

Index

- Abdalla, M., 195
 acts (functions from states to outcomes),
 38–41, 55
 additive separability, 29, 30, 32, 56, 69,
 97, 130, 137, 165, 204, 209, 210
 Ainslie, G., 77
 Akbarpour M., 161
 Alchian, A., 217
 Alderman, H., 195
 Allen, R., 34, 183
 Al-Shawarby, S., 195
 Anscombe, F., 38
 arbitrage, 181, 214
 Armstrong, W., 104
 Arrow, K., 36, 60, 137, 154, 155
 Arrow-Debreu model, 2, 10, 136, 138,
 141, 150, 155
 Aumann, R., 38, 56, 145
 Austrian economics, 222
 availability test, 176–194, 196–199, 201,
 213
- Baumol, W., 224
 Becker, G., 9, 11, 13, 180
 Beckett, S., 224
 behavioral economics, xi, 4, 10, 11, 19, 20,
 52, 66–70, 72, 73, 75–77
 behavioral value function, 67–70, 72–75
 behaviorism, 36, 60, 62, 76, 102–104, 106,
 202
 Bernoulli, D., 30, 55
 better-than set, defined, 17, 26, 46
 Bewley, T., 56, 58, 86, 94, 97, 143, 148,
 204
- big-bang deregulations, 190–193,
 221
 Blume, L., 215
 Bossert, W., 205
 Bowen, W., 224
 Brooklyn, undesirability of, 186
 Brookshire, D., 169
 Brown, G., 168
 budget sets, 9, 49, 50, 91, 93, 100, 125,
 126, 131, 133, 138, 139,
 145
- Caballero, R., 222
 cardinal equivalence, 205
 Carson, R., 68
 caution, 21, 87, 89–91
 Cerreia-Vioglio, S., 97
 Cettolin, E., 102
 Chakraborty, A., 97
 Chambers, R., 148
 Chipman, J., 156
 choice function, 61, 62, 64
 choice function, sequential, 79–84
 civil law, 179, 224
 Coase, R., 185
 Cobb-Douglas utility, 107
 Common Agricultural Policy, 159
 compensation payments, 7, 158–162, 164,
 177, 178, 180–184, 186, 189, 192,
 194–196, 198, 200, 201,
 218–222
 competitive equilibrium, 2, 13, 24, 33, 35,
 49, 119–122, 124–150, 154, 172, 180,
 183, 185, 196, 215, 220–222

- completeness, 2, 4, 8, 13, 15, 19, 20, 25,
 34–36, 39, 41, 46, 59–61, 64, 65, 76, 78,
 84, 86, 87, 91, 93, 94, 105, 106, 144,
 155, 156, 163, 166, 168–171, 173,
 175–178, 185, 192, 194, 198, 202, 206,
 208–210
 complex decisions, 8, 39, 41
 concave functions, 26, 44, 56, 67, 68, 73,
 95, 97, 119, 120, 123, 126, 128, 130,
 165, 204, 206, 208
 Conlisk, J., 41
 consumer surplus, 156
 convex functions, 26, 67, 68, 70, 72, 73,
 75, 165
 convexity, 4, 9, 16, 26, 33, 35, 49, 50, 52,
 54, 56, 57, 99, 113, 115, 123, 131, 154,
 158, 173, 175, 194, 196, 197
 cost disease, 224
 Costa-Gomes, M., 102
 cost-benefit analysis, 6, 152, 153, 155, 156,
 163–171, 201
 creative destruction, 7, 187, 199, 213, 222
 Cubitt, R., 62
 Cueva, C., 102
 Cummings, R., 169
 Cunha, A., 159
 custom, 35, 95, 223

 dangerous trade, 109, 110, 179
 d'Aspremont, C., 205
 Davidson, D., 62
 Debreu, G., 15, 26, 122, 124, 154, 155
 decisiveness, local, 32, 44, 48, 49, 51, 67,
 69, 87, 89, 93, 95, 119, 120, 122, 134,
 154, 189
 deindustrialization, 200
 demand, 4, 5, 9, 15, 119, 120, 125, 126,
 131, 136, 139, 143, 145, 149–151, 180,
 183, 190, 191, 193–196, 198
 Diamond, P., 194
 Dierker, E., 151
 Dierker, H., 151
 Dillenberger, D., 97
 discounting, 77, 87, 88, 209, 211
 distribution of income, 7, 14, 153, 157,
 170, 171, 189, 195, 201–203, 205,
 207–209
 Dixit, A., 199
 Douglas, M., 224
 Drèze, J., 213
 duality theorem, 124
 Duesenberry, J., 91

 Durkheim, E., 224
 Dworzak, P., 161

 Easley, D., 215
 Edgeworth, F., 153, 203, 209
 Edgeworth box, 158, 187, 189
 Egypt, 195
 Eliaz, K., 102
 equilibrium correspondence, 142, 149
 exchange economy, 6, 32, 119, 123, 130,
 158, 173, 174, 187, 205, 208
 expected utility, 22, 30–32, 37, 40, 41,
 55–58, 87, 88, 97–99, 123, 128,
 204–209
 externalities, 6, 12, 13, 153, 154, 158, 160,
 163, 164, 174

 falsifiability, 76
 Fishburn, P., 35, 102, 104, 227
 free-trade, 196, 220–222
 Frey, B., 172
 Friedman, M., 217

 general equilibrium theory, 4, 6, 24, 25, 33,
 35, 122–129, 135, 144, 149, 150, 155,
 157, 172, 174, 175, 183, 184, 194–198,
 201, 210
 genericity of regular equilibria, 126, 127,
 129, 135, 136
 Gerasimou, G., 47, 102
 Gevers, L., 205
 Gilboa, I., 94, 97
 Grether, D., 77
 Grossman, S., 213
 Groves, T., 162
 Guesnerie, R., 155

 Hahn, F., 10
 Hammack, J., 168
 Hammond, P., 205
 Hammour, M., 222
 Hanemann, W., 68
 Harsanyi, J., 205
 Hart, O., 213
 Hausman, J., 68, 169
 Hayek, F., 222
 hedonism, 2, 3, 8, 10, 29–37, 41, 43, 59,
 63, 94
 Hicks, J., 34, 154, 156, 183, 184
 Hicks-Kaldor compensation criterion, 154
 Hildenbrand, W., 151
 history of economic thought, xi

- Homo Economicus, 3, 115
 Hurwicz, L., 145
 hyperbolic discounting, 12, 77
- impatience, 87, 211
 implementation, 162
 incomparability, lines of, 47, 48, 50–54, 56
 incomplete preferences, 3, 7–10, 13, 14,
 16–20, 25, 36, 43–58, 63, 64, 66, 70,
 75–78, 81, 83, 86, 92, 94, 101–111,
 113, 115, 137, 152, 153, 155, 156, 166,
 168–178, 180, 190, 193, 196, 202, 203,
 206–208, 210–212, 214
 incompleteness, behavioral, 108–113,
 115
 incompleteness, implicit, 81–84, 107
 indeterminacy of equilibrium, 136–145,
 149–151
 indifference, behavioral, 108,
 110–115
 indifference, implicit, 81–83, 107
 indifference, rarity of, 10, 16, 19, 47, 53,
 101–104, 106, 111–115, 183
 indifference curve, 1–7, 9, 10, 13–16,
 18–24, 32–35, 44, 48, 58, 67–69, 93, 98,
 100, 101, 111–113, 115, 119, 132, 143,
 157, 158, 187
 indifference relation, 18, 47, 101–115
 international trade, 7, 195–199, 219–222
 interpersonal comparisons, 161, 171, 201,
 202, 207, 208, 210
 intertemporal choice, 12, 21–24, 41, 60,
 66, 75–77, 91, 122, 124, 130–133, 203,
 209
 intransitivity, 12, 13, 18–20, 46, 61, 65,
 66, 78, 81–84, 86, 106, 108, 110
 intransitivity of indifference, 103–106,
 108
 irrationality, 3, 4, 9–12, 29, 31, 61–63, 76,
 85, 215–224
 irrationality-proofness, 215–218
 Isherwood, B., 224
- Jevons, W., 8, 30, 33, 203, 209
- Kahneman, D., 11, 66–70, 75, 172
 Kaldor, N., 154
 Karni, E., 11
 Khan, M., 155, 156
 Knetsch, J., 11, 67, 172
 Köbberling, V., 67
 Kominers S., 161
- Koszegi, B., 67
 Kreps, D., 1, 102
- Laibson, D., 12, 77
 laissez-faire, 159, 162, 164, 188, 193, 199,
 218
 Lancaster, K., 95
 LaValle, I., 227
 Lehrer, E., 94
 Leontief utility, 4, 22, 23, 95, 96, 100
 Levi, I., 55
 Levin, D., 11
 lexicographic preferences, 14
 liberalism, 35, 206–208, 211
 Lichtenstein, S., 77
 Lindman, H., 77
 local incomparability, 16–21, 23, 47–56,
 58, 68, 70, 72, 75, 88, 93, 100, 113,
 115, 137, 143, 155, 157, 163, 166,
 168–171, 173–175, 177, 188, 189, 192,
 193, 195, 196, 204, 211
 loss aversion, 10, 20, 67–70, 72, 86
 lotteries, 30, 31, 34, 37–40, 55, 77, 81
 Luce, R.D., 104
 Luechinger, S., 172
- Maccheroni, F., 94
 Mandler, M., 64, 73, 84, 110, 161, 167,
 175, 195, 210, 212, 215
 manipulation, 9, 12, 62, 66, 79–86, 103,
 105, 106, 108
 marginal rate of substitution, 2, 5, 6, 24,
 32, 44, 93, 122, 149, 154, 155, 158,
 162, 171, 174, 175, 177, 187, 189, 211,
 213
 marginal utility, 2, 4, 5, 8, 10, 30–33, 35,
 37, 43, 44, 68, 73, 74, 119–123, 128,
 129, 132, 134, 135, 144, 147, 149, 151,
 153, 154, 166, 171, 175, 202, 203, 207
 marginalism, 2, 10, 49
 margins, set of, 5, 6, 10, 14, 15, 17, 20, 21,
 23, 43, 48–54, 56, 57, 69, 88, 89, 91–93,
 96, 99, 113, 114, 120–122, 131, 137,
 139, 143, 152, 153, 155, 156, 163,
 168–171, 173–175, 211
 Marinacci, M., 94
 Marshall, A., xi, 29, 31–33, 119, 156, 209,
 218
 Masatlioglu, Y., 64
 Mas-Colell, A., 123, 145
 Maskin, E., 40
 mathematics in economics, xii, 24, 175

- maxmin expected utility, 97–99, 123, 124, 131, 132, 145–147
 McCloskey, D., 11
 McKenzie, L., 156
 McKinsey, J., 62
 Mill, J.S., 63
 min aggregation, 21–23, 87, 88, 91, 92, 94–99, 123, 124, 128, 131, 132, 145–147
 Miró, J., xii
 Mirowski, P., 32
 Mirrlees, J., 160, 194
 money pump, 19, 62
 Moore, J., 156
 Morgenstern, O., 34, 55

 Neilson, W., 32
 Nelson, R., 217
 neoclassical economics, early, 2, 5, 10, 24, 29–32, 36, 37, 41, 43, 48, 51, 59, 67, 93, 119, 120, 122, 134, 150, 153, 156, 174, 177, 203, 205–207, 209–211
 normal vector, 50, 52–54, 113, 114, 211
 normalized prices, 54, 56, 57, 120, 126, 141, 145–147, 173, 219
 Norman, V., 199

 O’Donoghue, T., 77
 Ok, E., 64, 102
 optimism-pessimism aggregation, 73–75
 ordering principles, 10, 29, 36, 37, 39, 42, 60, 78, 157, 213, 214
 Ortleva, P., 97

 Palmquist, R., 171
 Pareto efficiency, 2, 6, 7, 12, 14, 23, 24, 35, 49, 131–133, 153–180, 182–190, 192–201, 204, 210, 211, 215, 218, 222
 Pareto improvements, tenuous, 179
 Parsons, G., 171
 Pascoa, M., 123
 Peleg, B., 145
 perfect foresight, 18, 91, 138, 139
 Pigou, A., 153
 Plato, 62
 pleasure-seeking, *see* hedonism
 Plott, C., 77
 policy paralysis, 6, 7, 23, 24, 152–158, 160–176, 210
 Postlewaite, A., 145
 preference reversal, 77
 preferences, observability of, 25, 102–104
 preferences, welfare versus choice
 definitions, 9, 19, 60
 price stabilization, 187–201
 price-taking, irrationality of, 144–147
 priors, multiple, 55–58, 86, 97–99, 128, 146, 206
 probability, objective, 30, 37–39, 41, 55, 87, 132, 133, 147
 probability, subjective, 22, 37–41, 55–58, 87, 97–99, 123, 124, 128, 129, 131, 145–147, 204–209
 production efficiency, 177, 187–199, 214–222, 224
 production sets, 35, 194, 196, 197, 199, 215–217, 219–221
 prospect theory, 66–77
 protectionism, 199, 219–221
 public goods, 6, 23, 156, 159, 163–172, 203
 public utilities, regulation of, 189–193

 quantity stabilization, 180–186, 188, 200

 Rabin, M., 67, 77
 Radner, R., 41, 137
 rationality, 3, 4, 8–13, 15, 16, 19, 20, 29, 30, 34–36, 59, 60, 65, 66, 72, 75, 78, 84, 87, 144, 211, 214, 215, 217, 218, 222
 rationality, classical axioms of, xi, 1–4, 8–10, 12–14, 19, 20, 25, 33–36, 41, 59–61, 64–66, 69, 77, 78, 81–84, 86, 88, 89, 92–94, 104–108, 177, 214
 rationality of firms, 213, 215–221
 Rawls, J., 94, 201
 Raz, J., 109
 redistributive subsidies, 158–161, 189, 192, 193, 195, 198–200
 reference dependence, 67, 69, 70, 72, 77
 regular and critical equilibria, 125–129, 135–137, 141
 regularity in general equilibrium theory, 122–129, 135
 rent control, 185, 186
 rent-sharing, 188, 189, 198
 returns to scale, 180, 181, 196, 216, 217, 219–221
 revealed preference, 9, 12, 13, 15, 19, 20, 60–62, 64, 65, 78–85, 156, 171
 Richter, M., 15
 Riedl, A., 102
 Rigotti, L., 56, 123, 143
 Roberts, K., 205

- Rockafellar, R.T., 124
 Roederer-Rynning, C., 159
- Sadat, A., 195
 safe equilibria, 125–129, 140, 141
 safety bias, 3, 7, 16, 21–24, 86–100,
 120–149, 151, 175, 214
 Samuelson, P., xi, 34, 60, 78, 154, 156,
 165, 166, 196
 Samuelson, W., 67
 Sarin, R., 75
 Sattath, S., 77
 Savage, L., 38, 40, 41
 Schlee, E., 48, 156
 Schmeidler, D., 47, 94, 97
 Schulze, W., 169
 Schumpeter, J., 187, 211, 218, 222
 Scitovsky, T., 154
 semiorders, 104
 Sen, A., 62, 205, 210
 sequential-trading equilibria, 138–141
 Shannon, C., 56, 123, 143
 Simon, H., 41
 Sinden, J., 67
 Slovic, P., 77
 Slutsky, E., 183, 184, 186
 Smith, A., 162
 social welfare, 6, 161, 162, 171, 175,
 205–209
 Sondermann, D., 151
 state-contingent goods, 55, 57, 205, 210
 states of the world, 3, 8, 22, 38–41, 55–58,
 68, 87, 97–99, 122, 123, 128, 131–136,
 145–147, 203–210
 status quo bias, 3, 7, 10, 12, 15, 19, 20, 59,
 62–68, 70–84, 86, 89, 94, 105–110, 223
 status quo bias, optimality of, 65, 66, 75,
 78, 79, 82–84
 Stutzer, A., 172
 Sugden, R., 62, 67
 Sunstein, C., 76
 Suppes, P., 62
 supporting price vector, 212
 supporting prices, 6, 17, 20, 24, 26, 50–54,
 56, 57, 93, 96, 120, 145, 173, 177, 187,
 189
 supporting prices, interval of or set of, *see*
 margins, set of
 Swinbank, A., 159
 Switzerland, xii
 symbolism, 32, 224
- technocracy, 76, 157, 166, 167,
 174
 technological change, 7, 177, 187, 190,
 193, 199, 213, 215, 217, 222, 224
 Tejiščák, M., 102
 Temin, P., 11
 Teper, R., 94
 Thaler, R., 11, 67, 76
 Tirole, J., 40
 Totrep, 1, 2, 4, 8
 transitivity, 2, 8, 13, 15, 18–20, 25, 34–36,
 47, 48, 52, 59–62, 65, 76–78, 81, 83–85,
 93, 101, 103–109, 111, 112, 115, 173,
 196, 214
 Trockel, W., 151
 Tversky, A., 66, 68–70, 77, 115
- unanimity aggregation, 17, 20, 21, 43–48,
 51, 54–58, 70–73, 75, 88, 90–94, 101,
 111, 163, 166, 169, 173, 204, 205
 utilitarianism, 63, 153, 154, 157, 163, 164,
 166, 167, 170, 171, 175, 177, 199,
 201–212
 utility representation, existence of,
 35
- valuations, interval of or set of, *see*
 margins, set of
 Vohra, R., 155
 volatility of prices, 5, 6, 15, 24, 33,
 119–151, 213
 von Neumann, J., 34, 55
- Wakker, P., 67, 75
 Walley, P., 55
 Walras, L., 33
 welfare theorem, first, 23, 33, 154, 155,
 157–160, 162, 164, 172–175, 183, 187,
 193, 212, 218
 welfare theorem, second, 23, 33, 154, 155,
 157–162, 164, 172, 173, 175, 187, 193,
 203, 215, 218
 welfarism, 210
 Werlang, S., 123
 Weymark, J., 205
 wiggle room problem, 178, 182
 willingness-to-accept/willingness-to-pay
 disparity, 12, 20, 67, 68
 Winter, S., 41, 217
- Zeckhauser, R., 67