

Keywords for *Hyperbola Economics towards a Utopian Economy*

| 36 Keywords in Couples | | | | | | |
|--|---------------------------------------|--|---------------------|--|--|--|
| Continuous vs. Discrete | Endogenous vs. Exogenous | Equation vs. Assumption | | | | |
| GDP vs. NDI | Hyperbolas vs. Parabolas | Maximize vs. Minimize | | | | |
| Stocks vs. Flows | Symmetry vs. Asymmetry | Theory vs. Practice | | | | |
| Database vs. Recursive programming | | Endogenous-equilibrium vs. Price-equilibrium | | | | |
| Government sector vs. Private sector | | Heterogeneous vs. Homogeneous | | | | |
| Policies vs. Strategies and tactics | | Real assets vs. Market/financial assets | | | | |
| Cobb-Douglas (C-D) production function vs. Non C-D equation | | | | | | |
| Constant returns to scale vs. Increasing or Diminishing returns to scale | | | | | | |
| Endogenous-equilibrium vs. Roles and hypotheses in economic analyses by statistics data | | | | | | |
| 32 Independent Keywords | | | | | | |
| Money flows | Perfect competition | Phillips unemployment | Under no assumption | | | |
| Qualitative Democracy Level | Scientific discoveries | The endogenous valuation ratio | | | | |
| Actual and endogenous taxes | Balance of payments and deficit | | | | | |
| Elasticity of substitution, sigma | Essence of the Break-Even-Point (BEP) | | | | | |
| Marginal productivity of capital | Marginal productivity of labor | | | | | |
| Marginal productivity theory | Monopoly, duopoly, and oligopoly | | | | | |
| Optimum functions-measure in hyperbola | Speed years by country and by sector | | | | | |
| The endogenous Phelps coefficient | The exogenous Phelps coefficient | | | | | |
| 'AXIOM Omega' in the Endogenous-equilibrium | | | | | | |
| Consumption-neutral to growth and technology | | | | | | |
| Distribution of income before and after taxes to government and private sectors | | | | | | |
| Equations connecting the Break-Even Point (BEP) with Net sales and returns/profits | | | | | | |
| Essence of Purely Endogenous System under the Market Principles | | | | | | |
| Redistribution of income to households and enterprises | | | | | | |
| Stop macro-inequality and full-employment in reality: Starting with α -neutral | | | | | | |
| Structural improvement in labor productivity, individual life-time <i>versus</i> systems | | | | | | |
| The Cost Accounting for increasing/decreasing Deficits and Debts (CADs) | | | | | | |
| The Rate of return & the growth rate of output in equilibrium | | | | | | |
| The Real Rate of Profits>Returns Equals Zero, Actually and Endogenously | | | | | | |
| The Utility Theory and Consumption Function | | | | | | |
| Three equality of income = expenditures = output | | | | | | |

Subject Index for *HEU* (Indices by chapter, separated)

Subject Indices for Part I (Chapters 1 to 8)

Chapter 1

rate of profits 1-3
rate of returns 1-9
the real rate of returns (RRR) 1-2, 4
 $RRR = 0$ 1-5,9-10
Earth Endogenous System 1-2, 11
KEWT 1, 12-17
full employment 1
capital-output ratio 1, 3, 5-6
rate of inflation 1, 3, 6-7, 9-10
rate of deflation 1, 4, 9
money-neutral 1, 3-4,7-10,12-17
the technology coefficient 1, 3
the Phelps coefficient 1, 3, 5-6, 8-10
the speed coefficient 1, 5
the endogenous-equilibrium 1, 8
the price-equilibrium 1, 6
the market principles 1-9
seven endogenous parameters 1, 9-10
the valuation ratio 1, 9
assets-bubbles 1, 10
endogenous data 1, 10
real assets 1, 7-9
financial/market assets 1, 8
Phelps' golden rule 1, 3, 6-8, 11
consumption-neutral 2-4, 11
macro-inequality 1, 4
ten-year debt yield 7-9
money supply 7-8
exchange rate by country 7-9, 12-17
the speed years 1, 9-10

Chapter 2

a utopian economy 18, 20, 22, 27
endogenous equilibrium 18, 20, 23, 25, 27, 37
price equilibrium 18-19, 27- 28
Cobb-Douglas production function 19, 23-24, 37
the speed years 18, 23, 29-31, 37
the essence of the *EES* 18, 28
leaning by doing 18, 28
underlying philosophy 18
perfect competition 18-19, 22-23, 26, 28, 37
endogenous equations 18-20, 37, 40
full-employment 18, 20-25, 28, 37
theory = practice 18, 28
IFSY 19, 33
SNA 19-20, 22
the relative price 19, 37
the absolute price 19
asset-bubbles 18, 20, 28
democracy 18, 28, 38
seven endogenous parameters 19, 22-23, 28, 37
money-neutral 20, 22, 25, 27-28, 34
market principles 18-20, 23-25, 27-28
macro-inequality 20-21, 26
capital-neutral(α -neutral) 20
consumption-neutral 20, 22, 25-26, 28, 33
two-dimensional Plane Hyperbola (2DPH)

20, 22, 25, 41
the golden ratio 20, 38, 40-41
the silver ratio 20, 38-41
decision-makers 23-24, 28
policy-makers 20, 22-26, 28, 41
politics-neutral 20, 28
spirituality-neutral 20, 28

Chapter 3

labor productivity 44-47, 49, 55
individual productivity 44, 46
system productivity 44
necessary condition 44-45, 49
geometrically 44-45, 48-50
endogenously 44, 47-48, 51
parabola 44-46, 51
profits-maximum principle 44
vertical market principles 44, 47
productivity ratio 45, 55
life-time productivity 44-46, 49-50, 54
enterprise/company 44, 47
Earth Endogenous System (*EES*) 44, 47-48
recursive programming 48
national disposable net income 45-48
Kamiryo Endogenous World Table (KEWT) database 48
a constant capital-output ratio 47-48
life-time employment system 48, 52-53
the rate of technological progress 48
government 45-46
net value added 46-47
statistics data 47, 51
endogenous data 47
the wage rate 44, 47, 49, 52, 54

Chapter 4

consumption-neutral 56, 58, 62-63, 65-66, 68
technology 59, 62, 64
Earth Endogenous System (*EES*) 56-58, 66, n56,
endogenous rate 56-57, 60-61
technological progress 56-62, 64-69
preference 56, 58-60, 62, 64, 66-69
national taste 56, 59-60, 68
culture 56, 59-60, 68
history 56, 59, 70
essentials 58, 60
three sorts of neutrality 58, 60
endogenous relationship 60, 62
market principles 56-57, 60, 66, 68
system for national accounts 56-57
KEWT database 56-57, 60, 62-64, 68-69
the government (G) sector 57, 59, 65
the private (PRI) sector 57, 59, 62, 65
the aggregative total (T) economy 57, 59
national disposable net income 57, 62, 66, n69,
products 57, 68
 $RRR = 0$ 57, n57
growth rate 57, 60, 63
Phelps' (1961, 1965) golden rule 57
total factor productivity (TFP) 59, 61
causes and effects/results 56, 65
endogenous system 56-60, 62, 65-66; n56, n65
five policy-combinations 62
five consumption-neutral indicators 56, 62-63, 65-66, 68

Chapter 5

- Cobb-Douglas production function 79-80, 87-89, 94-95
71-72, 77, 82, 103
KEWT database 71-73, 76, 81, 83-84, 86, n83
Say's law 71, 74
endogenous-equilibrium 71, 74, 77
endogenous system 71-72
Euler's theorem 71, 74, 76-78, 86
discrete 71, 73, 79, 82
real assets 71, 73-74, 76, 79
financial assets 71, 73
market principles 71-72, 76-79, 83
assumptions 71-73, 76-79, 81, 86
purely endogenous 71-73, 82, 85
capital-labor ratio 71-72, 75, 81-82, 85, 97, 99-101
capital-output ratio 71-72, 75, 80-82, 97, 99-101, n79
break-even point (BEP) 71, 84-85, 90-93
Earth Endogenous System (*EES*) 71-73, 79, 81-83, 86
partial = whole 71
technological progress 72, 79-80
marginal rate of substitution (MRS) 72-74, 82, 103
marginal productivity of labor (MPL) 72
marginal productivity of capital (MPK) 72
statistics data 72-74, 77, 81-82, 84-86
no assumption 71-72, 79, 81, 84-86
diminishing returns to capital 75, 82, n79
total factor productivity (TFP) 74-75, 79-80, 87-89, 94-95
united philosophy 71
hyperbolas 71, 81
the relative share of capital 71, 75
marginal product 73-74, 102
endogenous data 73-74, 80-81, 84-85
macro-oriented 72
econometrics 72-73, 83, 86
elasticity of substitution 72, 81
Lucas's critique 73
expectation puzzles 73, 103
from macro to micro 90-93
net investment 76, 82
endogenous equations 72, 81, 84
recursive programming 76, 79, 81-82, 84-85, 87-89, 94-95, 97-101
the essence of the C-D production function 71-72
increasing returns to capital (IRC) 75-76
constant returns to capital (CRC) 75-76, 83
diminishing returns to capital (DRC) 75-76, n79
technology FLOW 79-80, 88-89, 94-96
technology STOCK 79-80, 88-89, 94-96
asymmetry 81, 83
three explanations 81
seven endogenous parameters 79, 81-82, 98
 $A = TFP$ 79-80, 88-89, 94-95
Hicks, Solow, and Harrod 79, 88-89, 94-95
methodology 73, 86

Chapter 6

the relative share of capital 104-105, 107-108, 113-114
macro-inequality 104-105, 107-112, 114
full-employment 104-105, 109, 112, 114
money-neutral 109, 114
deficit-neutral 104-105, 109
politics-neutral 104-105, 107, 109, 111, 113
spirituality-neutral 104-105, 107, 109, 111
endogenous equations 104
endogenous equations 104-105, 109-110, 112, 114
marginal capital productivity 104, 108
the rate of return 104, 107-109
marginal productivity of labor 104, 108
the wage rate 104-105, 107-110
 $MPK = r$ 104, 108
 $MPL = w$ 104, 108
diminishing returns to capital n108
perfect competition 104-105, 107-111
KEWT database 104-106, 108-109, 111-114, 119-121
Earth Endogenous System (*EES*) 104-112, 114
practice-power 112
capital-neutral (α -neutral) 105, 107, 109, 114
the G sector 106, 113-114
the PRI sector 113-114
no inflation 104, 114
policies and strategies 111-112, 114
six nature-neutrals 111, 114

Chapter 7

Break-Even Point (BEP) 122-124, 126-133
net sales 122, 124-125, 128-133
returns/profits 122, 124-125, 128-129
GDP 122-123, 132
macro and micro economies 122-124, 128-129, 132-133
equation 122, 124-125, 128-129, 132-134
expenses 122-126, 128-129
system for National Accounts (SNA) 122, 132
national disposable net income (NDI) 122-124, 126, 129,
non-value added (Non-VA) 122-124, 133
the level of BEP 122-124, 126-127, 132
endogenous 122-124, 132-134
endogenously 122-125
parameters 122-127, 129, 133
the wage rate 123, 130-133
KEWT database 123, 133
variables 123-124, 128-129
the market principles 122-123, 132
statistics data 122, 132
integrated structure 122-123, 128, 130-131, 133
wages 122-126, 128-129, 132-133
ratio 123-125, 128-129, 130, 132
individual and system 123, 133
the life-time-share parameter 124-125, 129
average-incremental 124-125
Earth Endogenous System (*EES*) 124-126, 128-129, 133

Chapter 8

Robinson, Joan 135-136, 141-143
Marshall, Alfred 135-136, 143, 145
Samuelson, Paul, A. 135-136, 139-141,
152
Uzawa, Hirofumi 135-136, 139,
143-144
Myrdal, Karl Gunnar 135, 142, 151
Lindahl, Eric 135-136, 139-141, 144-
146, 151
Swedish School 135-136, 144
Austrian School of Wicksell, Knut
135-136
the utility theory 135-136, 139,
141-142, 144, 150
Earth Endogenous System (*EES*)
137-138, 140
four factor ratios/rates 135-136,
148-150
four essentials 135, 142
thirteen Generalized Statements 136
the utility theory 135-136, 138-139,
141-142, 144, 147-150
consumption function 135-136, 139,
141-142, 144, 145
ratios/rates 135-136
utility function 135-136, 138-139
micro 135-136, 138
macro 135-136, 138
no inflation 135, 144
mathematics 136-137
statistics data 136-139, 105
social sciences 136-137
methods in statistics 136-137
endogenous data 137-138, 147-149
Axiom constant-Omega
(constant-capital-output ratio) 136,
138-142
public expenditure 136, 140, 146
GDP-based data 141, 143-144,
economics 135, 138-141, 143-144
the relative share of capital 136, 147,
150
the capital-output ratio 136, 138-139,
147, 150
the wage rate 136, 144, 147, 150
the rate of return 139, 142, 148, 150

Subject Indices for Part II Chapters 9 to 15)

Chapter 9

the two-dimensional plane 153-154,
156, 160-161, 170, 172, 174
hyperbola 153-154, 156, 158-160, 162,
164-165, 170-172, 174, 181-183
parabola 153-154, 156, 174, 182
function 153-154, 156-162, 164, 174
Earth Endogenous System (*EES*)
153-158, 160-161, 164-165, 170, 174,
the market principles 153-157, 170-171,
174, 176, 179, 183
endogenous data 155, 160, 165, 171,
175, n169
statistics data 155, 160, 171, 175
curvature 153-154, 158-164, 174

quality = quantity 153, 179
 algebraic 154, 156,
 geometrical 156, 158, 161, 170, 174
 economic 154-156, 158, 168, 173,
 179-180
 science 154-155, 166, 170, 173-174
 human 153-155, 164, 167, 170,
 173-174, 181-182
 physics 154-155, 173, 176, 180-181
 methodology 157, 174, 179,
 origin 153-156, 158-161, 164-166, 170,
 172-174, 176
 moderation 153-154, 160, 173-174
 diagonal 154-155, 161-162, 165-167,
 170-172
 the golden ratio 154, 158, 164, 166-168,
 170, 176, 181-182
 the silver ratio 154, 158, 161, 164-168,
 170, 172, 176, 181
 endogenous 153-157, 160, 170-172,
 174-175, 179, 181-182
 equilibrium 153-156, 160
 qualitative 153-154, 156, 174
 quantitative 153-154
 parameter 153-154, 160, 164, 174
 variable 153-154, 162-163, 174

measure 153-154, 156-158, 160-164,
 170-174, 179, 182
 partial 154, 156, 182
 whole 154, 159, 164, 170, 174, 182
 optimum 153-154, 156, 162, 174
 maximum 153-154, 156, 174
 minimum 153-154, 156, 174
 essence 154-155, 158, 160, 164, 167,
 169-170, 175, 179, 181
 empirical 153-154, 156, 160-161,
 163-164, 173
 by country 153-154, 158, 160, 171-172,
 174, 179, 181-182
 Fermat 154, 176, 180-181, 183-184
 nano (closest zero) 154
 the Yin and Yang principle 154, 160,
 171
 philosophy 154, 170, 182
 policy variables 154
 SUIT (the Supreme Universe Integration
 Theory) 155, 184
 vertical asymptote 153-154
 horizontal asymptote 161
 scientific approach 155, 159, 174
 endogenous equations 153, 157, 160,
 170, 174
 Robinson 156-157, 186

Chapter 10

hyperbola function 187-189, 191,
 196-197, 201, 203, 205, 208, n198
 linear function 187, 196, 201, 203, 204
 endogenous-equilibrium 187, 192-195,
 197, 204, 209
 historical 187, 189, 191-192, 202, 204
 geometrical 187-189, 194-195

two-dimensional plane 187-189, 194,
 200
 democracy 187-197, 202-204, 200-210
 qualitative level 187, 189, 191-192,
 194-197, 202-204
 measure 187-194, 196-198, 200,
 202-204, n205, 207, 210

data 187, 189-191, 193-197 199-200, 204, 206-208
external 187, 189, 191, 197, 203
statistic 187, 190, 193-195, 204
geometrical 187-189, 194-195
origin 187-188, 192-193, 196-197, 206-208
moderation 187, 192, 196-197
social science 188, 192
optimum range 187-188, 197

market principles 187, 192-193, 195, 202-204
equilibrium 187, 192-195, 197, 202-204, 209
speed years 187, 200-201, 205
Earth Endogenous System (*EES*) 188, 191, 199-201, 203, 205
the Nature 189, 192
the Universe 189

Chapter 11

Phillips 211-212, 216-221
unemployment 211, 215-218, 220-221
full-employment 211-212, 214, 217
market principle 211, 216, 218
geometric 211, 213, 215-217
database 211-212, 214, 216, 218
endogenous 211-216, 218, 221
balance 211, 214, 216, 219

measure 211-212, 214-216, 218, 221
Earth Endogenous System (*EES*) 213-216
reinforce 211, 214, 215, 216
growth rate 211, 213-218
rate of return 211, 213-215, 218-219
rate of output 211, 213-214, 218
speed years 211-215

Chapter 12

consistency 223, 229-230, 240-241
endogenous data 223-224, 230-231, 234, 242
Earth Endogenous System 223-226
two dimensional plane 223, 231
Kamiryo Endogenous World Table (KEWT) 223, 232
Tobin 223-225, 228-230, 234-236, 240, n240, 242-246
Earth Endogenous System (*EES*) 223-225, 227-237, 239-242
endogenous equations 223, 241
endogenous-equilibrium 224, 226, 228, 234, 242

price-equilibrium 224, 226
Keynes 227-232, 235-241
liquidity trap 227-228
Pigou 227-229, 235-236
SNA 227, 237, 242
Wicksellian 227
Irving Fisher 227
Samuelson 228, 232, 241, 246
liquidity preference 228, 230
IS-LM 229, 238-242
rational expectations 227, 229-230, 232, 234, 237
continuous market-clearing 229, 234
money-neutral 230, 232, 234

exogenous shocks 231, 239
Keynes-Phillips 231
Lucas 224, 231-3, 245
Phelps-Friedman 231-232
natural rate 232-233, 245
capital-output ratio 232-233
Samuelson 228, 232, 241, 246
technology-neutral 231-233
Kaldor 224, 233, 246
national disposable income 228, 234
market-clearing equilibrium 234
Ricardian 235-237
Buchanan 235
Pigou effect 228, 235-236
Ricardian Doctrine 236-237
Barro 236
Feldstein 236, 246
David 237-238
Scadding 237-238
Denison's Law 237
Gross Private Saving Rate (GPSR) 237
the Modigliani-Miller theorem 237
Hicks 240-241
International Financial Statistics (IFS)
242
James Tobin 223-225, 243-244, 246

Chapter 13

Paul Krugman 247-250, 252-258
New York Times 247-248
endogenous data 247-248
Krugman 247-250, n247, 252-258
the Kamiryo Endogenous World Table
(KEWT) 247
hyperbola functions 247, 254-255, 259
the *Yin* and *Yang* principle 247, 250,
254, 257
Earth Endogenous System (*EES*)
247-249

KEWT 248, 257
Kamiryo 247, 249, 252-254, 256, 258
Federal Reserve Bank (FRB) 252
Janet Louise Yellen 252
Ernst Friedrich Schumacher 253
assets-bubbles 254, 256
IMF 256, 258
Confucianism 255, 257
philosophy, theory, practice, and history
247
integrated measures 247-248

Chapter 14

William D. Nordhaus 260, 271
politics-neutral 260, 270
spirituality-neutral 260, 270
contours 261
theory of social unbalance 262
Mankiw 263, 265, 271
Kamiryo 263, 266, 268
Keynesian 264, 266, 269

IS-LM 264
Friedman 264, 268-269, 271
Robert 264-265
Trade-off 260, 262-264
long-run 261, 264
the Jobs and Tax Relief Reconciliation
Act of 2003 265
Cobb-Douglas 265, 270

Earth Endogenous System (*EES*) 265, 267-270
Paul A. Samuelson 268
James Tobin 268-269
Martin Feldstein 268-269
Benjamin M. Friedman 268-269
Schumpeter 269

Hansen 269-270
Harvard 269
Feldstein 269, 271
Anti-Keynesian 269
endogenous equilibrium 270
AXIOM 270

Chapter 15

Endogenous-Equilibrium 272, 293
Earth Endogenous System (*EES*) 272-273, 275-276, 278-280, 282, 285-288
endogenous equations 272, 285
purely endogenous 273, 275-276, 278-280, 288
endogenous parameters 273
the Minus and Plus Principle 274
the Yin and Yang principle 274, 287
Money-Neutral 274, 293
Financial/Market Assets 274, 293
the Real Assets 274-276, 279, 287, 293
Discrete Cobb-Douglas Production Function 274, 280, 293
Break-Even Point 274, 282-283, 293
Net Sales 274, 282-283, 293
Returns Equations 274, 282, 293
Labor Productivity, Individual Life-Time 274, 277, 293
Consumption-Neutral 274, 279, 293
prices-parabolas 274, 284, 293
concave 274, 278, 284, 293
convex 274, 278, 284, 293
Amounts-Hyperbolas 274, 284, 293
functions-measure 274, 285, 293
two-dimensional plane 272, 274-275, 277, 281, 283-286, 290, 293
levels-measure 274, 286, 293
Peter Drucker 275, 283
Samuelson 275, 287, 294
Nordhaus 275, 287
macro-equilibrium aggregated system 275, 289
hyperbola functions 272-274, 276, 278, 290
Phelps 276
Ramsey 276, 279
KEWT n276, 276, 281, 286-288, 291
Utopian Economy 274, 277, 281, 285, 293
Endogenous-Equilibrium = the Price-Equilibrium 274, 277
the Utopian Economy 277, 281, 285
the United-Measure 274, 278, 282, 284-285, 293
curvature-measure 278, 286
the C-neutral 279, 282, 285
Hideyuki 279, 292-293
Adachi 279-280
Solow 280
The C-D Production Function 280-281
Keynesians 280
Madrid 274, 281

Savannah 274, 282, 293
The BEP and externals 282-283
International Financial Statistics
Yearbook 276, 283

Lagrange 279, 285
The Democracy Levels with 8 linear
functions 286-287

Subject Indices for Part III (Chapters 16 to 18)

Chapter 16

Purely Endogenous System 295
Break-Even-Point (BEP) 295, 298
the Market Principles 295-298, 302
Kamiryo Endogenous World Table
(KEWT) database 295
endogenous data 296, 302
statistics data 296-297, 299, 302
Earth Endogenous System (*EES*)
295-297, 301

A System of National Accounts (SNA)
295-298, 301
the macro level 295-296, 298
Kanda Yoshihiro 297, n297
Peter Drucker 300
GDP 297-299, 301
Non-Value Added 298, 300, 302
six aspects 297, 301
exchange rate 297-298

Chapter 17

Axiom Omega 304-308, 310, 313-314
Endogenous-Equilibrium 304,
306-307, 321
the capital-output ratio 304-310, 313,
324
Samuelson 304-306, 309, 313-314,
320-321, 324
KEWT (Kamiryo Endogenous World
Table) database 305
International Financial Statistics
Yearbook (IFSY) 305
The HEU 305-307, 310-311, 313
Earth Endogenous System (*EES*)
304-307, 309-314, 321
endogenous data n305, 307, 314
constant capital-output ratio 305-306,
313

endogenous-shocks 306, 308-309
culture and civilization 305-307
cyclical business cycle 306
endogenous parameters 307, 309
a discrete Cobb-Douglas 309-310
net investment 310-311
optimum-measure 311
the two-dimensions of plane 307, 311
laissez-faire 304, 311
the negative and positive principle
311, 321
Joseph 313, 324
creative destruction 313
Peter Drucker 313
Business Game 313, 323
Utopia economy 313
Hippocampus 313

the rate of return 307-311, 313
DRC coefficient 308, 310
qualitative technology coefficient 308, 310
Tinbergen n309, 314, 324
International Financial Statistics

Yearbook, IMF 304, 315-317
Yoshikawa , Hiroshi 320, 324
Hidaka 320-321, 323
Keynesian 321
Hiroyuki Uzawa 321
Galbraith 321-322

Chapter 18

GDP-based data 325-327, 334, 347, 349
SNA 325-326, 330, 334, 340-341, 347, 351
GDP framework 326
Earth Endogenous System (*EES*) 325-330, 341-342, 349, 351
HEU 325-326, 328-330, 341-342, 348, 351
GDP 325-330, 334, 336-339, 341-349
Samuelson 326-327, 342
Kamiryo Endogenous World Table (KEWT) databases 327
purely endogenous system 327-328
Break-Even Point (BEP) 328
Drucker 328-329, 347
Axiom 329, 333, 342-343
the capital-output ratio 329
Utopia economy 329

laissez-faire 330
Hyperbola philosophy 325, 330
hyperbola-functions 330
Notations and Definitions 330, 358
the Cost Accounting 325, 341, 344, 353, 362
Deficit and Debt (CADs) 325, 341, 344
PRI sectors 326, 342, 344
real-assets policy 347
Kneoppel, C. E. 347
Vatter, W. J. 347
intermittent data 349
intermittent statistics data 325, 349, 351
International Financial Statistics
Yearbooks, IMF 334, 349, 351, 360
the market principles 327, 329, 333, 339-340, 343

Subject Indices for Part IV(Appendices 1 to 4)

Appendix 1

17 tables 363-381
essence 363, 382, 400
Phillips unemployment 363, 382, 400
measurement 363, 400
background 363, 400

Phillips Curve 363, 382-384, 400, 402, 405
Phillips' line 400, 406
Deficit & Balance of Payments to Y 363-381

endogenous inflation rate 363-384
growth rate of Y 363-381
endogenous rate of tech progress
363-381
15 figures 363, 382

KEWT database 363, 382
endogenous 363-393, 396-398,
400-401, 404-406
range of equilibrium 400, 407
curvature 400, 408

Appendix 2

Phillips Curve 409-426
Phillips' target 409-426
technological causes 409-426
7 endogenous parameters 409-426
Pacific and Asia area 409-412
Euro area 409, 415-418
Europe and East Europe 409, 420-422

West Hemisphere areas 409, 423
Middle East areas 409, 424-425
Africa area 409, 414, 426, 429
full-employment 409, 427-429
KEWT database 410-429
86 countries 410-429

Appendix 3

G36 430-431, 480
G20 430-479
G7 430, 432, 488-490, 492, 495-496
GDP growth rate 431, 475-480
GDP-based 430, 433-480
time series 430, 432, 490
cross section 430, 432, 485-488,
491-496
four items 432, 493-496
growth rate of TFP 432, 491-492
the G sector 432, 491, 493, 495

the PRI sector 432, 492, 494, 496
rate of technology 432, 491-492
GDP-based profits 431, 451-456
GDP-based real wages 430, 439-444
GDP-based wages 431, 445-450
GDP-based net investments 431,
457-462
GDP-based taxes 431, 463-468
Rate of return to capital 431-432,
469-474
deficit/GDP 431, 475-480

Appendix 4

GDP 497-565
consolidated-GDP 497, 499-543
international comparisons 497,
499-543
national disposable net income
497-498, 544-565

nominal households' income 498,
566-587
CPI 498, 566-587
real households' income 498, 566-587
Kamiryo Endogenous World Table
(KEWT database) 497-498