

INDEX

- Aghion, P.
 ‘capitalization effect’ 192, 203, 205, 211
 ‘creative destruction’ 205-6, 207, 210, 211, 222-3
 market imperfections and accumulation of human capital 142
 post-Keynesian growth theory and 266
 Schumpeterian approach xviii, 205
- Akerlof, G. A. xviii, 192, 211-14, 223
- Alchian, A. A. 192
- Alesina, A. xvii, 127, 136, 137, 139
- Allen, R. G. D. 155
- Arrow, K. J. 227
- Arthur, W. B. 101-2, 104, 107, 108
- Baldacci, Renato xvi
- bargaining
 between firms and workers, 201
 power approach 243, 247-52
 wage, unions and 243-4, 252-5
- Barone, Enrico
 ‘Hicksian’ marginal productivity theory compared 146-7
 ‘input demand’ and 154-8
 marginal productivity theory 148-61, 197
 surplus approach and 158-61
- Barro, R. J. 229
- Bean, C. 250
- behaviour
 consumer, equilibrium unemployment theory and 204
 entrepreneur, efficiency wages and 256-7
 firm 199-201, 267-8, 271, 272
 Kaleckian models and long-run economy 290
 worker, efficiency wages and 257-8
- Bellino, Enrico xviii
- Benabou, R. xvii, 127, 136, 140, 142
- Benassi, C. 267, 279
- Bertola, G. xvii, 127, 136, 137, 139
- Beveridge curve 201, 206
- Billari, F. C. 122
- Blanchet, D. 104, 107, 108, 110
- Boggio, Luciano xviii, 214
- Boitani, A. 279
- Bolton, P. 142

- Bongaarts, J. 104
Booth, A. 253
Braff, A. 127
Brainard, W. C. 178, 183
Brander, J. A. xvii, 54, 56, 70
Bruno, M. 250
budgetary constraint 137-8
Buiter, H. Willem 167, 178
- ‘Cambridge equation’ xiv
Canonical Ricardian Model
 constant elasticity of marginal product curve of labour 40-41
 equilibrium 41-8
 extension of 38-9
 long-run equilibrium and local stability 39-40
 natural wage dynamics and 30-31, 36-8
 see also Ricardian growth model
- capital
 accumulation of *see* capital accumulation
 demand function 200
 depreciation of 110
 dilution of 101, 105-10
 human 207, 209
 intensity of 174-5
 share of 110
 theory of, xiv, 130, 146
 utilisation 290-91, 295-6, 301
- capital accumulation
 classical theory and xi, 3, 37
 general equilibrium model 5
 Goodwin’s cyclical growth model 6
 Harrod–Domar instability and 195
 human, 136, 140-42
 Kaleckian models 290, 292, 294-5
 Marx’s analysis 79, 81, 82, 84-5, 92-3
 neoclassical theory 133, 135, 137, 138
- capital-employment ratio 235
capital-labour ratio 129, 195-8, 213
capital-output ratio
 disequilibrium unemployment theory 212, 217
 equilibrium 3-4
 Harrod–Domar instability 195
 Goodwin’s cyclical growth model 8
 post-Keynesian theory xiv
- capitalism/socialism transition 80, 90-94
capitalization effect 192, 203, 205, 208

- Carlin, W. J. xviii, 244, 251, 259
Casarosa, C. 28
Caserta, M. 288-9
Chick, V. 288-9
Chirco, A. 267, 279
Clark, N. 82
Cobb-Douglas production function
 age-related heterogeneity 102
 capital dilution and intergenerational transfer effects and 105-6, 108, 110
 Kotlikoff-Gokhale compared 112-13
 constancy of income shares and 132
 neoclassical disequilibrium model 234
 optimal population growth rate and 104
 Solow-type model 113-14
 see also production function
Cobb-Douglas-type biperiodical utility function 137-8
Colombo, C. 267, 279
Commendatore, Pasquale xix
competition
 efficiency wages and 256
 Marx's analysis 81, 82-3
 neoclassical theory xiii, 140
 post-Keynesian growth theory 267-8, 270-71
 wage bargaining and unions and 252
conflict
 distributive 244, 246, 249-52
 Goodwin's cyclical growth model 5-6, 245-6
 perpetual 216
 social 11-20
consumer
 behaviour of 204
 endogenous fiscal policy and 137, 138-9
consumption
 choice, natural wage dynamics 29-30, 31-6
 disequilibrium unemployment theory and 215, 220-21
 dynamic efficiency/equity conflict and 106-7, 108, 111
 Goodwin's cyclical growth model and 246
 luxury xvii 57, 58, 65, 66
 neoclassical theory 137-8, 140-41
 productive 159-60
 subsistence 57, 58, 65, 66
Cooper, R. 267, 278, 279
cost
 classical theory and xii
 minimisation 150-51
 post-Keynesian theory 267-8

- U-shaped curves 151-2, 156
 - see also* ‘paradox of costs’; prices
- Cowling, K. 269
- ‘creative destruction’ 192, 205-11
- credit 90-91, 140-42
- CRRA social utility function 11
- Cugno, F. 246
- ‘cumulative causation’ xv-xvi
- customs *see* habits and customs
- Cutler, D. M. 104-5

- D’Agata, Antonio xviii-xix
- D’Alessandro, Simone xvii
- Darwin, Charles xvii, 80-83, 95
- Delli Gatti, D. 279
- demand
 - aggregate, equilibrium growth path and 3-4
 - effective xiii, xix
 - factor 147-8, 154-8
 - Kaleckian models 288-9, 296
 - labour, for xi, 243
 - short-run economy and 293
- Diamond, P. 177
- disequilibrium models with increasing returns
 - common notations and assumptions 229-31
 - Goodwin-type model 231-4
 - neoclassical model 234-8
- disequilibrium unemployment theory
 - Akerlof–Stiglitz framework 212-14
 - Goodwin-type model 211, 213, 223
 - growth-cycle approach 211-17
 - post-Keynesian dynamics (van der Ploeg) 214-17
 - structural change 218-22
 - see also* equilibrium unemployment theory
- distribution
 - age xvii, 101-2, 103, 104-5
 - conflict in 244, 246, 250, 251-2
 - inequality in 143
 - institutional xiv
 - product 36
 - wealth 102, 117-21, 142
 - see also* growth and distribution; income distribution
- Dixon, H. D. 267
- Domar, E. xiii, 3-4
 - see also* Harrod–Domar instability; Harrod–Domar model
- Downwards, P. 269

Duménil, G. 81-2, 288, 289, 290
Dutt, A. K. 269, 288, 289, 290, 292
dynamic efficiency and equity 101-3, 111-6, 121-2
 income and wealth distribution among workers 117-21
 neoclassical growth models 103-10
dynamics
 structural, disequilibrium unemployment theory and 220
 co-evolution of population and natural resources 62-5
 Kaleckian models 297-302
 linear age structured populations, equilibrium theory 103-4
 long-run, cyclical evolution of economy and 192-3
 natural wage *see* Canonical Ricardian Model; Ricardian growth model
 neoclassical theory xiii-xiv
 post-Keynesian theory xiv, 214-17

Easter Island 64-5
Edgeworth, F. Y. 151
education 140, 141-2
‘efficient bargaining’ model 252, 253-5
effort function 256-7, 258-9
Eichner, A. S. 266, 269, 270, 271, 272
employment
 economy without social conflict or optimal saving and 12
 equilibrium growth path and 4
 full, as long-run condition of growing economy 191, 196-8
 neoclassical theory and xiii-xiv, 129-31
 post-Keynesian theory 269
 rate of 7-8
 real wage and labour productivity and 8
 social conflict determining 5-6
 steady state equilibrium with full 279-81
 see also unemployment
entry 266-81
equilibrium
 approach to unemployment 192, 198-211
 balanced growth, wealth distribution among workers and 119-21
 Canonical Ricardian Model 41-8
 conditions 170-74, 179-81
 dynamic *see* Goodwin’s cyclical growth model
 general 4-5
 growth path 3-4
 multiplicity of 19-20
 Nash 14, 20
 prices 266-81
 society with social conflict and optimum saving and 14
 steady state xii, 21-3, 267-71, 279-81

theory of linear age structured populations dynamics 103-4
unemployment theory *see* equilibrium unemployment theory
see also long-run equilibrium
equilibrium unemployment theory 192, 198
‘creative destruction’ approach 205-11
‘search’ models 198-205
see also disequilibrium unemployment theory
equity, dynamic efficiency and *see* dynamic efficiency and equity
Eriksson, C. 204
evolutionary approach
analogies 81-3
in *Capital* 83-90
Marx’s analysis of structural change and 79-81
expenditure *see* cost

factor
demand for 147-8
markets for 196-8
prices of 152-3
shares of, 5-6, 7, 19
substitution xiii-xiv

Fanti, Luciano xvii, 246

fertility *see* population growth

Fiaschi, Davide xvii

financial growth models (Tobin) 167-9, 184
dynamic aggregative model 169-74
Nobel lecture 178-84
superneutrality of money and (1965 essay) 174-8
see also Harrod-Domar instability

firm
behaviour of 199-201, 267-8, 271, 272
‘creative destruction’ approach 205-6
survival of 268-9
see also competition

fiscal policy
endogenous 136-9
market imperfections and accumulation of human capital and 142
see also government policy

Fischer, S. 177

food 32, 34

Galor, O. xvii, 127, 136, 140, 141-2

Giammanco, Maria Daniela xvii

Gokhale, J. 112

goods market
competition in 252

equilibrium conditions in (Tobin) 170-71, 179-80

see also markets

Goodwin, Richard M. *see* Goodwin's cyclical growth model; Goodwin's real wage function

Goodwin-type model 211, 213, 223, 231-4

Goodwin's cyclical growth model 6-9

disequilibrium models with increasing returns 228-9

economy without social conflict or optimal saving 11-14

fluctuations 21

real wages and unemployment 244, 245-7, 259

society with social conflict and optimum saving 14-18

society with social classes 9-11

unemployment and growth xviii, 192, 211, 213, 223

Goodwin's real wage function

efficiency wages 255-9

labour market and 243-4, 259-60

real wage curve 244-7

unemployment and real wages and 247-52

wage bargaining and unions and 252-5

government policy

equilibrium growth path and 4

influence on distributive variables xviii

post-Keynesian theory 270

steady state with full employment and 279

Tobin's financial growth models and 168

see also fiscal policy

growth

balanced equilibrium 119-21

endogenous 134-6

neoclassical models 103-10, 195-8

personal distribution of income and 127-8

see also financial growth models; population growth

growth and distribution

age-related heterogeneity 102-3

classical theory xi-xiii, xv-xvi, 3-6

contributions summarised xvii-xix

cyclical growth model *see* Goodwin's cyclical growth model

endogenous fiscal policy 137-9

endogenous growth, role of profit rate and 134-6

human capital accumulation, market imperfections and 140-42

income shares 130-32

inequality, from distribution to 143

neoclassical theory xiii-xiv, xvii-xviii, 127-8, 196-8

new growth theory xv-xvi

post-Keynesian theory xiv-xv

social conflict and multiplicity of equilibria 19-20

unemployment relationship, general equilibrium model 4-5
see also distribution; income distribution

Grubb, D. 250, 251

habits and customs 28-9

Hahn, F. xv

Hall, R. L. 268

Harcourt, G. C. 269

Harrod, R. F.

dilemma of knife-edge 6, 13, 21

equilibrium growth path 3-4

exogenous growth model 10, 11

interest rate 175

Harrod-Domar instability

growth and unemployment and, neoclassical solution 195-8, 222

real wages and 244

Tobin's dynamic aggregative model as response to 169-70

Harrod-Domar model

growth and unemployment 191, 193-5, 222

post-Keynesian growth model and 270

Hegel, Georg Wilhelm Friedrich 94

Hellerstein, J. K. 112

heterogeneity

age-related 102-3

economic patterns, in 101-2

personal distribution in neoclassical growth model 132

see also Solow-type model with heterogeneity in productivity profile by age

Hicks, J.

early marginal productivity theory 146, 148

elasticity of marginal product curve of labour 39

marginal productivity theory 147, 151, 154, 155

stable focus equilibrium 46

Hitch, C. J. 268

Hodgson, G. M. 82, 95

Hollander, S. 39, 46

Howitt, P.

'capitalization effect' 192, 203, 205, 211

'creative destruction' 205-6, 207, 210, 211, 222-3

market imperfections and accumulation of human capital 142

post-Keynesian growth theory and 266

Schumpeterian approach xviii, 205

hysteresis 289

income

constancy of share of 130-32

dynamic efficiency/equity conflict and 106-7, 111
general equilibrium model 4
inequality of xvii
real 30
share of 291-2
society with social conflict and optimum saving 15
see also wages
income distribution
conflict and 245-6
functional xiii-xiv, 5, 128-30
general equilibrium model 4-5
inequality, endogenous fiscal policy and 139
Kaleckian models 291, 299
neoclassical tradition xvii
personal xii-xiv, 127-8, 132-4
post-Keynesian growth theory and 266
real wages and employment and 243, 248-9
Ricardian models 37, 57-9
social classes 6, 10-11
Solovian model and 102, 196-8
workers, dynamic efficiency/equity conflict and 117-19
see also distribution
inequality
income and wealth, age distribution and xvii
Kaleckian models 298
neoclassical tradition 137, 139, 142, 143
Ricardian model 62-9
inflation
disequilibrium unemployment theory 217
Goodwin's cyclical growth model 246
real wages and unemployment and 244, 249, 250, 251
inheritance 141
innovation *see* technical progress
instability
economy without social conflict or optimal saving 13
increasing returns and xviii
Marx's analysis of structural change and 80
neoclassical theory and xiii
see also stability; Harrod-Domar instability
interest 175-7
investment
equilibrium growth path and 3-4
general equilibrium model 4
Goodwin's cyclical growth model 6, 8, 20-21, 246
Harrod-Domar model 13, 193-4
Kaleckian models 288, 290, 292

market imperfections and accumulation of human capital and 140, 142
post-Keynesian theory xiv, 269-70
short-run economy and 293
society with social classes and exogenous saving 10
Tobin's Nobel Lecture and 178-9, 183

Jackman, R. 250, 251

John, A. 278

Johnson, H. G. 168

Juma, C. 82

Kaldor, Nicholas

growth and distribution theory xiii, 227, 228
institutional distribution xiv, 272
'neo-Pasinetti theorem' xiv
post-Keynesian growth theory xiv, 4-5, 266
pricing theory 269, 281
Ricardian growth model and 27
steady state with full employment 279
Kalecki, Michail xviii, 244, 247-9, 259, 269
Kaleckian models 288-303

dynamics 297-302

long-run economy 294-7

short-run economy 293-4

Kenyon, P. 269

Keyfitz, N. 102, 103, 106

Keynes, John Maynard

effective demand theory xiii, xix, 218-9

pricing theory and steady state equilibrium in post-Keynesian theory and 269

Say's Law and 279

Tobin financial growth models and 168, 175, 177

King, R. G. 184

Kohler, H. P. 122

Kotlikoff, L. 112

Kregel, J. 266, 269, 270, 272

Kurz, H. D. xv-xvi, 136, 272, 276

labour

alienation of 79, 84

demand for xi, 243

division of xv, xvi, 79, 82, 87-90

elasticity of marginal product curve of 39, 40-41

power of xi, 79, 83-4

supply of xi

see also unions; workers

labour market

age of entry, capital dilution and intergenerational transfer effects and 110
equilibrium 172-4, 181, 198-9, 203-5, 206
general equilibrium model 4-5
Goodwin's cyclical growth model and 246-7
Harrod-Domar model 194
Ricardian model 37-8
search of labour, 198-9, 204, 206
see also markets; Goodwin's real wage function

labour productivity
classical theory xi-xii
disequilibrium unemployment theory 221-2
economy without social conflict or optimal saving and 13
equilibrium unemployment theory 202-3
Goodwin's cyclical growth model 6
neoclassical disequilibrium model 235, 236
real wage and employment and 8
see also marginal productivity theory; production

Lam, D. 105

land
classical theory and xi, 3
ownership of 65-69, 73-6
property rights to xvii, 65-6, 67, 68-9

Lavoie, M. 288, 289

Layard, R. 250, 251

learning by doing
new growth theory and xv
Solow-type model and 115-16

Lee, F. 269, 270

Lee, R. D. 103, 104

Leontief, W. W. 253, 291

Lévy, D. 81-2, 288-90

Limosani, Michele xviii

Lindh, T. 105

long-run equilibrium
growth path 194-5, 196
interrelated prices and input use and 156
local stability and 39-40
unemployment and 191-2, 201-2, 204-5, 210-2, 216
see also equilibrium

Lucas, R. E. 135, 184

MacDonald, I. 253

machinery *see* technical progress

Malmberg, B. 105

Malthus, T. R. 28, 34-6, 48

Manfredi, Piero xvii, 246
Mankiw, N. G. 105, 267, 279
manufacture 87-8
marginal productivity theory 146-8, 162-3, 197
 surplus and 158-61
markets
 entry into 270-71
 equilibrium conditions in 170-74, 179-81
 factor 196-8
 financial 171-2, 180-81
 imperfections 140-42, 198-9, 204-5
 power of 292
 see also goods market; labour market
Marris, R. 269, 272
Marshall, A. 267
Marx, Karl
 biological analogy 79-80
 capitalism/socialism transition 90-94
 classical theory and xii
 cooperation 86-7, 89
 evolutionary approach and 81-3
 evolutionary aspects 83-90
 expansion and recession cycles 6
 immanent law 81-2, 90
 reproduction 84
 structural change analysis in *Capital* 79-81, 95
 technical progress to xvii, 79, 82-3, 88-90
Mastromatteo, Guiseppe xviii, 217
McNicoll, G. 101-2, 104, 107, 108
Miles, D. 115-6, 119
Mirrlees, J. A. 4
Modigliani, F. xiv
money 174-8, 182
Montrucchio, L. 246
Mortensen, D. T. 192
motion
 equations of 59-61
 laws of 37-8
Mott, T. 268, 269

Nelson, R. R. 81
Neumark, D. 112
Newton, Sir Isaac 82
Nickell, S. 250
Nordhaus, W. 167

Opocher, Arrigo xvii-xviii, 156
optimal population growth rate (OPGR)
 age-related heterogeneity and 102-3
 capital dilution and 101
 neoclassical models, in 105-7, 108-10
 Solow-type model 104, 117
 wealth distribution among workers in equilibrium of balanced growth and 119-20
 see also population growth

Orphanides, A. 177
Ortega, J. A. 122
overlapping generation (OLG) models 103-4, 110

Panico, C. 175, 183
Pantaleoni, M. 158, 159, 160-61
'paradox of costs'
 Kaleckian models and long-run economy 288, 295
 short-run economy and 294
 see also cost

'paradox of thrift'
 Kaleckian models and long-run economy 288, 295, 297
 short-run economy and 294
 see also saving

Pareto, V. 149, 151-2, 154
Pasinetti, L. L. xiii-xiv, 146
 post-Keynesian growth theory 266
 Ricardian model xvii, 54, 56-7, 70
 structural change analysis xviii, 193, 211, 218-22, 223
'Pasinetti theorem' xiv

Perotti, R. 136
Persson, T. xvii, 127, 136, 137-9
Pettenati, P. 272
Phelps, E. S. 168, 192
Phillips curve
 bargaining power and 250-51
 disequilibrium unemployment theory and 217
 Goodwin's cyclical growth model 7, 245, 246

Piketty, T. 142
Pissarides, C. A.
 capitalization effect 203-4, 208
 equilibrium unemployment theory 198, 202-44, 206, 211, 222
 unemployment permanence in long-run equilibrium 191-2

Plosser, C. I. 184
Pomini, Mario xvii
population
 age distribution 101-5
 co-evolution of natural resources and 54-70

evolution of, disequilibrium unemployment theory and 215
labouring 37

population growth
classical theory 3
disequilibrium unemployment theory 219-20
fertility and 29-30, 31-2, 34-6, 104
Goodwin's cyclical growth model 6
income and wealth inequality and xvii
natural wage dynamics in Ricardian growth model and 27-8
post-Keynesian growth model 271-2
worst population growth rate(WPGR) 102-3, 105-7, 108-10, 117
see also growth; optimal population growth rate

prices
determination of 127, 244, 250-52
disequilibrium unemployment theory and 218, 219
equilibrium xviii-xix, 266-81
factor 149, 152-3, 155-6, 196-8
increase in 63
neoclassical tradition 127-9, 131-2
product and input services 154-5
relative xiii-xiv, 30, 32-3, 132
variation of 129, 132
see also cost

pricing 167, 240, 261, 267-71, 283-4

production
constancy of income shares and 131, 132
disequilibrium unemployment theory 214, 218
endogenous fiscal policy and 137, 139
endogenous growth and role of profit rate and 135
factors of 127, 148-9, 156-8
general equilibrium model 4, 5
see also labour productivity

production function
Harrod-Domar instability and 195
neoclassical model 131-2, 234-5
Ricardian model 57
see also Cobb-Douglas production function

profits
classical theory 3
disequilibrium unemployment theory 219-20
efficiency wages and 256-7
general equilibrium model 4, 5
Goodwin's cyclical growth model 6, 246
Kaleckian models 291-2, 299, 301
neoclassical tradition 130-32
post-Keynesian theory 268, 269-70

zero condition 149-50

see also rate of profit

quantity system 218-19

Rankin, N. 267

rate of profit

classical theory xii, 37

Kaleckian models 289, 297, 301

Marx's analysis of structural change and 82, 91

neoclassical theory 129, 134-6, 197

new growth theory xvi

post-Keynesian theory xiv, 271

see also profits

Rebelo, S. xvi, 184

rents 36, 57-8, 65, 66

representative agent models xvi

resources xi-xiii,

natural, co-evolution of population and 54-70

Reynolds, P. 269

Ricardian growth model 27-36, 48-9, 54-70

see also Canonical Ricardian Model

Ricardo, David xi, 3, 272

see also Canonical Ricardian Model; Ricardian growth model

Ricoy, C. 82, 83

'right to manage' model 252-3

Robinson, J. 7, 269

Rodrik, D. xvii, 127, 136, 137, 139

Romer, D. 105, 267, 279

Romer, Paul M. 227, 228, 229

Rowthorn, R. E.

efficiency wages and 255

inflation based on conflict and 244, 249-50, 251

real wages and unemployment relationship xviii, 259

Sachs, J. 250

Sala-i-Martin, X. 229

Salvadori, Neri xv-xvi, 136, 272, 276

Samuelson, P. A.

canonical classical model 27, 33

'dual' theorem, post-Keynesian theory and xiv

natural wage dynamics in Ricardian growth model and 28

optimal population growth rate and 101, 104

saving

classical theory xii, 3

disequilibrium unemployment theory 212, 215

- exogenous 9-11
- general equilibrium model 4, 5
- ‘golden rule’ 4
- Goodwin’s cyclical growth model 6, 8
- Kaleckian models 289, 293
- neoclassical theory 129, 130, 135, 137, 139, 236
- optimal 11-18
- post-Keynesian theory xiv, 269, 272-3
- social conflict and 20-21
 - see also* ‘paradox of thrift’
- Sawyer, M. 268
- Say’s law
 - Canonical Ricardian Model 37
 - classical theory xii
 - Goodwin’s cyclical growth model 7
 - neoclassical theory xiii
- Schaefer, M. B. 57
- Schultz, H. 151
- Schumpeter, J. 83, 93
- ‘search’ models 198-205
- Shapiro, C. 244, 257, 260
- Shapiro, N. 268-9
- Sidrausky, M. 177
- Signorino, Rodolfo xvii
- Silberberg, E. 148, 156
- Silvestre, J. 267
- Skirbeck, V. 111-12, 115
- Skott, P. 244, 255, 258, 260
- Smith, Adam
 - classical theory xi-xii, 3
 - disequilibrium models with increasing returns and 227
 - post-Keynesian growth model and 272
 - natural wage dynamics 28, 35
 - new growth theory and xvi
- social class 9-11
- Solow, R.
 - Goodwin’s real wage function and 253, 257, 259
 - growth and distribution theory and xiii, xvii-xviii, 128-30
 - growth model 101, 102-3, 103-10, 121, 195-8
 - Harrod-Domar instability 196-8, 222
 - neoclassical theory and xiii-xiv, 127, 191
 - original equilibrium, age heterogeneity effect in productivity and 116-17
 - Tobin’s financial growth models and 167-8, 175-7
- Solow-type model with heterogeneity in productivity profile by age 111-6
- Sordi, S. 246
- Soskice, D. W. xviii, 244, 251, 259

- Sraffa, P. xiv, 161, 163, 266, 271
- stability
- global 62, 73
 - Goodwin's cyclical growth model 246
 - growth 169-70, 182-3, 213-4
 - local 39-50, 71-3, 298
 - population 102, 103, 105, 106
 - short-run economy and 294
 - strong 238
- see also* instability
- Steedman, I. 147, 148, 153, 156
- Steindl, J. 269
- Stiglitz, J. E.
- disequilibrium unemployment theory 192, 211-4,, 223
 - post-Keynesian growth model 267
 - Goodwin's real wage function 244, 257, 260
 - growth-cycle analysis xviii
 - income distribution xvii, 102-3, 113, 117, 119
 - neoclassical theory xiii-xiv, 132, 133
 - heterogeneity in productivity profile by age 110-11, 121
 - unemployment and growth 192, 211-4, 223
- structural change
- capitalism/socialism transition 90-94
 - disequilibrium unemployment theory and 193, 218-23
 - evolutionary approach and 81-90
 - Marx's analysis 79-81, 95
- substitution
- elasticity of, constancy of income shares and 131-2
 - pricing theory and steady state equilibrium in post-Keynesian theory 270
- supply
- aggregate, equilibrium growth path and 3-4
 - short-run economy and 293
 - surplus value 84, 85, 88, 93
 - survival firm 268-9
 - survival function 107-8, 110
 - sustainability 62-3, 67-9, 76
- Swan, T. W. xiii, xviii, 167, 191
- Sylos-Labini, P. 95
- Tabellini, G. xvii, 127, 136, 137-9
- taxation *see* fiscal policy
- Taylor, M. S. xvii, 54, 56, 70
- technical progress
- classical theory xii, 36
 - conflict and 10-11, 13
- disequilibrium unemployment theory 205-11, 220, 222-3

equilibrium 4
unemployment and 192, 206-7
Harrod-Domar instability and 195
Kaleckian models 295
Marx's analysis xvii, 79, 82-3, 88-90
neoclassical theory 129, 130, 135, 234
new growth theory xv
post-Keynesian theory xiv, xv, 272

Tobin, James
1965 essay, superneutrality of money and 174-8
dynamic aggregative model 169-74
financial growth models 167-9, 184
growth and distribution theory xiii-xiv, xviii
Nobel lecture 178-84

Torrens, R. 28, 29-30

unemployment
equilibrium unemployment theory 198-211
disequilibrium unemployment theory 211-22
Goodwin's cyclical growth model 6
growth and 4-5, 191-8, 222-3
income distribution relationship 4-5
Keynesian analyses of growth and distribution and xviii
real wage rate xviii, 247-52
see also employment
unions 243, 244, 252-5
see also labour; workers

Uzawa, H. xv, 140

van der Ploeg, F. 211-12, 214-17

Velupillai, K. 232, 246

wage rate
classical theory 3, 69
disequilibrium unemployment theory and 213
general equilibrium model 4
market 37-8
natural xvii, 28-33, 36-8
nominal 215, 272, 279-81
neoclassical model 129-31, 197-8, 235-6
post-Keynesian growth model 273
real xii-xiii, xviii, 6, 8, 201-2, 212
ruling, rate of profit and, Canonical Ricardian Model 37
search models 201-2

wage share

dynamic equilibria multiplicity and 12, 14, 16, 17

Goodwin's cyclical growth model and 7-8
Kaleckian models and long-run economy 289, 299
see also income, share of
wages
 efficiency 244, 255-9
 growth and unemployment and 227-9, 239-40
 see also income
Walras, L.
 ‘Hicksian’ marginal productivity theory compared 146-7
 ‘input demand’ and 154-8
 marginal productivity theory 148-61
 surplus approach and 158-61
Weil, D. N. 105
WGPR (worst population growth rate) *see* population growth
Wicksteed, P. H.
 ‘Hicksian’ marginal productivity theory compared 146-7
 ‘input demand’ and 154-8
 marginal productivity theory 148-61
 surplus approach and 158-61
Wieser, F. 161, 163
Winter, S. G. 81
Wood, A. 269, 269-70, 270, 272
workers
 behaviour of 257-8
 income distribution 117-19
 wealth distribution 117-21
 see also labour; unions
Young, A. A. 227
Zeira, J. xvii, 127, 136, 140, 141-2