accountability for actions, 106–7
action
action buttons (for games), 178
in context, 9–11, 23, 46, 61–2, 78–9, 81–2, 102–3
defined, 173–4
modeling human action and fellow feeling, 8–12
self-interest required for sociability, 69–71, 111–12, 138–9, 148
adultery, gender inequity and, 201n.4
affections, meaning of, 19–27, 20
Alexander, Samuel, 13, 62, 74, 198
altruism, 9, 111
Annas, Julia, 83–5
approbation, 43–5, 44, 75
Aristotle, 28
Ashraf, Nava, 101n.5
asymmetric gains and losses (Principle 2)
defined, 75–6
derives from asymmetry of joy and sorrow, 73, 76–7, 107, 200
punishment and, 200
rule-governed systems and, 107
axioms, 68–73. See also fellow feeling;
gratitude; resentment; self-love
fellow feeling (Axiom 1), 71
gratitude and resentment (Axiom 3), 71–3
individual’s choice of actions (Axiom 4), 73
judgment (Axiom 2), 71
of new trust games, 146–7n.5
self-love (Axiom 0), 69–71
Baseline Trust (BT) game, 144–5, 145, 178, 202–4, 204, 205. See also human socioeconomic betterment; trust games, new
behavioral economics
goal of, 27 (See also conduct; scientific method in economics)
located in the neoclassical Max-U tradition, 70
beneficence. See also human socioeconomic betterment; trust games; ultimatum games (UG)
benevolence vs., 84–5
corollary of, 86
gratitude and reward (Beneficence Corollary 1), 156n.13, 156–8, 157, 157n.14
justice vs., 84n.1
as negative virtue, 14, 90, 105–6, 199–200
as pillar of society, 201–2
propositions of, and new trust games, 146–7n.5
reciprocity (Beneficence Proposition 1), 85–7
resentment and, 197–9 (See also human socioeconomic betterment)
reward and punishment (Beneficence Proposition 2), 87–8
rule-governed systems and, 105–6
Smith on beneficence as always free, 128–30
as virtue, 83–5
Berg, Joyce, 86–7, 109–12, 169–70
Boeing, Carl, 111
Index

Bortoft, Henri, 56
Bourgeois Equality (McCloskey), 5
Brown, Robert, 57
Burns, Robert, 11
Camerer, Colin, 27, 54, 101n.5

chance and sense of merit/demerit, 92–3

Cherry, Todd, 129n.2, 138
Cogan, Thomas, 22–3
commerce, 15n.23

conduct, 34–48
behavior as, 34–5
behavior in modern economics, 35–40
fellow feeling and, 42–5, 44 (See also fellow feeling)

mathematical formalization of (See game theory structure)
narratives and, 172–4, 195–6 (See also narratives in trust games)
propriety and emergence of rules, 98–100
propriety of “consequent action” and, 45–7
recognizing patterns of conduct, 56 (See also scientific method in economics)
rule-governed systems and accountability for actions, 106–7
rule-governed systems of, 40–2, 95–108
(See also rules governing human conduct)
consumer preference, 36–40
context-specific action, 81–94
beneficence and justice as virtues of, 83–5
beneficence propositions, 85–8
chance and sense of merit/demerit, 92–3
injustice propositions, 88–90
rules as conventions, 81–3
Smith’s theory of morality, 90–2

conventions, rules as. See context-specific action

Cox, James, 115–16

Damasio, Antonio, 21n.3
deception, 116n.9
decision making. See conduct

Deck, Cary, 115–16
demerit
chance and, 92–3
rule-governed systems and merit/demerit in judgments, 100–1

Descartes’ Error (Damasio), 21n.3
de Waal, Frans, 42

Dickhaut, John, 64, 86–7, 87n.3, 109–12, 169–70
dictator games. See also narratives in trust games

earned money used in, 129n.2
overview, 161–2
reciprocity and, 86

Dictionary of the English Language, A (Johnson), 5, 22, 29, 34–5
dignity of sellers, 82–3
disapprobation, 43–5, 44

econometrics, mapping outcomes with, 63n.21

Ellsberg, Daniel, 133n.6, 133
emotions
meaning of, 19–27, 20
scientific method for study of, 64
empathy, 9. See also fellow feeling
enviousness, as example of behavioral economics method, 50–5
equal split (“fair” split), 129, 137–8
equilibrium and mutual fellow feeling (Principle 7), 78
experimental economics
early laboratory market experiments of, 173n.1
use of narratives by, 172–4, 195–6 (See also narratives in trust games)

experiments, defined, 67–8. See also rules governing human conduct

extensive form games (EFG), defined, 175
extortion, beneficence and, 123, 123–5
extortion, involuntary. See ultimatum games (UG)

Fable of the Bees, The (Mandeville), 15n.24

fair and fairness concepts
conflation with envy/enviousness, 30–5
“fairness” equilibrium in game theory, 168–9
“fair” split (equal split), 129, 137–8
“fair” vs. “fairness,” 101n.5
impartial spectator metaphor and negative justice, 200–1

Falk, Armin, 120n.13, 130–1, 137–8, 139

feeling-thinking experiences. See also fellow feeling

meaning of passions, emotions, sentiments, and affections, 19–27, 20
morality as, 31–2
trust games from, 23n.8

Fehr, Ernst
on equal split in trust games, 137–8
on intention, 120n.13, 130–1
Index

Fehr, Ernst (cont.)
on social preferences, 70n.4
on threat of punishment, 154n.11, 155n.12
on utility maximization and behavioral economics method, 54–5
fellow feeling
as Axiom 1, 71
empathy and, 9
equilibrium and mutual fellow feeling (Principle 7), 78
as first key axiom of Smith’s theory of morality, 29
impartial spectator metaphor, 101–3
modeling human action and, 8–12
as primary connection of sociality, 46–7
Fischbacher, Urs, 70n.4, 120n.13, 130–1, 137–8
Fitzgerald, John, 111
Folk Theorem of traditional repeated game theory, 164
Forsythe, Robert, 129
"Forward and Backward Rationality in Achieving Cooperation" (McCabe, Rassenti, Smith), 118n.11
Fouraker, Lawrence, 134–5
Frykblom, Peter, 129n.2
game theory structure, 161–71. See also narratives in trust games
applying to action in principles of Sentiments, 167–8
“fairness” equilibrium and, 168–9
Folk Theorem of traditional repeated game theory, 164
one-shot play based on Sentiments in, 164–6
overview, 161–2
social preferences modification of, 163–4
traditional game dynamic of, 162–3
trust game research by Berg, Dickhaut, McCabe (1995 experiment), 169–70
Gardner, Roy, 154n.11
Geanakoplos, Jean, 168
gender inequality, 201n.4
Gillies, Anthony S., 117, 117–19
Gintis, Herbert, 87n.4
gratitude
gratitude and resentment as Axiom 3, 71–3
(See also resentment)
rule-governed systems and, 98–100
rule-governed systems and merit/demerit in judgments, 100–1
as sentiment, 24–5
Index

gravity, moral sentiments as, 61–3
Güth, Werner, 127–8
Halley’s comet, 40
Hanley, Ryan, 4, 41n.5
Hayek, F. A., 2, 16, 59, 97
Helbing, Dirk, 87n.4
"History of Astronomy, The" (Smith), 40
Horowitz, Joel, 129
humanomics, defined, 2
human socioeconomic betterment, 197–207.
See also beneficence; justice
beneficence and justice as pillars of society, 201–2
beneficence vs. punishing injustice, 202–4,
204, 205
negative justice in Sentiments and property in Wealth, 200–1
punishment in proportion to resentment, 199–200
resentment and, 197–9
Wealth on nature of exchange, 205–7
Hume, David
on market behavior, 5
propriety and, 29
on rule-governed systems, 96
rules governing conduct and, 67, 68n.3
on utilitarianism, 12–13
Hutcheson, Francis, 29
Hutton, James, 25
impartial spectator metaphor
fairness and, 200–1
game theory structure and, 165–6
“mindreading” and, 119n.12
overview, 102–3
rule-governed systems, 101–3
two-choice alternatives in simple single-play trust games and, 112–19, 113, 117, 121
impropriety. See injustice
incentive compatibility, 200
income distribution
inequality of, 2
property, exchange, and wealth creation,
14–16
individuals. See also conduct
individual’s choice of actions, asymmetric gains and losses from (Principle 2), 75–6,
107, 200
individual’s choice of actions (Axiom 4), 73
propriety and emergence of rules, 98–100
### Index

<table>
<thead>
<tr>
<th>Term</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Injustice. See also human socioeconomic betterment; trust games</td>
<td>211</td>
</tr>
<tr>
<td>negative justice in <em>Sentiments</em> and property in <em>Wealth</em>, 200–1</td>
<td></td>
</tr>
<tr>
<td>propositions of, and new trust games, 146–7n.5</td>
<td></td>
</tr>
<tr>
<td>punishment response to, 14n.22</td>
<td></td>
</tr>
<tr>
<td>reciprocity (Injustice Proposition 1), 88–9</td>
<td></td>
</tr>
<tr>
<td>resentment of, 197–9 (See also human socioeconomic betterment)</td>
<td></td>
</tr>
<tr>
<td>reward and punishment (Injustice Proposition 2), 90</td>
<td></td>
</tr>
<tr>
<td>Inquiry into the Nature and Causes of the Wealth of Nations, An (Smith)</td>
<td></td>
</tr>
<tr>
<td>human socioeconomic betterment and, 200–1, 205–7</td>
<td></td>
</tr>
<tr>
<td>overview of, 5</td>
<td></td>
</tr>
<tr>
<td>on rule-governed systems, 96</td>
<td></td>
</tr>
<tr>
<td><em>Sentiments</em> themes interconnected to, 205–6n.7</td>
<td></td>
</tr>
<tr>
<td>sociality and economy in, 2–16</td>
<td></td>
</tr>
<tr>
<td>intention</td>
<td></td>
</tr>
<tr>
<td>binary choice forms of ultimatum games, 130–1</td>
<td></td>
</tr>
<tr>
<td>opportunity cost and, 119–20, 120</td>
<td></td>
</tr>
<tr>
<td>as Principle 6, 78</td>
<td></td>
</tr>
<tr>
<td>reciprocity and, 87</td>
<td></td>
</tr>
<tr>
<td>in strategic form trust games, 120n.13</td>
<td></td>
</tr>
<tr>
<td>invisible hand theory, 5, 12n.19</td>
<td></td>
</tr>
<tr>
<td>Jevons, William Stanley, 7n.11, 36, 37</td>
<td></td>
</tr>
<tr>
<td>Johnson, Samuel, 5, 22, 29, 34–5</td>
<td></td>
</tr>
<tr>
<td>judgment (Axiom 2), 71</td>
<td></td>
</tr>
<tr>
<td>justice. See also human socioeconomic betterment; injustice</td>
<td></td>
</tr>
<tr>
<td>beneficence vs., 84n.1</td>
<td></td>
</tr>
<tr>
<td>defined negatively, 14, 90, 105–6, 199–200, 206–7</td>
<td></td>
</tr>
<tr>
<td>nature of exchange and, 205–7</td>
<td></td>
</tr>
<tr>
<td>as pillar of society, 201–2</td>
<td></td>
</tr>
<tr>
<td>as property, 14, 96, 197–200</td>
<td></td>
</tr>
<tr>
<td>rule-governed systems and, 105–6</td>
<td></td>
</tr>
<tr>
<td>as virtue, 83–5</td>
<td></td>
</tr>
<tr>
<td>Kahneman, Daniel, 200</td>
<td></td>
</tr>
<tr>
<td>Kames, Lord, 21</td>
<td></td>
</tr>
<tr>
<td>kindness</td>
<td></td>
</tr>
<tr>
<td>begets kindness, 121–2n.14, 156</td>
<td></td>
</tr>
<tr>
<td>as necessary for happiness, 114</td>
<td></td>
</tr>
<tr>
<td>Knight, Frank</td>
<td></td>
</tr>
<tr>
<td>behavior as utility maximization problem, 49–50</td>
<td></td>
</tr>
<tr>
<td>conduct and motive, 159</td>
<td></td>
</tr>
<tr>
<td>example of behavioral economics method, 50–5</td>
<td></td>
</tr>
<tr>
<td>scientific method and norm compliance in behavioral economics, 60–4</td>
<td></td>
</tr>
<tr>
<td>scientific method and recognizing patterns of conduct, 56</td>
<td></td>
</tr>
<tr>
<td>“The Limitations of Scientific Method in Economics,” 49</td>
<td></td>
</tr>
<tr>
<td>Knight, Simon, 138</td>
<td></td>
</tr>
<tr>
<td>knowing from feeling and thinking, i, 32, 36, 42–5, 55, 63, 73, 79, 99</td>
<td></td>
</tr>
<tr>
<td>Krupka, Erin, 60</td>
<td></td>
</tr>
<tr>
<td>language. See words and meaning</td>
<td></td>
</tr>
<tr>
<td>Lectures on Jurisprudence (Smith), 90, 197–8n.1, 199n.2, 201n.4</td>
<td></td>
</tr>
<tr>
<td>LePore, Michael, 119n.12, 123, 123–5</td>
<td></td>
</tr>
<tr>
<td>&quot;Limitations of Scientific Method in Economics, The,” 49</td>
<td></td>
</tr>
<tr>
<td>List, John, 129n.2, 138, 150n.12</td>
<td></td>
</tr>
<tr>
<td>Locke, John, 13, 29</td>
<td></td>
</tr>
<tr>
<td>Loewenstein, George, 54, 101n.5</td>
<td></td>
</tr>
<tr>
<td>love</td>
<td></td>
</tr>
<tr>
<td>self-love, 69–71, 79–80, 100–1</td>
<td></td>
</tr>
<tr>
<td>as sentiment, 24</td>
<td></td>
</tr>
<tr>
<td>Mandeville, Bernard, 15n.24, 29</td>
<td></td>
</tr>
<tr>
<td>marginal utility concept, 37–8</td>
<td></td>
</tr>
<tr>
<td>market behavior</td>
<td></td>
</tr>
<tr>
<td>dignity of sellers and, 82–3</td>
<td></td>
</tr>
<tr>
<td>experimental economics and early laboratory market experiments, 173n.1</td>
<td></td>
</tr>
<tr>
<td>Hume on, 5</td>
<td></td>
</tr>
<tr>
<td>rules governing conduct and, 70–1</td>
<td></td>
</tr>
<tr>
<td><em>Wealth</em> (Smith) on rule-governed systems, 96</td>
<td></td>
</tr>
<tr>
<td>Max-U. See utility maximization (Max-U) theory</td>
<td></td>
</tr>
<tr>
<td>McCabe, Kevin</td>
<td></td>
</tr>
<tr>
<td>on beneficence, 86–7, 123, 123–5</td>
<td></td>
</tr>
<tr>
<td>on defection rate in trust games, 152n.9, 155–6</td>
<td></td>
</tr>
<tr>
<td>“Forward and Backward Rationality in Achieving Cooperation,” 118n.11</td>
<td></td>
</tr>
<tr>
<td>game theory structure, 169–70</td>
<td></td>
</tr>
<tr>
<td>on &quot;mindreading,&quot; 119n.12</td>
<td></td>
</tr>
<tr>
<td>repeat-play trust games, 120, 120–3</td>
<td></td>
</tr>
<tr>
<td>Jevons, William Stanley, 7n.11, 36, 37</td>
<td></td>
</tr>
<tr>
<td>Johnson, Samuel, 5, 22, 29, 34–5</td>
<td></td>
</tr>
<tr>
<td>judgment (Axiom 2), 71</td>
<td></td>
</tr>
<tr>
<td>justice. See also human socioeconomic betterment; injustice</td>
<td></td>
</tr>
<tr>
<td>beneficence vs., 84n.1</td>
<td></td>
</tr>
<tr>
<td>defined negatively, 14, 90, 105–6, 199–200, 206–7</td>
<td></td>
</tr>
<tr>
<td>nature of exchange and, 205–7</td>
<td></td>
</tr>
<tr>
<td>as pillar of society, 201–2</td>
<td></td>
</tr>
<tr>
<td>as property, 14, 96, 197–200</td>
<td></td>
</tr>
<tr>
<td>rule-governed systems and, 105–6</td>
<td></td>
</tr>
<tr>
<td>as virtue, 83–5</td>
<td></td>
</tr>
<tr>
<td>Kahneman, Daniel, 200</td>
<td></td>
</tr>
<tr>
<td>Kames, Lord, 21</td>
<td></td>
</tr>
<tr>
<td>kindness</td>
<td></td>
</tr>
<tr>
<td>begets kindness, 121–2n.14, 156</td>
<td></td>
</tr>
<tr>
<td>as necessary for happiness, 114</td>
<td></td>
</tr>
</tbody>
</table>
McCabe, Kevin (cont.)
research procedures of, 121–2n.14
trust game research by Berg, Dickhaut, and
(1995 experiment), 109–12
two-choice alternatives in simple single-play
trust games, 112–19, 113, 117
voluntary trust game, 119–20, 120
McCloskey, Deirdre, 5
Meardon, Stephen, 170
Menger, Carl, 37
"mere want," 88
merit
chance and, 92–3
rule-governed systems and merit/demerit in
judgments, 100–1
Milton, John, 22n.6
morality, not derived by reason, 68, 96–8.
See also conduct; context-specific action;
feeling-thinking experiences
motivation and praise (Principle 4), 77
motives, recognizing, 58–60
narratives in trust games, 172–96
experimental economics and, 172–4, 195–6
extensive form game (EFG) tree,
experimental design and procedures,
175–85, 177, 179, 180, 182, 184
extensive form games (EFG), 175
overview, 174–5
"payoffs" and "moves," 174
results and, 185–95, 187, 189, 191, 193, 195
neoclassical model
Hume and, 12
utility maximization (Max-U) theory and,
6–8
Newton, Isaac
rule-governed systems and, 95
rules governing conduct and, 67n.1
Smith influenced by, 40
new trust games. See trust games, new
non-satiation, 29, 59, 61–2, 81, 89
norma agendi, 85–8
norm compliance, 60–4
North, Douglass, 5
"notice of a General Mathematical Theory of
Political Economy" (Jevons), 7n.11
Ortmann, Andreas, 111, 170
Osborn, Jan, 175, 176–8, 183–6, 196
Ostrom, Elinor, 154n.11
Oxoby, Robert, 129n.2

Index

Paradise Lost (Milton), 22n.6
Paradox of Preferences, 38–40
Paradox of Value, 37
passions, meaning of, 19–27, 20
Pearce, David, 168
Pecorino, Paul, 140–1
Philosophical Treatise on the Passions,
The (Cogan), 22–3
Plutinos, 28
preference
of consumers, 36–40
measuring, 55
Principia (Smith), 46
principles, 74–80
actions and propriety (Principle 5), 77–8
actions in response to pleasure and pain,
79–80
asymmetric gains and losses (Principle 2),
75–6, 107, 200
equilibrium and mutual fellow feeling
(Principle 7), 78
intentions (Principle 6), 78
motivation and praise (Principle 4), 77
new trust games, 146–7n.5
self-command (Principle 1), 74–5
sympathy and envy (Principle 3), 76–7
"Private Game," 117, 117–19
Proposers. See ultimatum games (UG)
propriety. See also beneficence
actions and propriety (Principle 5), 77–8
civil vs. social propriety order, 13–14
of "consequent action," 45–7
emergence of rules, 98–100
and property, 13–14
sense of, 1–2, 14, 29–32, 49, 50, 51, 55, 80, 82,
92, 110, 118
words and meaning of, 29–32
Punish Injustice (PrH) game, 152–6, 153,
154–5n.12, 202–4, 204, 205
punishment. See also human socioeconomic
betterment; reward and punishment
beneficence vs. punishing injustice, 202–4,
204, 205
in proportion to resentment, 199–200
Quarterly Journal of Economics, 54–5, 60–1
Rabin, Matthew, 168–9
Rassenti, Stephen, 118n.11, 155–6
reciprocity
Beneficence Proposition 1, 85–7
Injustice Proposition 1, 88–9
in ultimatum and dictator games, 86
repeat-play trust games, 120, 120–3
resentment. See also gratitude
beneficence and injustice, 197–9
gratitude and resentment as Axiom 3, 71–3
punishment in proportion to, 199–200
rule-governed systems and, 98–100
rule-governed systems and merit/demerit in judgments, 100–1
as sentiment, 24, 25
Responders. See ultimatum games (UG)
reward and punishment. See also trust games, new
as Beneficence Proposition 2, 87–8
as Injustice Proposition 2, 90
Rietz, Thomas, 122n.15
Rigdon, Mary, 117, 117–23, 120, 121–2n.14
Rockenbach, Bettina, 154n.11
rule-governed systems, 95–108
accountability for actions in, 106–7
asymmetry in gains and losses, 75–6, 107, 200
beneficence and justice for, 105–6
impartial spectator metaphor, 101–3
merit and demerit in judgments, 100–1
propriety and emergence of rules, 98–100
rules of natural order vs. socioeconomic life, 96–8
self-deceit and, 103
self-evaluation for, 104–5
social foundations of rules, 95–6
rules governing human conduct, 67
conduct of groups vs. individuals, 41
Smith on “experiments,” 67–8
Smith’s axioms and, 68–73
Smith’s principles of, 74–80
Salmon, Timothy, 134, 139–40
Savin, n.E., 129
Schliesser, Eric, 22n.7, 26n.11, 28
Schmidt, Klaus M., 54–5
Schmittleber, Rolf, 127–8
Schmitter, Amy, 19–21
Schwarze, Bernd, 127–8
scientific method in economics, 49–66
behavior as utility maximization problem, 49–50
example of behavioral economics method, 50–5
norm compliance and, 60–4
for recognizing patterns of conduct, 55–60
“The Limitations of Scientific Method in Economics” (Knight) and, 49
Scottish Enlightenment, 5
Sefton, Martin, 129
self-deceit, avoiding, 103
self-evaluation, 104–5
self-interest, 4–6
self-love
actions in response to pleasure and pain, 79–80
as Axiom 0, 69–71
rule-governed systems and merit/demerit in judgments, 100–1
sense
English sense of “right” and “wrong,” 91
meaning of, 29–32
sentiments
defined, 21n.5
meaning of, 19–27, 20
Sentiments (Smith). See Theory of Moral Sentiments, The (Smith)
severe test, 112n.5
Sheremeta, Roman, 122n.15
Sherwood, Bradley, 175, 176–8, 196
Shields, Timothy, 122n.15
Shipman, Barbara, 59
Shogren, Jason F., 129n.2
Siegel, Sidney, 134–5
Simon, Herbert, 97
Smith, Adam.
See also human socioeconomic betterment; impartial spectator metaphor; Inquiry into the Nature and Causes of the Wealth of Nations, An (Smith); Theory of Moral Sentiments, The (Smith); words and meaning
conduct vs. behavior references by, 34–5
on human socioeconomic betterment, 197–207
invisible hand theory of, 5, 12n.19
Lectures on Jurisprudence, 90, 197–8n.1, 199n.2, 201n.4
morality theory of, 90–2 (See also context-specific action)
on Paradox of Value, 37
Principia, 46
on social maturation, 169–70
“The History of Astronomy,” 40
Index

Smith, Charles John, 21, 23, 35, 43, 84
Smith, Kip, 64
Smith, Vernon
on beneficence and extortion, 123, 123–5
on cooperation in single play vs. repeat play, 122n.15
on defection rate in trust games, 152n.9, 155–6
on “fairness,” 101n.5
“Forward and Backward Rationality in Achieving Cooperation,” 118n.11
on “mindreading,” 119n.12
repeat-play trust games, 120, 120–3
research procedures of, 121–2n.14
two-choice alternatives in simple single-play trust games, 112–19, 113, 117
voluntary trust game, 119–20, 120
Sobel, Joel, 162, 163
sociality and economy, 1–18
civil order of propriety and social order of propriety, 13–14
humanomics, defined, 2
modeling human action and, 8–12
property, exchange, and wealth creation, 14–16
Smith on “experiments” (See rules governing human conduct)
social foundations of rules, 95–6 (See also rule-governed systems)
social order and, 4–6
utilitarianism and, 12–13
utility maximization (Max–U) theory, overview, 6–8
social maturation, 169–70
Spraggon, John, 129n.2
Stacchetti, Ennio, 168
subgame perfect equilibrium, 52n.10, 110
sympathy
conduct and impulse for sociality, 43
sympathy and envy (Principle 3), 76–7
words and meaning of, 27–9
Theory of Moral Sentiments, The (Smith). See also conduct; context-specific action; game theory structure; rule-governed systems; rules governing human conduct; scientific method in economics; sociality and economy; trust games; trust games, new; words and meaning mapping outcomes in, 61–3 (See also scientific method in economics)

overview, 2–16
sociality and economy in, 3n.3
Wealth themes interconnected to, 205–6n.7
“Theory of the Reluctant Duelist” (Ellsberg), 133n.6, 135
trade, nature of exchange and, 205–7, 206n.8
Trend in Economics, The (Tugwell), 49
trust games, 109–26. See also narratives in trust games; trust games, new beneficence and extortion, 123, 123–5
Berg, Dickhaut, and McCabe (1995 experiment) on, 109–12
designing, predicting, and evaluating trust games, new (See trust games, new)
feeling-thinking experiences leading to, 23n.8
opportunity cost and intention, 119–20, 120
propriety and emergence of rules, 99
repeat-play trust and trust vs. defection, 120, 120–3
subgame perfect equilibrium, 110
traditional vs. Sentiments model, 146–7, 148
two-choice alternatives in simple single-play trust games, 112–19, 113, 117
trust games, new, 143–60
Baseline Trust (BT) game, overview, 144–5, 145, 178
describing trust/trustworthy action in, 146–7n.6, 146–7
designing, 143–4
gratitude and reward (Benefit Corollary 1), 156n.13, 156–8, 157, 157n.14
making predictions with, 159–60
No Punish Pass (NPP) game, 151, 151–2, 152n.9
propriety and emergence of rules, 99
Punish Either (PE) game, 158, 158–9
Punish Injustice (PI) game, 152–6, 153, 154n.11, 155n.12 (See also narratives in trust games)
Punish “Want of Beneﬁcence” (PWB) game, 149–51, 150, 198
PWB as “what is not,” 152n.10, 152
traditional vs. Sentiments model, 146–7, 148
trustworthiness, 174–5
Tugwell, Rex, 49
Tversky, Amos, 200
Two Treatises of Government (Locke), 13
Index

ultimatum games (UG), 127–42. See also narratives in trust games
binary choice forms of, 130–1
causality investigations with, 128–30
equilibrium play, voluntary play with gains from exchange, 134–5
equilibrium play in voluntary UG, beneficence cannot be extorted, 131–4, 132n.5, 133n.6
overview, 127–8
propriety and emergence of rules, 99
prudence in absence of extortion, 138–41
reciprocity and, 86
scientific method and measurement for, 52–3, 56–7 (See also scientific method in economics)
sociality and economy, 10
voluntary UG for division of fixed sum and variable sum, 135–8, 136, 137
utilitarianism, Hume on, 12–13
utility function
behavior in modern economics and, 35–40
defined, 27
utility maximization (Max-U) theory. See also trust games
behavior as utility maximization problem, 49–50 (See also scientific method in economics)
games and failure of, 173–4
overview, 6–8
preference expressed through choice, 38–40
Van Boening, Mark, 140–1
Van’t Wout, Mascha, 138
Varian, Hal, 36
Viner, Jacob, 3
voluntary trust game, 119–20, 120
Walker, James, 154n.11
Walras, Léon, 37
Watson, John, 49
Weber, Roberto, 60
Wierzbicka, Anna, 24–5, 29–30, 90–1, 201
Wilson, Bart
narrative treatments by, 175, 176–8, 196 (See also narratives in trust games; trust games, new)
voluntary variable-surplus ultimatum game by, 134, 139–40
words and meaning, 19–33
language for “right” and “wrong,” 90–1
passions, emotions, sentiments, and affections, 19–27, 20
as passive vs. active, 26
sense of propriety and, 29–32
sympathy and, 27–9