ABC, 180, 242
Abortion, 166–168
Abraham, 126
Abrams, Robert, 99
Absolute. See Loss of the absolute
Abstract Expressionism, 201
Abstraction, 60–61
Absurdity, 134–135, 140
Acapulco, 182
Actuarial tables, 144–145
Adaptation, 234–235
Addiction
consumer, 43
drug or alcohol, 132
Adler, Alfred, 85
Adorno, Theodor, 37, 76
Advertisements
art and, 173
multitasking with, 224–225
non-actors in, 65
self-reference in, 212
structuralism and, 112
Aeschylus, 123
Against Interpretation (Sontag), 186
Agatharcus, 281
Aglionby, William, 276
Air travel, 181
Akutagawa, Ryunosuke, 188
Alexander the Great, 281–282
Algebra, 60, 91
Algorithms, 235–236
Alhazen, 281
Alienation
and belonging, 84–86
Marx on, 20
1960s as outgrowth of, 169–170
religion and, 270
Alm, Richard, 12
Altruism, 156–157
American Dime Museum, Baltimore, 225
American Graffiti (film), 204
Amish, 72–73
Amnesty International, 170
Amputation, 227
Analog–digital distinction, 65–66
Ankebuta, 280
Anthropology, 106, 109–111
Antigonus, 280
Antiwar movement, 175
Anxiety
choice and, 2–4, 297–298
defenses against, 6
dread and, 135–136
“Anything goes” principle, 204
Aphasia, 109
Apocalypse Now (film), 212
Appignanesi, Richard, 68, 195
Applewhite, Marshall, 245
Approval voting, 98
Arbitraryness of signs, 106
Arc de Triomphe, Paris, 216
Archimedes, 285
Architecture, postmodernist, 201, 204–205, 210–213, 215–216
Aristophanes, 280
Armani, Giorgio, 215
Arrow, Kenneth, 98–100, 264
Art. See also Architecture, postmodernist
abstraction in, 60
form versus content in, 282–283
media and, 173
modernist, 56–60, 81–83, 198–199, 205
in 1960s, 171–174
postmodernist, 201, 279
quotation in, 278–279
representation of reality in, 56–60, 281
science versus, 5, 247
subjectivity in, 56–60
Arthur, Brian, 77
Artificial intelligence (AI), 228, 235–239
Assembly line, 16, 199
Association for Computing Machinery (ACM), 92
AT&T Building, New York (Johnson), 205
Athletes, 188, 217–219
Athletic clothing, 217–219, 289–290
Atre, Jatin, 42
Auden, W. H., 139
Augustine, Saint, 72, 124
Authenticity
born agains and, 72–73
consumer goods and, 68–69
in education, 73–74
existentialism and, 128–129
fantasy and, 70–71
insincerity and, 69–70
living with, 128–129
virginity and, 71–72
in workplace, 73
Author, death of the, 108–109, 207
Automobiles, 165, 175
Avant-garde, 171–172, 186, 195–196, 198
Axelrod, Robert, 162–163, 254, 265
Bad faith, 69, 130–132, 137
Baire, René-Louis, 55
Bairoch, Paul, 15
Banzhaf, John, 96
Barnes, Hazel, 130
Barthes, Roland, 64, 108, 207
Baudelaire, Charles, 59, 198–199
Baudrillard, Jean, 63, 67, 70, 201, 207–208, 243
Bayes’s theorem, 153
Beatles, 174, 216
Beats, 170
Beauvoir, Simone de, 130
Beer, 293
Beerbohm, Max, 180
Being, 128, 130, 137
Being and Nothingness (Sartre), 130, 133
Being There (film), 128
Bell, Daniel, 33, 75, 80–84, 95, 160, 295
Bell, John, 190–192
Belonging, need for, 84–86, 141, 164–165
Benedict, Ruth, 117
Bentham, Jeremy, 123, 160
Bernstein, Peter L., 143–145, 150–151
Big Brother (television show), 208
Binary alphabet
digital coding with, 65
structuralism and, 110–112
Binmore, Ken, 133
Bloch, Ernst, 203
Bobos in Paradise (Brooks), 81
Boccioni, Umberto, 58
Body decoration, 227
Bohm, David, 190
Bohr, Niels, 7, 52–53
Bolyai, Farkas, 54
Bookstores, 292
Boorstin, Daniel, 19, 280
Borel, Émile, 55
Born, Max, 118
Born agains, 72–73
Bourgeois bohemians, 81
Boutiques, 86–87, 293
Brams, Steven, 98
Brandenburger, Adam, 158
Brand names, 68, 183, 185, 293. See also Designer labels
Brando, Marlon, 220
Braque, Georges, 57, 60
Bread and circuses, 37
Breathless (film), 204
Broda, Christian, 8
Brooks, David, 81
The Brothers Karamazov, 35
Brouwer, L. E. J., 55
Brownian motion, 234
Brunetière, Ferdinand, 24
Brustein, Robert, 175
Brzezinski, Zbigniew, 269
Büchner, Ludwig, 22
Budweiser, 67
Burks, Arthur W., 232
Burros, Marian, 201
Bush, George H. W., 185
Bush, George W., 97, 185
Business process reengineering, 89
Cabaret Voltaire, Zurich, 173
Cable television, 41
crawl and, 225
Cage, John, 174, 201
Calculus, 91
Camera Lucida (Barthes), 64
Camp, 185–186
Campbell, Roy H., 184
Camus, Albert, 85, 134–135, 140
Canon of classic works, 251–252
Cantor, Georg, 54–55, 230
Capa, Robert, 66
Capitalism
and freedom from tradition, 81
greed as essential to, 81–83
Holland in 17th century, 277
industrial versus postindustrial, 223–224
modernism and, 80–84
post–Cold War, 163–164
Capra, Fritjof, 271–272
Career changes, 38–39, 294
Carr, Caleb, 202
Carter, Angela, 216
Catholic Church, 21, 22, 24, 175
Causality
historical, 7–8, 301
long-distance, 191
Cave paintings, Lascaux, 60
Certainty premium, 147
Cézanne, Paul, 57, 60
Chadwick, Owen, 17, 18, 19, 21, 23
Channel flipping, 181
Chaos theory, 233–234
Charm premium, 182–184
Choice. See also Decision making;
Decisions
analysis of, 1–2
burdens of, 4, 251
careers and, 38–39, 170
complexity of, 2–3
freedom and, ix–x
historical causality and concept of, 7–8, 301
inversion of, 40–42, 79, 210
locus of control and, 39
meta-management of, 33–35
modernity defined by, ix, 13, 82–83
opting out of, 125
personal, 297–298
in previous times, 4
problems arising from, 40–44, 297–298
psychological defenses against, 6, 136–137
Choice (cont.)
significance of, ix–xi, 1, 5, 75, 167, 299–300
softening of, 6, 52, 296
sources of, x–xi
too much, 40–44
vicious spiral of, 32–33
Chomsky, Noam, 106
Christianity, 121, 124. See also Catholic Church
Christmas, 242
Civilizations, clash of, 269–271
Civil rights movement, 170, 175
Clash of civilizations, 269–271
Class
collapsing divisions of, 181–187
hippie movement and, 216–217
life choices and, 253–255
Classics, 187–188, 222, 290. See also Tradition
Classification, 109–110
Clinton, Bill, 69, 164, 185, 227, 268, 273
Clinton, Hillary, 164
Cloning, 227–228, 280
Clothing, 112, 176, 216–219, 289–290
CNN, 243
Coach, 185
Coca-Cola, 67, 290
Coffee bars, 219
Collective good
individual versus, 156–166, 260–262, 267–268
product availability and, 8
The Coming of Post-Industrial Society (Bell), 80
Commitment, 265–266
Communication
ambiguity in, 113–114
Saussurian linguistics, 105–109
Communism, 12, 163–164
Community, U.S. versus European attitudes toward, 165. See also Collective good; Public goods
Companionship
choice of, 137–138
marriage and divorce, 294–295, 298
Complementarity, 52–53
Complex adaptive systems, 234–235
Complex problems, decision making and, 46–47
Compromise, avoidance of, 9
Computer games, 188, 232
Computers
artificial intelligence, 235–239
binary alphabet and, 110
criticisms of, 248–250
eyearly, 92
infinite loops, 230, 231
medium privileged over subject, 32
programming, 231–232
simulation using, 94, 234–235
speed of technological progress, 244
Turing machine, 230
Comte, Auguste, 245
The Condition of Postmodernity (Harvey), 205–206
Confucianism, 271–272
Conspicuous consumption, 253–255, 258–261, 267–277
Constrained optimization, 101–103
Constraints, value of, 298
Consumer debt, 80
Consumerism. See also Products; Shopping
architecture and, 211
conspicuous consumption, 253–255, 258–261, 276–277
and counterculture, 175
criticism of, 11
debt of consumers, 80
depression and, 251
frames of reference for decision making, 151
Holland in 17th century, 276
insatiability of, 43
malls and boutiques, 86–87, 293
mass consumption, 82
modernism engulfed by, 83
as social trap, 158
Control
decision making and, 151
loss of, in contemporary life, 32–35
scientific progress and, 197
Conway, John Horton, 232
Cooper, Douglas, 57
Cooperation, prisoner’s dilemma and,
157–158, 162–163
Coppola, Francis Ford, 212
Cornell University Center for the Performing Arts, Ithaca, New York
(Stirling and Wilford), 213
Correlation, concept of, 7–8, 301
Courbet, Gustave, 198
Cours de linguistique générale (Saus-
sure), 105
Cox, W. Michael, 12
Creationism, 23
Crick, Francis, 232
Crime, 274
Cul ticism, cultural, 75–79, 186
Cross, as symbol of choice, 125
Cubism, 57–59
The Cultural Contradictions of Capital-
is m (Bell), 80
Cultural relativism. See also Loss of the absolute
anthropology and, 110
art and, 171–172
frames of reference and, 52
and inclusion, 51–52
interpretations of, 51–52
and subjectivity, 51
toleration and rise of, 18
Culture
ancient Greece as predecessor, 278–286
high and low (see High–low culture)
postindustrial society, 80–84
Culture industry, 37–38, 78–79, 181
Customer satisfaction, 41
Cybernetics, 110
Cycle times, 175, 188, 253, 295, 296,
299
Czigler, Martin, 227
Dada, 171, 173–174, 279
Dancing, rock-and-roll, 175
Dandyism, 185
Dantzig, George, 90, 93
Darwin, Charles, 17, 22–23
Dating, 130–132, 137–138
Davis, Stan, 294
Death. See also Life expectancy
actuarial tables and, 144–145
existential psychotherapy and, 135–136
“Death of the author,” 108–109, 207
Decision making, 89–103
complex problems, 46–47
in dynamic circumstances, 95–100
fairness incentives and, 100–101
future constraints, 101–103
game theory, 95–100
management, 90–95
optimization and, 90–91, 94–95
personal, 297–298
risk and, 147–154
tree models, 47–48, 152
Decisions
as killing, 2
reversibility of, 43
Decision science. See Management science
Declaration of Independence, 18, 160
Deconstruction, 108–109
Le déjeuner sur l’herbe (Manet), 59,
198
Delaunay, Robert, 57
Delayed gratification, 79–80, 253–255,
296
Democracy, in ancient Greece, 122–123
Depression, psychological, 250–251
De Vries, Jan, 276
Dewey, John, 279, 283
Diachronic analysis, 108
Diana, Princess of Wales, 243
Differences, 107
Digital–analog distinction, 65–66
Diogenes, 123
Discretionary income
historical growth of, 12
shopping and, 32
Discretionary time
consumerism and, 32
dangers of, 140
historical growth of, 12
Diseases, 11
Disney Corporation, 212, 242
Disney World, 242
Disrespect, 69
Diversity and unity, 290–293
Division of labor, 199
Divorce, 294–295, 298
DNA, 232–233
Doctorow, E. L., 202
Dostoevsky, Fyodor, 24, 29, 35–37, 85
Draper, John William, 22
Dread, 135–136
Drugs, 132, 176
Dualism. See Oppositions
Durkheim, Émile, 17, 83
Dutch golden age, 275–278
Easterbrook, Gregg, 250–251
Eastern philosophy, 271–273
Eco, Umberto, 63, 112, 217
Economic theory
egoism in, 264–269
“invisible hand,” 158–161, 258, 261–264
scientific theories as models for, 77
Edgeworth, Francis Y., 264, 265
Ed Sullivan Show (television), 174
Education
canonical and pluralism, 251–252
choices increased in, 294
consumer model of, 41–42
degree-awarding in, 73–74
exclusivity in, 293
management and decision making as
subjects in, 89–90
school choice, 295–296
specialization in, 200, 210
student attitudes, 41–42, 79–80
Egoism, 160, 263–269
Einstein, Albert, 27, 51–52, 54, 133, 190, 192
Electoral college system, 96–98
Electricity, 26–27
Eliot, T. S., 221
Elizabeth II, 174
Ellsberg, Daniel, 149
Ellsberg paradox, 148–149
Empiricism, 109–110
Endowment effect, 150
Enlightenment, 17–18, 21, 199, 291
Entertainment
culture ruled by, 242–243
network news devoted to, 180
television and, 181
Epicurus, 123
Epimenides paradox, 230
EPR paradox, 190–192
ER (television show), 66
Erikson, Erik, 141
Eros and Civilization (Marcuse), 78
Essence, 126
EST, 137
Euclid, 54, 285
Euphemisms, 73
Europe
attitudes toward community in, 165
modern conveniences in, 12–13
Everett, Hugh, III, 49–50, 119
Evolution, 22–23, 105, 116
Exclusion. See also Alienation
choice and, 3, 13, 52, 86, 293
identification and, 87–88
malls and, 86–87
quantum theory and, 52
U.S. penchant for, 165–166
Existentialism
Camus and, 134–135
choice as fundamental to, 130
definition of, 126
existence versus essence, 126
Heidegger and, 128–129
main proponents of, 126–129
needs and, 141–142
Nietzsche and, 25–26
psychotherapy and, 135–141
and religion, 133
responsibility and, 135–141
Sartre and, 129–134
Existential Psychotherapy (Yalom), 135
Expected utility theory, 147–148
Factuality
definition of, 64
ordinary life and, 67–71
paradigm of, 66
photography and, 64, 66
Rashomon and challenging of, 188–190
Fairness, incentives for, 100–101
Falklands conflict, 243
Familiarity. See Tradition
Fantasy, 70–71
Farber, Leslie, 139
Farish, William, 245
Fauvism, 57, 58–59
The Feminine Mystique (Friedan), 170
Fermat, Pierre de, 144
Fertility, choice and, 253–255
Feuerbach, Ludwig, 22
Feynman, Richard, 51, 54–55
Films
authenticity and imitation in, 187–190
independent, 292
postmodernist, 201–202, 204
short runs of, 225
Finance. See also Money
decision science and, 93
risk analysis and, 151
Fishburn, Peter, 98
Flexibility, 293–297
The Flies (Sartre), 140
Food
artificiality of, 244
and choice, 219–220
familiarity balanced with novelty, 289
postmodernism and, 219–220
Force and Matter (Büchner), 22
Ford, Henry, 16, 199, 205, 245–246
Form versus content, 282–283
Foster, Hal, 207
Frames of reference
relativity and, 52
for risk analysis, 149–151
Frank, Robert, 11, 151, 158, 182, 258–262, 269
Frankfurt School, 38, 76, 78, 181, 184, 282
Frankl, Victor, 140
Freedom
ancient concepts of, 121–124
anxiety of, 125
capitalism and modernism rooted in, 81
Freedom (cont.)
  choice and, ix–x
Christianity and, 124
and constraint, 125
as end versus as means, 19
existential psychotherapy and, 136–137
“The Grand Inquisitor,” 35–37
liberalism and, 18–19
1960s and, 169, 174–177
Sartre on, 132
Freedom (Patterson), 121
Free markets
ideology of, 160
“invisible hand” theory and, 159
principles of, 265
pros and cons of, 161, 163–164, 258, 264–268
Free will
artificial intelligence and, 236–239
change and, 139
existentialism and, 133
Freud on, 136
Nietzsche on, 25, 136
Pirsig on, 115–116
scientific materialism and, 23
Freud, Sigmund, 76, 77, 78, 127, 136
Friedan, Betty, 170
Friedenn, Marv, 282
Fromm, Erich, 125
Frost, Robert, 7
The Fugitive (television show and film), 187
Fukuyama, Francis, 269
Fundamentalism, religious, 270
Fusion cooking, 220
Futurism, 57, 58
Galbraith, John Kenneth, 11
Galileo Galilei, 55
Galton, Francis, 133
Game theory
origins of, 77, 95
political elections and, 96–100
prisoner’s dilemma, 157–158, 162–163, 266
Gardner, John, 136
Garratt, Chris, 195
Gauguin, Paul, 57, 59
Gell-Mann, Murray, 50, 119, 190–192, 233, 291
Genetic algorithms, 235
Genetic engineering, 228
Geometry, 54
George, Henry, 11
Gibbard, Alan, 100
Gibson, William, 244
Glass, Philip, 201
Globalization
clash of cultures, 269–271
local character versus, 209–210
God, 16, 21, 22, 25, 127
Godard, Jean-Luc, 201, 204
Gödel, Kurt, 56, 192, 229–230
Gorgias (Plato), 123
Government regulation, 159–160
Grade inflation, 74, 80
“The Grand Inquisitor,” 35–37
Gratification, instant versus delayed, 79–80, 253–255, 296
Graunt, John, 144–145
Greece
freedom in, 122–123
golden age of, 278–286
Greed
capitalism motivated by, 81–83
collective good harmed by, 156
and “invisible hand” economics, 158–161, 261–264
prisoner’s dilemma and, 157–158
Greenberg, Clement, 180, 198, 282
Groups
individual balanced against, 164–166, 272
individuals versus, 155–168, 258–274
<table>
<thead>
<tr>
<th>Index</th>
<th>319</th>
</tr>
</thead>
<tbody>
<tr>
<td>“invisible hand” economics, 158–161, 258, 261–264</td>
<td></td>
</tr>
<tr>
<td>social traps, 156–158, 259</td>
<td></td>
</tr>
<tr>
<td>Guilt, 138–139</td>
<td></td>
</tr>
<tr>
<td>Gulf War (1991), 243</td>
<td></td>
</tr>
<tr>
<td>Habermas, Jürgen, 198, 201</td>
<td></td>
</tr>
<tr>
<td>Hadamard, Jacques-Salomon, 55, 133</td>
<td></td>
</tr>
<tr>
<td>Haeckel, Ernst, 22</td>
<td></td>
</tr>
<tr>
<td>Hahn, Frank, 264</td>
<td></td>
</tr>
<tr>
<td>Halberstam, David, 170</td>
<td></td>
</tr>
<tr>
<td>Hall, Stuart, 216</td>
<td></td>
</tr>
<tr>
<td>Halley, Edmund, 144–145</td>
<td></td>
</tr>
<tr>
<td>Hamilton, Richard, 173</td>
<td></td>
</tr>
<tr>
<td>Happiness</td>
<td></td>
</tr>
<tr>
<td>choice and, 42–44</td>
<td></td>
</tr>
<tr>
<td>consumption and, 259–260</td>
<td></td>
</tr>
<tr>
<td>Hardin, Garrett, 156</td>
<td></td>
</tr>
<tr>
<td>Hartford, Huntington, 182</td>
<td></td>
</tr>
<tr>
<td>Harvey, David, 205–206</td>
<td></td>
</tr>
<tr>
<td>Hawking, Stephen, 118</td>
<td></td>
</tr>
<tr>
<td>Health care, 32–33, 296</td>
<td></td>
</tr>
<tr>
<td>Health clubs, 217–219</td>
<td></td>
</tr>
<tr>
<td>Health coverage, universal, 164</td>
<td></td>
</tr>
<tr>
<td>Heaven's Gate cult, 245</td>
<td></td>
</tr>
<tr>
<td>Hegel, G. W. F., 197, 283</td>
<td></td>
</tr>
<tr>
<td>Heidegger, Martin, 128–129, 138</td>
<td></td>
</tr>
<tr>
<td>Heisenberg uncertainty principle, 48, 52</td>
<td></td>
</tr>
<tr>
<td>Henry, Patrick, 167</td>
<td></td>
</tr>
<tr>
<td>Heraclitus, 272</td>
<td></td>
</tr>
<tr>
<td>Hierarchy of needs, 141–142</td>
<td></td>
</tr>
<tr>
<td>High–low culture</td>
<td></td>
</tr>
<tr>
<td>blurring of, 76, 175, 183–187</td>
<td></td>
</tr>
<tr>
<td>class distinctions and, 181–187</td>
<td></td>
</tr>
<tr>
<td>classics and imitations, 187–188</td>
<td></td>
</tr>
<tr>
<td>in 1960s, 173–176</td>
<td></td>
</tr>
<tr>
<td>postmodernism and, 210, 211</td>
<td></td>
</tr>
<tr>
<td>vulgarity triumphant, 179–183</td>
<td></td>
</tr>
<tr>
<td>Hilbert, David, 55–56, 229</td>
<td></td>
</tr>
<tr>
<td>Hilton hotels, 293</td>
<td></td>
</tr>
<tr>
<td>Hippie movement, 176, 216–217</td>
<td></td>
</tr>
<tr>
<td>Hirst, Damien, 171</td>
<td></td>
</tr>
<tr>
<td>History. See also Tradition</td>
<td></td>
</tr>
<tr>
<td>causality in, 7–8, 301</td>
<td></td>
</tr>
<tr>
<td>cycles of, 283–286</td>
<td></td>
</tr>
<tr>
<td>historiography in 19th century, 23–24</td>
<td></td>
</tr>
<tr>
<td>nature of, x</td>
<td></td>
</tr>
<tr>
<td>postmodernist view of, 201–203, 211, 243–244, 283</td>
<td></td>
</tr>
<tr>
<td>Hobbes, Thomas, 145</td>
<td></td>
</tr>
<tr>
<td>Hofstadter, Douglas, 230, 237</td>
<td></td>
</tr>
<tr>
<td>Holland, 275–278</td>
<td></td>
</tr>
<tr>
<td>Holland, John, 235</td>
<td></td>
</tr>
<tr>
<td>L’homme machine (La Mettrie), 239</td>
<td></td>
</tr>
<tr>
<td>Homogeneity, 290–293</td>
<td></td>
</tr>
<tr>
<td>Hong Kong, 273</td>
<td></td>
</tr>
<tr>
<td>Horkheimer, Max, 76</td>
<td></td>
</tr>
<tr>
<td>Hughes, Robert, 58, 171–173, 198</td>
<td></td>
</tr>
<tr>
<td>Humanities</td>
<td></td>
</tr>
<tr>
<td>canon of classics, 251–252</td>
<td></td>
</tr>
<tr>
<td>resurgence of, 247–248</td>
<td></td>
</tr>
<tr>
<td>science versus, 5, 247</td>
<td></td>
</tr>
<tr>
<td>Huntington, Samuel, 269–271, 291</td>
<td></td>
</tr>
<tr>
<td>Husserl, Edmund, 128</td>
<td></td>
</tr>
<tr>
<td>Huygens, Christiaan, 53</td>
<td></td>
</tr>
<tr>
<td>Hyperreality, 63–67, 72, 202, 208, 248</td>
<td></td>
</tr>
<tr>
<td>IBM, 223, 231</td>
<td></td>
</tr>
<tr>
<td>Identification. See Belonging; Personal identity</td>
<td></td>
</tr>
<tr>
<td>Images, facticity of, 66</td>
<td></td>
</tr>
<tr>
<td>Imitation. See also Simulacrum</td>
<td></td>
</tr>
<tr>
<td>of classics, 187–188</td>
<td></td>
</tr>
<tr>
<td>of consumer products, 68–69</td>
<td></td>
</tr>
<tr>
<td>of fiction, 70</td>
<td></td>
</tr>
<tr>
<td>Immigration, 252–253</td>
<td></td>
</tr>
<tr>
<td>Impressionism, 56–57, 59</td>
<td></td>
</tr>
<tr>
<td>“In a Bush” (Akutagawa), 188</td>
<td></td>
</tr>
<tr>
<td>Inclusion. See also Belonging</td>
<td></td>
</tr>
<tr>
<td>choice and, 3, 13, 86, 293</td>
<td></td>
</tr>
<tr>
<td>cultural relativism and, 51–52</td>
<td></td>
</tr>
<tr>
<td>identification and, 87–88</td>
<td></td>
</tr>
<tr>
<td>malls and, 86–87</td>
<td></td>
</tr>
<tr>
<td>quantum theory and, 52</td>
<td></td>
</tr>
</tbody>
</table>
Income. See Discretionary income
Incompleteness theorem, 56, 192, 229–230
Inconspicuous consumption, 259–260
Individuals and individualism
alienation and, 85
in ancient Greece, 279–280
capitalism and modernism rooted in, 81
cultural differences regarding, 271–273
depression, 250–251
egoism in economics, 264–269
egoistic behavior, 263
groups versus, 155–168, 258–274
individual versus collective good, 156–166, 260–262, 267–268
liberalism and, 160
literature and philosophy of 19th century on, 24–26
private versus public, 207–209
Industrial society. See also Postindustrial society
capitalism in, 223
choice grounded in developments of, 10–29
growth in, 15–16
liberalism, 18–19
literature and philosophy, 24–26
Marx and, 20–21
science–religion gap, 22–24
secularization, 16–18
social changes in, 16, 19
standard of living, 10–13
Infinite, 54–55
Infinite loops, in computer programs, 230, 231
Information age, advent of, 31–32
Information theory, 110
Insincerity, 69
Instant gratification, 79–80, 224, 253–255, 296
Insurance, 145, 161
Integer programming, 91
International relations, 270–271

Invention, 15
Inversion of choice, 40–42, 79, 112, 210, 251
“Invisible hand” economic theory, 158–161, 258, 261–264
Irrational numbers, 55
Iyengar, Sheena, 42
Jacobs, Jane, 211
Jaeger, Werner, 125
Jakobson, Roman, 109
Jameson, Frederic, 201–204, 207, 210
Jefferson, Thomas, 18, 160
Jencks, Charles, 210–213
Jesus, 24, 35–37, 124
Jet set, 181
Job titles, 73
Johns, Jasper, 173
Johnson, Barbara, 108
Johnson, Philip, 204–205
Joyce, James, 201
Jung, C. G., xii
Just-in-time manufacturing, 294
“Just What Is It That Makes Today’s Homes So Different, So Appealing?” (Hamilton), 173
Kahneman, Daniel, 148, 149
Kalakota, Ravi, 40
Kant, Immanuel, 198, 268
Katz, Elihu, 42
Kaufmann, Walter, 127, 130
Kennedy, Paul, 15
Kepel, Gilles, 270
Kierkegaard, Søren, 3, 29, 126–127, 133, 134–135, 154, 239
Klein, Yves, 174
Kroll, Lucien, 211
Kurosawa, Akira, 187–190

Lady Chatterley’s Lover (Lawrence), 170
Laënnec, René, 245
Lake Wobegon effect, 151
La Mettrie, Julien Offroy de, 239
Lane, Robert E., 251
Language
abortion issue and, 167
nonverbal thought, 132–133
Saussure on, 105–109
Langue, 106
Lascaux cave paintings, 60
Lasker, Edward, xi–xii
Learning from Las Vegas (Venturi), 201
Lebergott, Stanley, 11, 12
Lebesgue, Henri-León, 55
Lepper, Mark, 42
Levenson, Edgar, 65
Levine, Lawrence, 251–253
Lévi-Strauss, Claude, 109–112, 282
Liberalism, 160
Libertarians, 86
Liberty. See Freedom
Lichtenstein, Roy, 173
Life
constraints on, 102–103
as supreme value, 167
“Life” (computer game), 232
Life choices, 9, 39–40, 50, 294–295
Life cycles, 50, 204, 220–221, 223–225, 294. See also Cycle times
Life expectancy, 11, 102, 145–146
Life insurance, 145
The Life of Jesus (Renan), 24
Light, 27, 52–53
Lila (Pirsig), 115
Linear algebra, 91
Linear programming (LP), 90–93
Lingerie, 41
Linguistics, 5, 105–109
Literary criticism, 108–109, 210
Literature
“death of the author,” 108, 207
deconstruction and, 108–109
modernist, 81–83
postmodernist, 201–202
Lobachevsky, Nikolay Ivanovich, 54
Local versus global, 209–210
Locke, John, 121, 160, 268
Locus of control, 39
Lodge, David, 112
Lorentz, H. A., 27, 52
Loss aversion, 150
Loss of the absolute. See also Cultural relativism
era of choice grounded in, 10, 13, 28–29
literary criticism and, 109
modernism and, 82–83
physics and, 192
secularism and, 16–18
Louvre Museum, 172
Luhmann, Niklas, 199
Macdonald, Dwight, 170, 180, 183
Magnetism, 26–27
Malls, 86–87
Management
of complicated lives, 32–35
computer versus human, 248–249
Management science
birth of, 89–93
fairness incentives, 100–101
risk analysis in, 152–154
successes of, 93–95
Mandalay Bay, Las Vegas, 293
Manet, Édouard, 59, 198
Many-worlds theory, 49–50, 119, 192
Manzoni, Piero, 174
Marcus Aurelius, 124
Marcus, Herbert, 75–79, 83
Marie Antoinette, 37
Marlboro Man, 112
Marriage, 294–295, 298
Marx, Groucho, 86, 88
Marx, Karl, 20–21, 76, 78, 85, 127
Maslow, Abraham, 139, 141–142
Mass consumption, 82
Mass culture. See High–low culture
Masses, historiography and, 23–24
Mass production, 16
Masters of the Universe, 123
Materialism, scientific, 22–24
Mathematics
 abstraction in, 60
 axiom of choice, 55
 discrete versus continuous in, 65–66
 ERP paradox, 191
 incompleteness and unsolvability in, 229–230
 objectivity challenged by, 53–56
 optimization and, 91–92
 recursion in, 230–231
 risk management and, 143
 Russell’s paradox, 85–86
 self-reference and, 229–232
 Matisse, Henri, 58–59
 Maxwell, James Clerk, 26–27, 127
 May, Rollo, 135–136, 139
 Mazes, decision making and, 45–48
 McCarthy, Joseph, 170
 McDonald’s, 128, 185
 McEvilley, Thomas, 38, 278–286
 McLuhan, Marshall, 32, 181
 McRobbie, Angela, 216–217
 Mead, Margaret, 117
 Meaninglessness, 140
 Means/ends reversals
 in contemporary life, 32–33
 freedom and, 19
 Media. See also Films; Television
 art and, 173
 chaotic character of, 79
 history as treated in, 202–203
 reality and, 64–67
 Medical care, 32–33, 296
 Metaphors, 107
 Metonymy, 107
 Metropolitan Museum of Art, 172
 Meyer, Christopher, 294
 Michelson, Albert A., 27
 Microsoft, 223
 Mies van der Rohe, Ludwig, 201
 Mill, John Stuart, 17, 18–19, 121, 153, 160
 Mind–body dualism, 238–239
 Minimax analysis, 152–153
 Minority groups, 169
 Modern Chess Strategy (Lasker), xi–xii
 Modernity/modernism
 ancient Greece and, 279–281, 284–285
 art and literature, 81–83, 171–174,
 198–199, 205
 capitalism and, 80–84
 choice and, ix, 13
 cyclical character of, 283–286
 definition of, 195–196
 loss of absolute in, 82–83
 novelty and, 81, 82–83
 origins of, 195
 postmodernism compared to, 83, 201,
 203–205, 210–211, 221
 progress and, 195–199, 279
 specialization in, 199–200
 Mod fashion, 176
 Moleschott, Jakob, 22
 Money. See also Finance
 in postindustrial society, 224
 as preeminent value in U.S., 166
 risk analysis concerning, 147–151
 Monkey cage theory of culture, 38
 Moral hazard, 161
 Moralism, in 17th-century Holland, 277
 Morgenstern, Oskar, 95, 148
 Morley, E. W., 27
 Morley, John, 21
 Morse, Samuel, 245
 Mortality, 102
 Movies. See Films
 Moynihan, Daniel Patrick, 269
 Mozart, Wolfgang Amadeus, 133
 mRNA, 233
 Muller, Jerry Z., 159
 Multicultural studies, 251–252
Multitasking, 224–225
Murphy, Fred, 16, 86
Museum of Jurassic Technology, Los Angeles, 225–226
Museum of Modern Art, 172, 180
Museums, 172, 182, 225–226
Music
hardcore, 209
modernist, 83
postmodernist, 201
rock and roll, 174–175, 188
Myth of Sisyphus (Camus), 140
Nadar (Gaspard-Félix Tournachon), 59
Nader, Ralph, 175
Nalebuff, Barry, 158
Name brands, 68, 183, 185, 293. See also Designer labels
Nassau, 182
Nature, artifice versus, 241
Nautica, 184
Needs
hierarchy of, 141–142
luxuries becoming, 42–43
Neo-Impressionism, 57
Nero, 123–124
Neural networks, 235
Neuromancer (Gibson), 244
Newman, James R., 144
Newton, Isaac, 53
Niccol, Andrew, 208
Nihilism, 126, 133, 140
Nike, 185
Nimzovich, Aron, 224
1960s, 169–177
art in, 171–174
causes of, 169–170
choice as fundamental to, 170
freedom in, 174–177
rebellion in, 174–177
Nineteenth century. See Industrial society
Nintendo, 180
No Exit (Sartre), 130
Noise (system behavior), 234
Nondeterminism, 46–47, 50
Non-Euclidean geometry, 54
Nonlinear programming, 91
Nostalgia, 204, 281, 285
Notes on “Camp” (Sontag), 185
Novelty
ancient Greece and, 284
familiarity balanced with, 287–290
modernity and, 81–83
trendiness, 220–225
Objectivity
ERP paradox and, 190–192
mathematical, challenging of, 54–56
modern art versus, 59
observer and, 49, 53
quantum physics and, 49
subjectivity versus, 5, 10, 188–190
Observer
objectivity and, 49, 53
particle versus wave theories of light and, 53
Olympia (Manet), 198
One-Dimensional Man (Marcuse), 75–79
O’Neill, William, 170, 171, 175, 176
One-stop shopping, 41
On Liberty (Mill), 17, 18
Opening of the American Mind (Levine), 251
Operations research, 93
Oppositions
architecture and, 213
challenging of, 9
creation through decision process of, 4–6, 300–301
Pluralism, 210, 211, 252–253, 281–282, 290–293
Plutarch, 285
Podolsky, Boris, 190
Poincaré, Jules-Henri, 55, 133, 233
Political correctness, 69
Politics
  game theory and, 96–100
  individual–communal balance in, 164–166
  public policy, 296, 302
  religion and, 270–271
Pop Art, 173–174, 201, 279
Post-Imressionism, 57
Postindustrial society, 75–84
  Bell’s critique of, 80–84
  capitalism in, 223–224
  delayed gratification unnecessary in, 79–80
  game theory and, 95
  information technology as feature of, 33
  Marcuse on one-dimensionality of, 75–79
Postman, Neil, 16, 245–248
Postmodernism
  “anything goes” in, 204–205
  architecture, 201, 204–205, 210–213, 215–216
  athletic clothing, 217–219
  blurring of opposites in, 207–210 (see also Pastiche)
  choice as key to, 7, 201, 204–205
  creative arts, 201–202, 279
  critics of contemporary life, 241–255
  features of, 201–205
  food, 219–220, 244
  historical parallels to, 278, 281–282, 284–286
  history from perspective of, 201–203, 211, 243–244, 283
  implications of choice, 287–298, 302
  mathematics and science, 229–240
  modernism compared to, 83, 201, 203–205, 210–211, 221
  museums, 225–226
  and oppositions, 204, 207–210
  self-reference as characteristic of, 198, 211–212, 226–240
  theories of, 6–7, 195, 210
  trendiness, 220–225
Poststructuralism, 108
Principal-agent models, 101
Principia Mathematica (Russell and Whitehead), 56, 230
The Principles of Scientific Management (Taylor), 245
Prisoner’s dilemma, 157–158, 162–163, 266
Private versus public realms, 207–209
Probability
  actuarial tables and, 145
  risk and, 143–144
  Schrödinger’s Cat, 118–120
  in stochastic systems, 93–94
Products. See also Consumerism
  availability of, 8, 10–13
  desirability of, 68
  genuine versus imitation, 68–69
  personal identity and, 10, 87, 112
  status through, 68, 182–184
Progress
  concept of, 21–22
  modernism and, 195–199, 279
The Progress Paradox (Easterbrook), 250
Prometheus Bound (Aeschylus), 123
Prospect theory, 148–150
Prozac, 245
Pruitt-Igoe public housing project, St. Louis, 210
Psychoanalysis, 61, 135–141
Psychology, 127
Public goods, 161–162, 164–165, 260, 264, 266–268
Public policy, 290–292, 295–296, 302
Public versus private realms, 207–209
Pulp Fiction (film), 188
Punks, 112
Purchasing power, 12
Purpose of life, 140–141
Pynchon, Thomas, 201
Pythagoreans, 125

Quality, 114–117
Quantification, prevalence of, 246–248
Quantum theory, 48–52, 117–120, 190–192, 236–237
Queueing theory, 94
Quotation, artistic, 278–279

Radcliffe-Brown, A. R., 111–112
Raiders of the Lost Ark (film), 204
Rand, Ayn, 123
Randomization, 96, 236–237. See also Stochastic systems
Rank, Otto, 139
Rapoport, Anatol, 156, 162–163
Rashomon (film), 187–190
Rauschenberg, Robert, 173
Rawls, John, 268
Readymades, 174
Reagan, Ronald, 165
Recreation, 12
Recursion, 230–232
Reed, Ishmael, 201
Regret, 2, 40, 43, 143, 297
Relativism. See Cultural relativism
Relativity, scientific
cultural effects of, 57–58, 205
space-time continuum, 54
special, 27, 51–52
Religion. See also Catholic Church;
Christianity; God
art as, 172
clash of civilizations and, 270–271
class and, 21
existentialism and, 133
fundamentalism, 270
Holland in 17th century, 276–277
liberalism and, 18
Marx on, 20
Nietzsche on, 25
in 1960s, 176
persistence of, 270
science versus, 22–24, 28–29
secularism versus, 16–18, 21
work and, 81
Renaissance
risk recognized in, 143–144
as transition to modern, 196
Renan, Ernest, 24
Representation
art and, 56, 57, 60
Cubism and, 57
Impressionism and, 56, 59
Reservoir Dogs (film), 188
Resources. See Scarce resources
Responsibility, 135–141
avoidance of, 137–140, 251
existential psychotherapy and, 135–141
“The Grand Inquisitor,” 35–37
guilt and, 138–139
permissiveness and, 135
social need for, 301
Restaurants. See Food
Rice, Anne, 202
**Riddle of the Universe** (Haeckel), 22
Risk, 143–154
  - age effect on, 146–147
  - decision making and, 147–154
  - framing of, 149–151
  - gain versus loss and, 149–150
  - history of analysis of, 143–146
  - magnitude versus probability of, 143
  - management of, 143
  - management science on, 152–154
  - uncertainty versus, 143
RNA, 233
Robinson, Joan, 11
Robinson, Marcia, 40
Robots, 280
Rochlin, Gene, 101, 248–250
Rock and roll, 174–175, 188
*Roe v. Wade* (1973), 166, 168
Rolling Stones, 174
*Le Roman Russe* (Vogüé), 24
Rome, freedom in ancient, 123–124
Rosen, Nathan, 190
Rosenberg, Harold, 82
Rosenquist, James, 173
Rothstein, Edward, 220–221
Rousseau, Jean-Jacques, 160, 268
Rushdie, Salman, 69
Russell, Bertrand, 56, 86, 230
Russell’s paradox, 86
Ryle, Gilbert, 238
Sade, Marquis de, 18, 160
Saint John's Wort, 245
Saint-Simon, Henri de, 198
Saint-Tropez, 182
*Salon d’Automne*, 58
Sartre, Jean-Paul, 69, 129–134, 140, 272
Satisficing, 297
Satterthwaite, Mark, 100
Saussure, Ferdinand de, 105–108, 300
Savage, L. J., 148
Scarce resources, 90–91, 101–102
Scarring, 227
Schama, Simon, 275–278
School choice, 295–296
Schrödinger’s Cat, 117–120
Schwartz, Barry, 42, 43, 251, 297–298
Science. *See also* Mathematics; Physics
  - in ancient Greece, 285
  - arts and humanities versus, 5, 247
  - chaos theory, 233
  - cloning, 227–228, 280
  - complex adaptive systems, 234–235
  - DNA, 232–233
  - excessive belief in, 246–247
  - Michelson–Morley experiment, 27–28
  - progress in, 197
  - religion versus, 22–24, 28–29
  - skepticism about, 29
  - social science borrowings from, 77
  - triumphs of, 26–28
  - and uncertainty, 26–28, 48–52, 233–235
Scientific management, 16, 76, 89, 92, 205, 245, 249
Scitovsky, Tibor, 11
Secondary virginity, 71–72
Second-hand clothes, 216–217
Secularism
  - versus religion, 16–18, 28
  - rise of, 16–18
  - science and, 22–23, 28
Self-actualization, 139, 269
  - character traits of, 141–142
Self-deception. *See* Bad faith
Self-interest, 158–161, 264–269
Self-organization, 77, 78–79, 164, 234
Self-reference
  - architecture, 211–212
  - body decoration, 227
  - cloning, 227–228
  - mathematics and science, 229–240
  - modernism and, 198
  - museums, 226
  - postmodernism and, 198, 211–212, 226–240
Self-reproduction, 232–233
Seligman, Martin, 250–251
Sellers, Peter, 128
Semiology, 105
Semiotics, 105, 112
Sen, Amartya, 264–267
Seneca, 123–124, 283
*Sergeant Pepper* (Beatles), 216
Serrano, Andres, 171
Seurat, Georges, 57
Sex
  attitudes toward, 117
  choice of companions, 137–138
  commodification of, 78
  fantasies involving, 70–71
  Sartre on dating and, 130–132
  virginity and, 71–72
Shapley, Lloyd, 96
Shapley value, 96
Sharing, 161–166
  public goods and, 161, 164–165
  subsidies and, 161, 165–166
Shaw, George Bernard, 20
*Shock of the New* (Hughes), 171
Shopping. *See also* Consumerism
  as end rather than means, 32
  one-stop, 41
Signs, 105–106. *See also* linguistics
SimCity, 188, 234–235
Simonds, Nina, 220
Simulacrum, 67, 68
Simulation
  complex adaptive systems and, 234–235
  decision science and, 94
Simultaneity, 51, 57
Singapore, 271
Sisyphus, 135, 140
*Sky Captain and the World of Tomorrow* (film), 204
Slavery, 121–122
Smith, Adam, 159–160, 245–246, 258, 262
Smith, John Maynard, 96
Snow, C. P., 199, 247
*Social Choice and Individual Values* (Arrow), 98–99
Social control, 37–39
Social Darwinism, 38, 123
Social traps, 156–158, 259
Social welfare, 267–269
Society, breakdown of unity in, 199–200
Sociology, 17–18, 38
Sombart, Werner, 82
Sontag, Susan, 185–186, 247, 282
Soul, 238, 280
Space
  Cubism and, 58
  postmodernism and, 206
  relativity and, 54, 58
Specialization, 199–200, 210
Spencer, Herbert, 38
Sperber, Dan, 110
Spinoza, Baruch, 79, 237
Sports clothing, 217–219, 289–290
Stacks, in computer programs, 231
Standard of living, 10–11, 28, 102, 250–251, 278
Start-up companies, 223–224
*Star Wars* (film), 204
State, liberalism and rise of, 19
Statistics, facticity of, 66
Stirling, James, 213
Stochastic systems, 93–94, 233–234
*The Stranger* (Camus), 134–135
Stravinsky, Igor, 201
Structuralism, 105, 107–112
Sturrock, John, 106
Subatomic world, 48. *See also* Physics
Subjectivity
  art and, 56–60
  cultural relativism and, 51
  existentialism and, 128
  literary criticism and, 108
  literature and philosophy of 19th century, 24–26
objectivity versus, 5, 10, 188–190
toleration and rise of, 18
Sublimation, 77–78
Sufi proverb, 4
Suger, Abbot, 195
“Survival of the fittest,” 38
Survivor (television show), 208
Syllabus of Errors (1864), 21
Sympathy, 159, 265–266
Synanon, 176
Synecdoche, 107
Syntagmatic relationships, 107, 109
Synthesis, choice and, 6
progress and, 197
Systems, computers vs. humans in management of, 248–249

Taoism, 271–272
Tarantino, Quentin, 188
Taste, 179–180, 185–186
Tattoos, 227
Taxes, 164–166
Taylor, Frederick, 16, 205, 245, 249
Taylor series, 66
Technology
in ancient Greece, 285
athletic clothing and, 217–219
complication introduced by, 33–35
criticisms of, 241–250
destructive power of, 146
egalitarian character of, 79
nature replaced by, 241
pros and cons of, 33
recent, 31
Technopoly, 246
Teenage pregnancy, 135, 253–255, 260
Telecommunication companies, 223
Television
choice and, 41, 42, 181
cultural indoctrination by, 78–79
and high–low culture mix, 180–181
multitasking on, 224–225
private/public merged on, 207–208
reality television, 64, 208
Thaler, Richard, 150
Thatcher, Margaret, 165
Theroux, Paul, 243
Thompson, William Irwin, 197, 241–245
Thoreau, Henry David, 255
Thurow, Lester, 258
Tillich, Paul, 138–139
Time. See also Discretionary time
control of, choices as attempts to, 9
daily hours available for activity, 11
postmodernism and, 204, 206, 208,
223–225, 243–244
relativity and, 51–52
speed of cultural cycles, 188, 204, 206,
223–225, 244, 253–254, 296
Titanic (ship), 29
Tocqueville, Alexis de, 87, 99, 246
Toffler, Alvin, 206
toleration, 18–19
Tolstoy, Leo, 24, 29
Tommy Hilfiger, 184
Total quality management, 89
Totemism, 111–112
Tradition. See also Classics; History
novelty balanced with, 287–290
persistence of, 222
postindustrial society and, 80–84
trend and, 84, 221–222
“The Tragedy of the Commons,” 156
Travel, 181–182, 288–289
Tree models of decision making, 47–48, 152
Trendiness, 220–225
The Truman Show (film), 208–209
Trump, Donald, 264
Tucker, Marcia, 226
Turing, Alan, 229–230, 236
Tversky, Amos, 148, 149
Twist (dance), 175
Twitchell, James B., 179–180
Unamuno, Miguel de, 129
Uncertainty
  decision making and, 147–154
  game theory and, 95
  quantum theory and, 48–52
  risk versus, 143
  science and, 48–52, 233–235
Underwear, 41
United States
  and history, ix, 201–203, 243–244
  individual–communal dynamic in, 165–166
  pluralism in, 251–253
  technopoly in, 246
Unity and diversity, 290–293
Universal health coverage, 164
Universal Studios, 212
Universities. See Education
Unsafe at Any Speed (Nader), 175
USSR, 12, 163
U.S. Supreme Court, 166, 168
Utilitarianism, 123, 160, 267, 268
Vander Zanden, James, 141
Van Dongen, Kees, 58
Van Gogh, Vincent, 57, 59
Veblen, Thorstein, 11
Venturi, Robert, 201
VH1, 212
Vicious spiral in contemporary lives, 32–35
Vietnam War, 175
Vintage clothes, 216–217
Virginit, 71–72
Vitruvius, 281
Vlaminck, Maurice de, 58–59
Vogt, Karl, 22
Vogüé, Eugene-Melchior, 24
Volkstaat (journal), 23
Voltaire, 22, 164, 287
von Neumann, John, 95, 148, 232
Voting, 96–100
Vulgarity in culture, 179–183
War, cultural tension and, 269
Warhol, Andy, 173, 185, 201
Watson, James, 232
Watt, James, 245
Wave function, collapse of, 49, 117–118
Wave theory of light, 53
Weber, Max, 17, 144, 277
Weber, Robert, 98
Web surfing, 181
Wegner, Daniel, 237
Weinstein, David, 8
Weir, Peter, 208
Weschler, Lawrence, 225–226
West, Nathaniel, 243
Westernization, 269–271, 273
“What-if” analyses
  computer simulations, 94
  life choices, 40
  parallel universes, 50
Whitehead, Alfred North, 15, 56, 58, 230
Whitehead, Barbara Dafoe, 294
Whitfield, Sarah, 58–59
Wigner, Eugene, 119
Wilford, Michael, 213
Wilson, David, 225–226
Wolfe, Tom, 123, 172, 182, 183, 216–217
Women
  abortion issue and, 166–168
  in ancient Greece, 122
  and athletic clothing, 217–219
  in 1960s, 169
Wonder cabinets, 225–226
Work
  reality blurred at, 73
  time spent at, 11–12
The World of Mathematics (Newman), 144
World War I, 29, 146, 173, 252
World War II, 91–92, 146
World Wide Web, private webcams on, 208
Wu Tang Clan, 184
Xenocrates, 280

Yalom, Irvin, 2, 135–141
Yew, Lee Kuan, 271
Yin and yang, 272
Yugoslavia, 291

*Zen and the Art of Motorcycle Maintenance* (Pirsig), 114
Zermelo, Ernst, 55
Zero-sum situations, 77–78, 95, 162, 282