

Index

- absolute overpopulation, 72
- abstraction, v, 13–14, 17
- accumulation of knowledge, vi, 54, 61, 63, 68–69, 72, 74, 81, 84, 86–88, 90, 93–94, 99, 107, 109, 111, 122, 126–127, 131, 136, 144–145, 151, 160, 165–168, 174, 177, 182, 185, 193–194, 215
- Acemoglu, vii, 3, 97–99, 103–108, 113–114, 119, 185, 187, 199, 202, 232
- adaptation regime, 5, 215–217, 219, 221
- Africa, 106
- Aghion, 29, 232–233
- Agriculture, 56
- Allen, 53, 75, 96–97, 99, 106, 114, 116, 160–161, 232–233
- Arrow, 57, 232
- Asia, 106
- Bairoch, 78, 129, 232
- Barro, 3, 29, 167, 197, 232
- biodiversity, 1
- Black Death, 39, 75
- Boisguilbert, 32, 232
- Botero, 11, 232
- Boulding, 154, 233
- Braudel, 36, 52, 116, 225, 227, 233
- budget constraint, 167–168
- Cantillon, 55, 130, 162, 233
- capacity constraint, 133
- capitalism, 116, 119
- change
 - institutional, 103–104, 113, 117–119, 121–122, 124, 128, 186, 188, 193, 196, 201
- child mortality, 55
- China, 25, 36–37, 40, 42, 69, 71, 96–97, 99, 113, 199
- Clark, 26, 48, 51, 53, 76, 96–97, 99, 106, 233
- Condorcet, 13, 102, 233
- congestion, vii, 5, 131–132, 134–137, 144, 151–152, 154, 213–214, 222
- congestion regime, 136, 152
- consumption, 18–19, 22, 25, 51, 82, 155, 163, 166–169
- convergence, 9, 13, 42
- Cournot, viii, 162–164, 169, 233
- Crafts, 76, 233
- critical threshold, 3, 5, 24, 31, 65, 68, 71, 80, 84, 88, 91–92, 94, 98, 107, 110–112, 114–115, 121, 123–124, 128, 130, 132–133, 136, 140, 142, 144–145, 152–154, 171, 173–175, 177–178, 180, 182, 185–186, 191, 194, 196, 199–200, 206–207, 211, 217, 219, 224, 226
- Darwin, 10, 233
- de la Croix, 3–4, 6, 166, 233
- depopulation regime, 5, 145–147, 151–152, 216–217, 219, 221
- divergence, 178, 180
- division of labour, vi, 16, 81–83, 134
- dynamics of institutions, 111
- economic development, 2, 14, 22, 73–74, 82, 103, 113, 118, 126, 128, 137, 185, 231, 233, 235
- economic growth, vi, 1, 3, 22, 26–27, 29, 51, 73, 75, 81, 91, 102, 106, 127, 131, 154, 185, 187, 225, 229, 232–234, 236
- economic take-off, v, 1, 4–5, 23–24, 36, 78–79, 97, 99, 113, 115, 127, 160, 175, 177, 180, 183, 185, 187, 189, 194, 196–197, 200, 202, 215
- education, viii, 3, 5, 23, 105, 160, 165–175, 177, 179–180, 182–183, 185, 189, 194
- Eltis, 30, 53, 64, 76, 119, 233
- Engels, vi, 15, 72–73, 76, 83, 235
- England, 10, 13, 21, 24, 79–80, 106, 113, 116, 160, 234
- entrepreneurs, 111, 114, 116, 196
- environmental damage, vii, 1, 5, 131, 139–145, 147, 151–152, 154, 204, 206–209, 211, 213–217, 219, 221–222, 231
- environmental effort, ix, 205–206, 208–211, 213, 217, 219, 221–222
- Europe, 23, 25, 75, 106, 116, 161, 201
- evolutionary advantage, 96
- extrapolation, 228–229
- famine, 12, 74
- fertility, 162, 183

- Foley, 3, 119, 154, 233
 forecasting, 155, 229–230
 Forrester, 155, 233
 Foucault, 228–229, 233
 France, 13, 21, 24, 32, 34, 36–37, 40, 42, 71, 92,
 96–97, 106, 113, 199, 228, 232, 236
 French Revolution, 116–117
 Galor, 2–4, 30, 45, 48, 53, 64, 76, 99, 159, 165,
 167, 183, 202, 225–226, 233
 Germany, 24
 Glorious Revolution, vii, 97, 104, 106, 113–114,
 117
 Godwin, 13, 102, 162, 234
 gross domestic product, 33, 227
 growth regime, 5, 53, 75, 79–80, 88, 90, 99,
 101–102, 104, 111, 115, 124, 126–127, 130,
 136, 145–147, 152, 161, 174–175, 178, 182,
 185–186, 194, 196, 201, 215–217, 219, 231
 Harrod, 28, 234
 historical continuity, 228
 historical discontinuity, 226
 historical materialism, 14–15, 31, 119
 Howitt, 29, 232
 incentives, 97, 103, 105, 107, 111, 126–127, 185,
 187
 income per capita, 62, 65, 99
 India, 25, 36–37, 40, 42–43, 69, 71, 96–97, 99,
 113, 199
 individual decisions, viii, 5, 105, 159, 162–163,
 165–166, 177
 Industrial Revolution, vii, ix, 45, 53, 98–99, 106,
 113–114, 116, 182, 199
 industrialisation, 155
 inequality, vii, 104, 118–126, 128–129, 170, 202,
 210, 214, 234–235
 initial conditions, viii
 innovation, 97, 106–107, 113–115, 126–127, 187,
 194, 196
 International comparisons, v–vi, viii, 36, 39, 42
 international trade, 23
 investment, viii, 21, 23–24, 28, 46, 96, 105,
 165–166, 168–172, 174, 179–180, 183, 185, 207
 Italy, 96
 Japan, 25, 36–37, 40, 42, 69, 92
 Jevons, viii, 162–164, 169, 234
 Jones, 3, 41, 160, 234
 Kaldor, 19, 58, 234
 Keynes, 17, 234
 King, 32, 234
 Kondratiev, v, 4, 10, 19–20, 30, 33, 43, 54, 142,
 153, 227, 234–235
 Kremer, vi, 5, 29, 57, 80, 83, 99, 127, 134, 185, 234
 Kuhn, 56, 234
 Kuznets, 26, 124, 128, 236
 land, vii, 9–10, 12–13, 19, 32, 38, 54–58, 60, 62,
 70–71, 74, 79, 81, 92–93, 96–97, 100, 106, 118,
 120, 129–132, 140–142, 145, 165, 168, 177,
 215
 latent dynamics, viii, 3, 5, 31, 91, 98, 104, 111, 127,
 160, 165, 175, 177, 182, 196, 227, 230–231
 latent variable, 111–112, 122, 153, 165, 175, 224
 lifestyles, ix, 5, 32, 140, 159, 166, 175, 185,
 204–206, 208, 211, 213–217, 221, 230, 233
 literacy, 160, 182
 living standards, 51, 160
 long cycles, 9, 13, 21, 30, 124
 long-run dynamics, 64, 76, 86, 90, 118–119, 122,
 130–131, 137, 144, 147, 165, 175, 183, 219, 222
 Lucas, 29, 46, 235
 Maddison, 34–35, 37–38, 40–42, 48, 69, 228, 235
 Malthus, v, 2, 4, 10–14, 16, 30, 43, 45, 52–53,
 61–62, 69, 72–76, 79–80, 87, 99–100, 102, 130,
 132, 152, 162, 233, 235
 Malthusian regime, 30, 228
 Marshall, v, vii, 4, 10, 17–19, 27, 29, 32, 81, 132, 235
 Marx, v, 4, 10, 13, 15–16, 20, 30, 72–73, 76,
 118–119, 153, 162, 226, 233, 235
 means of subsistence, 10–16, 30, 44, 52–53, 62,
 72–74, 132
 Michel, 3–4, 154, 166, 233, 235
 Michl, 3, 119, 154, 233
 Milanovic, 119–120, 124, 128, 235
 Moav, 2, 159, 183, 225–226, 233
 mode of production, 15–16, 72–73, 119, 153
 modern growth regime, 87, 98
 Mokyr, 76, 202, 235
 Morishima, 119, 235
 mortality, 12, 32, 55, 183
 natural environment, viii, 4–5, 56, 130–131, 137,
 140–142, 144, 147–153, 159, 204–207, 209,
 213, 215, 217, 219, 221–222
 non-regeneration regime, 145–148, 151–152, 205,
 215–217, 219
 non-reproduction regime, 205
 Nordhaus, 33, 154, 235
 North, vi, 33, 37, 45, 48, 100, 103–104, 107, 118,
 128, 185, 202, 232–233, 235–236
 October Revolution, 117
 overpopulation
 absolute, vi, 14, 53, 72, 132, 137
 relative, vi
 participation
 citizen, viii, 5, 186, 188–196, 198–203
 partitioning of history, 228

- period analysis, 17, 36
- Petty, 32, 234, 236
- Piketty, 124, 128, 236
- political institutions, 105, 107, 117, 127, 202, 231
- pollution, vii, ix, 5, 131, 137, 139–140, 142, 144–147, 151, 153–155, 204–208, 211–214, 216–219, 221–222, 235
- Poor Laws, 10, 53, 72, 102
- population contraction, 146, 217
- population density, 113, 132, 155
- population growth, vii, 1, 9, 13, 27–28, 39, 43, 45, 47, 52, 54, 61–64, 68–69, 71–75, 77–78, 86–88, 90–91, 93, 97–98, 100, 102, 109–110, 122, 124, 127, 130–133, 136, 140, 142, 144, 146, 153, 174, 185, 193, 196, 204–205, 214–217, 221, 231
- positive check, 12
- poverty, 1, 10, 46, 91
- preferences, viii, 168, 172, 174–175, 178, 180, 182, 184–185, 192, 201, 203, 226, 232
- preventive check, 12
- principle of population, v–vi, 11–12, 43, 52, 54, 61–62, 64, 69, 72–74, 76, 103, 230
- production factors, 18, 20, 54–55, 57–58, 103
- production function, v–vi, 27–28, 57–58, 71, 77, 85, 110, 165
- productivity of labour, 168
- property rights, 102, 114, 120, 128
- qualitative change, vi, 3, 5, 20, 43–45, 47, 90, 111–112, 165, 180, 196, 224
- quality of institutions, vii, 74, 104, 106–107, 109–110, 112, 121, 123–124, 127, 153, 188, 192–196, 198, 203, 222
- quantitative change, 3, 20
- recycling, 204
- regime shift, vii, 90–91, 99, 104, 111, 130, 153, 160, 165–166, 175, 182, 185, 194
- Ricardo, 13–14, 31, 76, 118–119, 164, 230, 235
- Robinson, vii, 97–99, 103–108, 113–114, 119, 185, 199, 202, 232, 234
- Romer, 29, 41, 160, 234
- Rostow, v, 4, 10, 22–25, 27, 30, 36, 42, 54, 92, 99, 127, 155, 202, 229, 236
- Sala-I-Martin, 3, 167, 232
- scale effects, 5, 29, 81–82, 84, 86–88, 91, 94–95, 97–99, 102, 113, 130, 132, 134–136, 144, 146–147, 175, 213–214, 217, 222, 231
- Schumpeter, 9, 226, 236
- Smith, vi, 12, 18, 31, 81–82, 134, 162, 236
- Solow, v, 2, 4, 10, 26–29, 45–46, 225, 233
- Spain, 96
- Sraffa, 119, 236
- stagnation regime, 5, 51, 68, 75–76, 79–80, 87–88, 90, 98, 100, 102, 104–105, 110–111, 115, 123–124, 126–127, 130, 136–137, 144, 146, 153, 160–161, 174–175, 178, 180, 182, 185–186, 193–194, 196–197, 201–202, 215–217, 219, 231
- stationary equilibrium, v, 18–19, 28, 46, 65
- stock of knowledge, vii, 1, 56, 67–68, 89–90, 94–96, 98, 100, 103, 112, 171–175, 177–178, 182, 185
- technological advance, 95, 97
- technological progress, 4–5, 29, 61, 63, 83–84, 107, 126, 132, 134, 152, 174, 186, 194
- technology, 2–3, 23, 25, 27, 32–33, 56, 82, 128, 131, 155, 159, 234
- transition, 2–3, 5, 23, 29–30, 44, 46–47, 53, 75, 79–80, 87–88, 90–91, 98, 102, 111, 124, 127–128, 130, 153, 159, 161, 174–175, 182, 185–186, 194, 196, 201, 214, 224, 226, 231, 234–235
- Turgot, 9, 236
- Unified Growth Theory, v–vi, viii, 2–3, 5, 9, 29–31, 33, 41, 45, 47, 53, 152–153, 159, 165, 167, 177, 201–202, 221, 224, 226–231, 233
- United Kingdom, 36–37, 40, 42, 69, 71, 92, 96–97, 104, 113, 115, 182, 199–200
- United States, 12, 24–25, 35–37, 40, 42–43, 62, 69, 92, 96, 204
- urbanisation, 155
- wage, 12, 33, 58, 75, 106, 119, 162–163, 167–168
- Walras, 27, 236
- Weil, 2–3, 159, 183, 232–233
- Weyland, vi, 73–74, 76, 83, 99, 111, 134, 236
- Wrigley, 39, 53, 75–76, 98, 162, 236