 26n7, 199  
 Heidegger, Martin, 8, 56, 57, 93, 98, 328, 331, 339  
 Hermeneutics, 76, 91, 92, 95, 235, 236, 342. *See also* Interpretation  
 Heterogeneity, 35, 45, 139, 141, 363  
 History of technology, 46, 48, 49, 50, 52. *See also* Technology studies  
 Hobday, Michael, 345, 347  
 Hsinchu Science Park, 343, 344, 349, 350  
 Hughes, Thomas, 5, 21, 198, 208, 209, 215, 221, 328  
 Human Genome Project, 127, 368, 369  
 Hybridity, 128, 146, 230, 284, 339, 366  
 Hypersurveillance, 176
- IBM, 211, 361  
 ICQ, 144, 156  
 Identity, 109, 155, 172, 233, 362  
 gender, 11, 122, 123, 197  
 modern, 39, 111, 147, 149, 150, 152, 155, 292, 369  
 national, 146, 150, 159, 199, 235  
 postmodern, 44, 175  
 Ideographic explanation, 113  
 Indonesia, 159, 362  
 Industrial revolution, 6, 29n34, 33, 39  
 Industrial society, 33, 37, 40, 42, 43, 64, 66, 67
- Information  
 infrastructure, 192, 207, 208, 209  
 revolution, 207  
 society, 33, 38, 39, 43, 56, 58, 166, 180  
 technology, 13, 43, 44, 55, 58, 156, 168, 170, 171, 202, 208, 209, 210, 222, 345, 353
- Infrastructural inversion, 192  
 Infrastructure(s), 60, 185–199, 205, 207, 212, 218–223, 363, 366, 368  
 anti-modern aspects, 204  
 definitions of, 186  
 and modernity, 191, 209  
 and nature, 188, 193–195  
 Innovation studies, 368  
 Instrumentalization theory, 95, 98, 104n10, 119  
 Interlevel analysis, 67  
 International Style. *See* Architecture  
 Internet, 83, 98, 100, 162, 171, 179  
 and ethnography, 143  
 Network Working Group, 219  
 and Trinidad, 142–153  
 Interpretation, 51, 91, 92, 93, 99, 114, 117. *See also* Hermeneutics  
 Interpretative flexibility, 94, 227, 228, 230, 231, 234, 235, 244, 342  
 “Iron cage,” 41, 165. *See also* Weber, Max  
 Italian Futurism, 2, 5, 28n28, 266, 363
- James, C.L.R., 141  
 Jameson, Frederick, 44, 45  
 Japan  
 and mechanical clocks, 244–246  
 modernization of, 236–240
- Kellner, Douglas, 27n23, 104n10  
 Kuhn, Thomas, 48, 73, 76, 77, 78  
 Kyoto protocol, 317
- Latour, Bruno, 2, 47, 53, 60, 78, 79, 84–91, 99, 100, 128, 186, 327, 333, 340  
 Law, John, 60, 88

- Le Corbusier, 5  
 Level of abstraction, 56, 63–67  
 Levels of analysis, 116  
*Lifeworld*, 81, 126, 292. *See also*  
     System/lifeworld distinction  
     of technology, 99, 339  
 Light, Andrew, 133n18  
 Load factor, 221  
 Louise, Charlotte, 284  
 Luddites, 259, 260, 261, 264, 272  
 Lyotard, Jean-François, 45, 46  
 Machine tax, 260  
 Macro scale, 197, 204, 206–209,  
     218–223  
 Macro-level analysis, 34, 35, 38, 50,  
     59–63, 66–68  
 Macronix, 350  
 Marcuse, Herbert, 98  
 Marshall, Barb, 162  
 Marx, Gary, 168  
 Marx, Karl, 2, 7–9, 37, 39, 56, 57,  
     73–76, 83, 105  
 Marx, Leo, 11, 27n20  
 Marxist theory, 40, 56  
     and environment, 304, 305  
 Massachusetts Institute of  
     Technology, 7, 211, 367  
 Mayr, Otto, 6  
 Mechanical clock, 241–246  
 Media studies, 13, 156  
 Medical pluralism, 294  
 Medical technology, 280  
 Meiji Restoration (1868), 236,  
     238–240, 244, 249  
 Merton, Robert K., 48  
 Meso level, 35, 50, 68, 186, 197, 198,  
     213, 216–223, 279, 364  
 Methodology, 14, 15, 91, 92, 259,  
     359. *See also* Co-construction;  
     Essentialism; Interpretation; Micro-  
     macro problem; Mutual orientation  
     comparative approach, 154, 155  
 critical theory, 112–115, 119, 121, 130  
 genealogy, 114  
 interlevel analysis, 67, 68  
 multiscalar approach, 186, 215, 218,  
     222, 224  
 Metropolitanism, 142  
 Micro scale, 197, 201–204, 207, 216,  
     218, 222  
 Microelectronics Technology Inc., 350  
 Micro-level analysis, 60, 63, 66  
 Micro-macro problem, 35, 62, 63, 65,  
     116. *See also* Meso level; Structure-  
     agency problem  
 Mies van der Rohe, Ludwig, 5, 12  
 Miller, Daniel, 141  
 Mills, C. Wright, 110, 112  
 Minitel, 100  
 Misa, Thomas, 61, 192, 197, 204, 364  
 Miss Universe competition, 150  
 Modernism. *See also* Architecture  
     as aesthetic theory, 6, 36  
     as ideology of modernity, 45  
 Modernist  
     keywords, 7, 367  
     settlement, 186, 189, 190, 196, 221  
     technology politics, 20, 257, 258,  
     263, 269–273, 332  
 Modernity  
     alternatives/plurality, 20, 29n34, 84,  
     154, 251, 331, 365, 367  
     definitions of, 2, 5, 35, 39, 107, 141,  
     186, 257, 280  
     and gender, 11, 27n19, 70n3, 111  
     “late,” 38, 41, 62, 66, 279, 287, 288  
     and surveillance technologies,  
     163–169  
     and technology, 4, 33  
 Modernity theory/studies, 34–41, 62,  
     69, 89, 141, 147, 153, 186, 222,  
     223, 228, 359, 360  
     treatment of technology, 55–58,  
     73–75, 79, 80, 84, 96, 97, 143, 221  
 Modernization, 6, 19, 20, 37, 42,  
     140, 147, 151, 152, 157, 246, 280,  
     286–294, 298–308, 328, 330, 337,  
     354, 355  
     definitions of, 257, 290  
     in Japan, 228, 236–250  
     theory, 11, 76, 83

- Morgan, Gareth, 112  
 Morris-Suzuki, Tessa, 249  
 Morton Thiokol, 86  
 Mosaic, 204, 219  
 Mumford, Lewis, 6, 8, 241  
 Murata, Junichi, 342  
 Muschamp, Herbert, 5  
 Mutual orientation, 213, 215, 216, 218, 222, 225n11
- Nakaoka, Tetsurou, 238  
 Nanotechnology, 12, 369  
 National Center for Supercomputing Applications (U.S.), 204  
 National innovation systems, 339–343, 352, 354, 347, 351–355, 368  
 NATO Air Defense Ground Environment (NADGE), 212  
 Natural disasters, 195  
 and infrastructures, 193  
 Natural paints, 321. *See also* Demodernization  
 Naturalism, 36  
 Navy Special Devices Center, 215  
 Negotiation spaces, 273  
 Neolithic revolution, 281  
 Netherlands, 263, 270  
 Network society, 166, 174, 180, 210, 220, 222  
 New York World's Fair of 1939, 267  
 NIS. *See* National innovation systems  
 Nishida, Kitaro, 228, 232, 233, 234, 235, 253  
 Nomothetic explanation, 113  
 Nongovernmental organizations (NGOs), 23, 267, 270, 294, 299, 301, 310, 312, 317, 319, 334  
 Nuclear Sarajevo, 213  
 Nuclear waste storage, 195  
 Nussbaum, Martha, 335
- O'Connor, James, 304, 305  
 Objectification, 155  
 Odaka, Konosuke, 249  
 Ogborn, Miles, 7
- Oldenziel, Ruth, 11, 27n19  
 Online education, 98, 100, 101  
 Ontological designing, 102  
 Original equipment manufacturing (OEM), 347, 348  
 Ormrod, Susan, 116  
 Orwell, George, 164, 169  
 Osaka Exposition (1903), 238  
 "Otherness of technology," 229, 230, 232
- Panopticism, 13, 61, 174–176, 204, 210, 221, 222  
 "Parliament of things," 339, 353  
 Path dependence, 24, 329, 351, 353  
 Pavitt, Keith, 322  
 Perry, Matthew C., 236  
 Philosophy of science, 48, 76–79  
 Philosophy of technology, 47, 276n2  
 Pinch, Trevor, 28n25, 59, 86, 92, 328  
 Pluralism, 293  
 POLIS. *See* Positive feedback loop innovation structure  
 Political economy, 279, 291, 296, 298, 299  
 Pornography, 39, 144, 158  
 Positive feedback loop innovation structure (POLIS), 341, 343, 344, 347, 351–355  
 Postcolonialism, 145  
 Poster, Mark, 175, 176  
 Post-Fordist economy, 43, 65  
 Posthumanism, 99, 108, 146  
 Postmodernism, 12, 14, 45, 46, 145, 337  
 definitions of, 44, 131n2  
 and environment, 303, 307  
 and technology, 13  
 Postmodernity, 38, 43, 44, 45, 220, 252  
 definitions of, 44, 45, 107, 165, 173  
 and surveillance, 165, 173–175, 179–182  
 Poststructuralism, 13, 14, 145  
 definitions of, 131n2

- Power, 4, 39, 43, 87, 109, 115, 116, 129, 154, 164, 167, 169, 171, 178, 200, 204, 210, 220, 221, 222, 273, 332, 334, 365
- Premodern societies, 291
- President's Commission on Critical Infrastructure Protection, 219
- Protected entity, 298
- Public participation, 270, 272
- Public understanding, 268
- Purification, 84, 339
- Radder, Hans, 88
- Railroads, 185, 198, 205, 206
- RAND, 217
- Rationality, 5, 8, 75, 77, 85, 95, 145, 284, 333
- bounded, 333
- communicative or social, 41
- ecological, 310
- purposive or instrumental, 41, 56, 57, 73, 74, 81, 82, 92, 96, 110, 119, 126, 228, 238, 244
- Rationalization, 2, 9, 28n33, 40, 56, 64, 66, 73, 76, 79, 80, 81, 102, 124. *See also* Computerization
- Reductionism, 223
- Reflexive modernity/modernization, 21–24, 38, 42, 83, 267–271, 304, 308–310, 331
- Refractive reflexivity, 332, 333
- Regulation, 285, 299
- Reification, 57, 103n2
- Renaissance, 7, 33, 36
- Reproductive sciences, 115
- Resistance, 88–91, 141, 267, 296, 370
- to technology, 258, 259, 263
- Responsible Care, 316
- “Reverse determination,” 228, 233–234, 251, 253
- Risk management, 169, 170, 177
- Risk society, 38, 43, 84, 170, 196, 268, 282, 285, 308, 309, 319, 331, 333. *See also* Beck, Ulrich
- Rochlin, Gene, 190, 220
- Roman aqueducts, 195
- Romanticism, 262, 276, 285
- Rorty, Richard, 45
- Rosen, Paul, 69, 252
- Rosenberg, Nathan, 247, 248
- Rotterdam harbor, 263
- Royal Dutch/Shell Company, 371
- Ruhleder, Karen, 189
- Rule, James, 167
- SAGE (Semi-Automatic Ground Environment), 210, 211, 216
- Said, Edward, 355n4, 370
- Sampo Corporation, 345
- Scales
- of force, 186, 192–194, 220, 222
  - of social organization, 186, 190, 192, 196, 197, 204, 205, 208, 216–223
  - of time, 194
- Schiphol Airport, 1, 21, 25, 269, 271, 272, 362
- Schnaiberg, Allan, 304
- Schumacher, E. F., 268
- Scientific revolution, 6, 76–79
- Sclove, Richard, 53
- Sen, Amartya, 335
- September 11th (2001), 28n28, 162, 168, 169
- Sexual Assault Evidence Kit (SAEK), 120
- Sexual dysfunction, 123, 124
- Sexual technologies, 106, 123–130
- Slater, Don, 122
- Smith, Dorothy, 362
- Social capabilities, 331, 339–343, 351–354. *See also* Capability approach; Freedom
- Social construction of technology (SCOT), 10, 201, 227, 329. *See also* Interpretative flexibility; Micro scale; Stabilization
- Social constructivism, 51, 61, 85, 186, 197, 218, 222, 223
- Social shaping of technology. *See* Technology studies

- Social theory. *See* Modernity theory  
 Social worlds approach, 115  
 Sociology of scientific knowledge, 48  
 Sociotechnical landscape, 366  
 Sociotechnical network, 52  
 Sociotechnology, 47  
 Soft chemistry, 320, 321. *See also*  
     Demodernization  
 Sombart, Werner, 265, 266  
 Sonderweg, 265  
 Sony World, 361  
 South Africa, 370  
 South Korea, 338, 342, 343, 345  
     *chaebol*, 347  
 Space of flows, 187  
 Spinoza, Charles, 93  
 Stabilization, 52, 53, 252, 329  
 Standpoint epistemologies, 134n25  
 Star, Leigh, 189  
 Staudenmaier, John, 47, 49  
 Strategic Air Command, 212  
 Structuration, 195. *See also* Giddens,  
     Anthony  
 Structure-agency problem, 62, 111,  
     116. *See also* Micro-macro problem  
 STS. *See* Technology studies  
 Subpolitics, 290, 312. *See also* Beck,  
     Ulrich  
 Surrealism, 36  
 Surveillance technologies, 162, 163,  
     172, 174, 177, 202, 204, 219. *See*  
     also Closed circuit television;  
     Dataveillance; Hypersurveillance  
     and modernity, 33, 42, 161  
     and postmodernity, 165, 166,  
     179–181  
     and surveillant assemblage,  
     162, 172  
 Sustainability, 281, 307  
 Suzuki, Jun, 249  
 Swift, Jonathan, 327  
 Symmetry principle, 74, 85, 88, 89,  
     100, 230. *See also* Actor-network  
     theory  
 System/lifeworld distinction, 4, 41,  
     81–83, 92, 111, 116–122, 126,  
     129, 130, 132n14, 135n31. *See also*  
     Lifeworld  
 Taiwan, 338, 342–355  
 Taiwan Semiconductor  
     Manufacturing Corp., 350  
 Tanaka, Hisashige, 246  
 Tatung, 345, 347  
 Taylor, Frederick, 5, 165  
 Technical code, 119, 353  
 Technological determinism, 9, 28n24,  
     50, 57, 58, 61, 71n17, 123, 129,  
     183, 231, 237, 245, 248, 338, 340.  
     *See also* TINA  
     and postmodernism, 13  
 Technological enthusiasm, 267  
 Technological failure, 190  
 Technological fundamentalism, 6  
 Technological modernism, 368, 369  
 Technological shaping of society, 10, 52  
 Technological systems, 3, 4, 12, 18,  
     47, 185, 196, 198, 201, 328, 329,  
     335, 351  
 Technology  
     alternative, 20, 96, 101, 268, 296,  
     300, 321  
     definitions of, 7, 185, 266, 279  
     iconic character, 367  
     modern, 12, 33, 39, 56, 96,  
     227–229, 240, 245, 250, 251, 253,  
     266, 362  
     traditional, 244–247, 250–253  
 Technology studies, 8, 14, 15, 19,  
     33–35, 46–50, 53, 54, 62, 105,  
     107, 113, 116, 130, 140, 186, 197,  
     201, 222, 227, 228, 283, 294, 359,  
     360, 365. *See also* Actor network  
     theory; History of technology  
     momentum, 198, 221  
     pluralism, 293, 294, 296  
     regime, 353, 357n17  
     theoretical claims, 50, 79  
     treatment of modernity, 58, 59, 62, 73  
     user heuristic, 201, 202, 232  
     variation and selection model, 51  
 Tenner, Edward, 193, 232

- “Terminal subject,” 98, 101
- Theories of modernity. *See* Modernity theory/studies
- Throwaway society, 319
- TINA (“There Is No Alternative”), 371
- Totalitarianism, 164
- Touraine, Alain, 55
- Trinidad, 141, 142, 146, 148–159
  - and Internet, 142, 144
  - and “virtuality,” 145
- Turkle, Sherry, 14, 53, 99
- Ullrich, Otto, 306
- United Fiber Optic Communications Inc., 350
- United Microelectronic Corporation, 345
- Universalism, 285, 286, 289
- Usenet, 202
- User heuristic, 201, 202, 232
- Utilitarianism, 335
- Van Doesburg, Theo, 266
- Van Lente, Dick, 367
- Venezuela, 149
- Venturi, Robert, 12
- Viagra, 123, 124, 127
- Vienna exposition (1873), 248
- Virtual/virtuality, 143, 144, 145
  - communities, 203, 204
  - infrastructures, 220
- Wagner, Peter, 37
- Wajcman, Judy, 53, 105, 129, 183
- Weber, Max, 2, 8, 37, 40, 80, 166
- Westmoreland, William, 212
- Whirlwind, 214, 215
- Williams, Raymond, 7
- Winbond Electronics Corp., 350
- Winner, Langdon, 28n25, 53, 191, 275, 365
- Winograd, Terry, 102
- Woolgar, Steve, 117
- World Trade Center, 28n28, 162
- World Wide Military Command Control System (WWMCCS), 212