Index

2PN see two-piece normal density function
‘accelerationist’ hypothesis 166–7
adaptive expectations hypothesis 167–8
aggregate demand, shock models 53–60
aggregate price index 51–2
aggregate supply, shock models 53–5, 57–60
annexes 75–8, 91–2, 119–21, 139–40
anticipations, rational expectations 168–9
appendices 159–83
arbitrage 109–10
Asian financial crisis 154
asset prices 5, 95–122
boom-bust cycles 113–19
central banks 123–40
deflation 147–8
economic activity 109–18
financial institutions 108–9
financial stability 98
Keynesian views 150
tangible assets 150–1
UK market example 111
transmission mechanisms 118–19
assets
capital asset ownership 106–9
Monetary Base Control 137
tangible assets 150–1
UK market example 111
automatic policies 182–3
autonomous spending 174–5
average inflation targeting 46
backtesting 84–7
bad loans 157–8
Bagchot, W. 100
Bank of England (BOE) 25–38
centralization 33–7
CTMM 25–32
current arrangements 26
financial stability 95, 97
gilt-edged stock 135–6
historical lessons 34–5
inflation fan charts 81–91
lender of last resort 97, 100–1
Main Macroeconomic model 31–2
Maradona theory of interest rates 13
market intervention 135–6
Monetary Base Control 136–8
overfunding 135
quarterly model 31–5
responsible 25–38, 97, 100–1
structures 25–38
Bank of England Quarterly Model (BEQM) 31–5
Bank of Japan (BOJ) 141–58
bubble burst 1989–91 144–5
golden era 1975–85 142–3
government borrowing 155–7
monetarism 180
policy derailment 1985–89 143–4
policy responses 145–53
restructuring policies 157–8
US dollars 143
yen depreciation 154–5
banks
see also Bank of England; central banks
Bank of Japan 141–58, 180
European Central Bank 35, 95
failing banks 99–100, 176–7
government borrowing 155–7
Reserve Bank of New Zealand 95
Swedish Riksbank 46–7
Barber, Anthony 114
BEQM see Bank of England Quarterly Model
Bernanke, B. 99
bias, inflationary bias 43
BOE see Bank of England
BOJ see Bank of Japan
bonds, Japan 147, 150–1
boombust cycles 103–22
bubbles 98, 123–41, 144–5, 147
crashes 123–40
financial sector money 112–18
Heath-Barber boom 114–16, 119
Lawson boom 116–18
borrowing, government 155–7
broad money
see also money
Bank of England 27, 32–5
boom-bust cycles 119
debt-deflation 132
demand for money 127
theory/practice arguments 3
UK supply identity 33–4
bubbles 123–40
see also boom-bust cycles
asset prices 98
Japan 141, 144–5, 147
Manias, Panics and Crashes 131
monetary theory 124–5
prevention 133–8
CADs see current account deposits
calibrated core model, BEQM 32
Capie, Forrest 5, 95–102
capital asset ownership 106–9
cash flow accounting 139–40
central banks 2–5, 95–102, 123–40
see also Bank of England; Bank of Japan
asset prices 123–40
lender of last resort 133
Maradona interest rate theory 13–14
monetarist case 33–7
Monetary Base Control 136–8
role 5, 95–102
cheap money policies 175–6
Chicago school see monetarism
closed circuit payments 108–12, 118
see also quantity theory
Competition and Credit Control 112, 114, 116
Congdon, Tim 5, 103–22
control issues
Competition and Credit Control 112, 114, 116
interest rates 69, 71–4
Monetary Base Control 136–8
money supply 63–80
Conventional Theoretical Macroeconomic Model
(CTMM)
Bank of England 25–32
interest rates 28
Main Macroeconomic model 31–2
time series 28–30
corporate sector, Japan 151
counter-revolution (monetarism) 1–2, 27, 30, 171–83
crashes 123–40
see also boom-bust cycles
credibility 42–3, 87–8
crises 96–8
see also boom-bust cycles
crowd instinct 129–30
CTMM see Conventional Theoretical Macroeconomic Model
cultural difficulties, Japan 157
current account deposits (CADs), Japan 151–2
debt trap, Japan 146
debt-deflation 131–3, 138–9
decision-making 18–21
decision-taking inertia 129
deflation
see also inflation
debt-deflation 131–3, 138–9
Japan 147–8, 150–4, 158
demand
Bank of England 27, 36
demand for money 126–8
economic shocks 3–4, 53–60
price-level targeting 3
density forecasts 82, 89–90
density functions 83–4
deregulation 35
derivatives 97
design, monetary policy 63–9
Dickey-Fuller (DF) tests 29
differencing, CTMM variables 29–30
diffusion processes 89–90
disequilibrium 139–40
dollars, US 143
domestic interest rates 51–9
Dowd, Kevin 4, 81–93
Dye, Tony 130–1
easing/tightening policies 133, 149, 151
ECB see European Central Bank
ECM see Error Correction Model
Efficient Market Hypothesis (EMH) 123–5, 130
efficient prices 123–5
Elementary Principles of Economics (Fisher) 104
EMH see Efficient Market Hypothesis
employment
see also wages
low-employment equilibrium 44–5
money supply targeting 70–1
Phillips curve 160–1, 164–5
unemployment 1–2, 14–16, 159–70
endogenous contracts 63–80
equations
CTMM output gap 27
economic shock model 51–60
Keynesian views 163
<table>
<thead>
<tr>
<th>Index</th>
<th>187</th>
</tr>
</thead>
</table>

- MV=PT 172–4
- quantity theory 172–4
- equilibrium
disequilibrium 139–40
economic shocks 53–8
low employment 44–5
price levels 41
representative agent model 4
equity prices 109
Error Correction Model (ECM) 30
European Central Bank (ECB) 25, 35, 95
evaluation, fan charts 84–90
exchange rates 52–60
expectations
adaptive expectations hypothesis 167–8
bubbles 140
extrapolative expectations 128–31
inflation targeting 13–14, 20, 22
interest rates 13–14, 20
monetarism 2
rational expectations 168–9
security trading 126
expenditure 145–6, 160, 174–5
extrapolative expectations 128–31
failure, banks 99–100, 176–7
fan charts 4, 81–93
Federal Reserve System 174, 176–9, 182
feedback rules, money supply control 69–74
financial issues
boom-bust cycles 112–19
capital assets 106–9
crises 96–8
financial sector 112–19
institutions 106–9
private sector agents 107–8
stability 95–102
fiscal expansion, Japan 145–6
fiscal policy 133, 177–8
Fisher, Irving
debt-deflation 132
Phillips curve 159–62, 164–5
quantity theory 171–4
transmission mechanisms 103–6
forecasting 4, 31–3, 81–93
foreign exchange 142–3, 154–5
fountain-pen money 127, 132, 135
frictions model 11–12
Friedman, Milton
Bank of England 30
monetarism 1–2, 171–83
musical chairs analogy 115, 118
Phillips curve 159–70
transmission mechanisms 104–6
zero interest rate 63–4, 73
Fuller see Dickey–Fuller
- G-5 nations 143
- GDP (Gross Domestic Product) growth 66
general equilibrium representative agent model 4
gilt-edged stocks 35, 135–6
gold standard 101, 173
government borrowing, JGBs 155–7
Greenwood, John 6, 141–58
Gross Domestic Product (GDP) 66
growth aspects
GDP 66
Japan 142, 152–4, 156–8
Hawtrey, R. 100
Heath, Edward 114
Heath-Barber boom 114–16, 119
heuristics 18–20
horizon forecasts 84–9
household/non-household money 113–14
income, surtax 179
independence, central banks 95
indexation
economic shocks 67–9
inflation targeting 66–9
interest rate control 72
Japanese indexes 144, 147
money supply targeting 70, 73
price indexes 95–6
indicator, economic shocks 58–60
inflation 1–3, 159–70
see also deflation
average targeting 46
forecasting 81–93
inflation tax 64
inflationary bias 43
Japan 144
Mais lectures 9
Phillips curve 159–70
short-term volatility 40–1
stagflation 164–5
surprise inflation 42–3
volatility 40–2, 65
inflation fan charts 4, 81–93
alternative models 88–9
August 1997 chart 83–4, 87
credibility 87–8
density functions 83–4
evaluation 84–90
inflation rate stability 87–8
inflation rates
diffusion processes 89–90
fan charts 87–90
price stability 95
inflation targeting 3, 10–24, 39–47, 64–9
average inflation targeting 46
Bank of England 26
countries table 10
long-term price stability 39–42
money supply targeting 70
policy design 64–9
price-level targeting 39–47, 65–6
zero interest rate 73–4
information trades 125
institutions 106–9
see also banks
interest rates 127–8
BEQM 52
boom-bust cycles 112, 115
demand for money 127
control 69, 71–4
CTMM 28
educational adjustments 127
economic shocks 51–9
CTMM 27, 30
demand for money 127
domestic rates 51–9
expectations 13–14, 20
Japan 144, 146–51
Main Macroeconomic model 31
Maradona theory 2, 12–14
monetarism 182
money supply 71–2, 127–8
nominal rates 172–3
preventing bubbles 134
price targeting regimes 52
quantity theory 172–3
real rates 172–3
setting rates 11–12, 17–18, 20
shoeleather costs 63
volatility 20–2
zero interest rate 63–4, 73–4
international business 26
intuition, expectations 129
investments 41–2
Japan 6, 141–58
Japanese Government Bonds (JGBs) 152, 155

King, Mervyn 2, 9–24
Koizumi, Junichiro 141, 146, 157
Lawson boom 116–18
Lawson, Nigel 135
learning 14–24
lender of last resort (LOLR) 5, 36, 96–102, 133
life insurance 107–8, 115–17
Lilico, Andrew 3, 39–47
liquidity
asset prices 98, 101
discounting transactions 130
Heath-Barber boom 115
trades 125–6
UK private sector assets 107–8
loans, Japan 157–8
LOLR see lender of last resort
Long Term Capital Management (LTCM) 36, 97
long-run Phillips curve 164–6
low-employment equilibrium 44–5
LTCM see Long Term Capital Management
Main Macroeconomic (MM) forecasting model 31–2
Mais lectures 9–10, 20
Manias, Panics and Crashes (Kindleberger) 131
Maradona theory of interest rates 2, 12–14
markets
foreign exchange 142–3, 154–5
interventions 135–6
Japanese purchases 152
Matthews, Kent 1–7
MBC see Monetary Base Control
mean-reverting processes 89–90
Minford, Patrick 4, 6, 63–80
MM see Main Macroeconomic forecasting model
monetarism 1–2, 171–83
CTMM 27, 30
fiscal/monetary policy 178–9
Great Depression 176–7
key propositions 180–2
monetary base, Japan 148–9, 151
Monetary Base Control (MBC) 136–8
monetary policy
Bank of Japan 141–58
issues overview 1–7
money supply control 63–80
theory/practice arguments 9–24
Monetary Policy Committee (MPC)
Bank of England 25–6, 31, 35–6
fan charts 84, 87–91
inflation targeting 21–3
monetary theory 105–6, 124–5, 171–83

Kindleberger, Charles P. 131
money 123–40
  see also broad money
  demand for money 126–8
  demand shock 55–6
  expectations 128–31
  market curve 53–5
  MV=PT 172–4
  quantity 177–9, 182–3
  RMBs 119–21
  types 127
  US dollars 143

money supply
  asset ownership 106–8
  Bank of England 27, 36
  control aspects 63–80
  debt-deflation 132–3
  interest rates 127–8
  supply identity 33–4
  money supply control 63–80
  money supply targeting 69–74
  price-level targeting 63–80
  zero interest rate 73–4
  mortgages 42

MPC see Monetary Policy Committee
  multiple interest rates 28
  musical chairs analogy 115, 118
  Muth, John 168–9
  MV=PT, quantity theory 172–4

narrow money 127
  ‘natural rate’ hypothesis 166–7
  New Zealand 65–9, 95
  nominal interest rates 172–3
  nominal wages 162–3
  non-deposit liabilities, MBC 137–8
  non-price targeting regime (NPTR) 49–61

Oliver, Michael 5–6, 123–40
  open market purchases 152
  optimal monetary policy 63–80
  output gap 27, 29–30, 40
  output volatility 22, 41
  Overend and Gurney 99–100
  overfunding 116, 134–5, 138
  ‘own rate’ effect 34
  ownership, capital assets 106–9

P&G Fund Managers 130–1
  Pagan, Adrian 90
  parameter values, fan charts 83–4
  Patinkin, D. 5, 105
  pension funds 107–8, 115, 117–18
  Pepper, Gordon 5–6, 123–40
  Phillips, A.W. 159–63
  Phillips curve 14–16, 159–70
    adaptive expectations hypothesis 167–8
    Fisher 159–61
    Keynesian views 162–5
    nominal/real wages 162–5
    policy implications 169–70
    rational expectations 168–9
    verticality 165–7, 169
    Pilbeam, Keith 3, 49–61
    Plaza agreement 143, 148
    policy reaction functions 12, 14, 17
    political will 134
    portfolio trades, security trading 125
    post-war expectations 176
    practice/theory arguments 2–24
    price stability 9–11, 21, 49–61, 95–6
      aggregate supply shock 58
      long-term stability 39–42, 45
      price-targeting regime 49–61
      price targeting regime (PTR) 49–61
      determining equilibrium 53–5
      economic shocks 50–8
      indicator search 58–60
      policy-making 49–50
      price-level targeting 3, 39–47
      average inflation targeting 46
      costs/benefits 45–6
      credibility 42–3
      historical aspects 46–7
      inflation targeting 39–47, 73
      long-term price stability 39–42, 45
      low-employment equilibrium 44–5
      money supply control 63–80
      self-regulation 43–4
      zero interest rate 73–4
      prices
        efficient prices 123–5
        equities 109
        indexes 95–6
        MV=PT 172–4
        Phillips curve 159–60, 164–5
        price trades 125–6
        US variability 42
      printing-press money 127, 132, 135
      private sector agents, money supply 107–8
      private sector assets, MBC 137
      productivity norms 45–6
      property market 109–10, 115–16, 118
      PTR see price targeting regime
      public sector assets, MBC 137

quantitative expansion, BOJ 151–3
  quantity of money, monetarism 177–9, 182–3
  quantity theory 103–5, 171–5
    see also closed circuit payments

RAM see representative agent model
  random walks 89–90
<table>
<thead>
<tr>
<th>Page</th>
<th>Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>190</td>
<td>Index</td>
</tr>
</tbody>
</table>

rational expectations school 27, 30, 168–9  
rational optimising behaviour 17–20  
real interest rates 172–3  
real non-personal money balances (RMBs) 119–21  
real private domestic demand (RPDD) 119–21  
real wages 162–5  
recession 144  
regulatory issues 35, 43–4, 101  
REPO (repurchase agreement) rates 28, 31–3, 35–7  
representative agent model (RAM) 4, 75–8  
repurchase agreement (REPO) rates 28, 31–3, 35–7  
Reserve Bank of New Zealand 95  
reserves  
- central banks 136–8  
- Federal Reserve System 174, 176–9, 182  
- Reserve Bank of New Zealand 95  
- responsibilities, BOE 25–38  
- restructuring, BOJ 157–8  
Retail Price Index excluding Mortgage Payments (RPIX) 83, 88  
Riksbank, Sweden 46–7  
risk, short-term risk 130–1  
RMBs see real non-personal money balances  
RPDD see real private domestic demand  
RPIX (Retail Price Index excluding Mortgage Payments) 83, 88  
rules  
- monetary policy 12, 14–20  
- money supply targeting 69–74  
- Taylor rule 12  
Santa Claus hypothesis 104  
savings 126–7  
Schwartz, Anna 96  
security traders 125–7  
selﬁ-regulation 43–4  
sentiment, expectations 128–9  
shocks 3–4, 50–60  
- Bank of England 37  
- demand 3–4, 55–7  
- indexation 67–9  
- inﬂation targeting 20, 22  
- modeling shocks 50–60  
- money demand shock 55–6  
- output shocks 40–1  
- supply 3–4, 57–8  
shoelather costs 4, 63, 74  
short-run Phillips curve 164–5, 169  
short-term inﬂation volatility 40–1  
short-term risk 130–1  
’signal extraction’ problem 4  
Smith, David 3, 5, 25–38  

stabiliser terms, ECM 30  
stability 26, 95–102  
see also price stability  
stagflation 164–5  
stationary variables, DF tests 29  
Stewart Ivory Foundation 123  
stochastic simulation, money supply control 69–74  
supply shocks 3–4, 41, 53–5, 57–60, 68–9  
surprise inﬂation 42–3  
surtax, income, US 179  
Swedish Riksbank 46–7  
tangible assets 150–1  
taxes 64, 179  
Taylor rule 12  
technological advances 45  
time series 28–30  
‘too big to fail’ doctrine 5, 99  
traders, securities 125–7  
transactions, MV=PT 172–4  
transmission mechanisms 5, 21, 31, 103–22  
two-piece normal density function (2PN) 81, 83–4, 91–2  

UK see United Kingdom  
uncertainty 42  
unemployment 1–2, 14–16, 159–70  
see also employment  

United Kingdom (UK)  
- asset market example 111  
- boom-bust cycles 103–22  
- gold standard 101, 173  
- inﬂation targeting 65–9  
- monetarism 176, 179–80  
- money supply 33–4, 106–8  
- post-war expectations 176  
- stability beneﬁts 101  
United States (US)  
- Federal Reserve System 174, 176–9, 182  
- ﬁscal/monetary policy 178–9  
- inﬂation targeting 65–9  
- monetarism 176, 178–80  
- post-war expectations 176  
- price-level variability 42  
- stability beneﬁts 101  
- surtax on income 179  

variable-rate mortgages 42  
velocity, money 172–4, 177  
verticality, Phillips curve 165–7, 169  
volatility 20–2, 40–2, 65
Index 191

wages
  see also employment
  money supply control 66–7, 72
  Phillips curve 160–4
  price targeting regime 52
  Warburton, Peter 119–21

welfare issues 4, 69
Williams, John H. 175
Wood, Geoffrey 5, 95–102

yen depreciation, BOJ 154–5

zero interest rate (zero bound) 63–4, 73–4