

# INDEX

Phrases judged to have the status of technical terms have been italicized.

```
to reduce separable interests to a
action, meaning of 116
acuteness of need declines with
                                                  single interest 120
                                             business is a part of life, the scurrying
    increase of supply 6, 28, 29
adding-up problem or exhaustion of the
                                                  throng of events 40
    product by factor-shares 22-4
                                             ceteris paribus 28
allocation
                                             chequing accounts with zero balances
  and the consumption-budget of an
    individual 120
                                                  would be possible if knowledge
  problem of, consists in reducing
                                                  were sufficient 44, 49
     diverse interests to one interest 120
                                             choice(s)
  the universal problem of 120
                                               concerns the future, but knowledge
                                                  concerns the past 38
axioms, self-recommending, apply only
                                               inter-dependent 3, 4
     to an artificial world 41
                                               of action or conduct 2, 3
balance of payments, the, meaning of 104
                                               rational 4, 5 rational, and General Equilibrium 5
  and customers, mutual indebtedness
                                             circumstance(s)
    of 50, 94
                                               and tastes, as guides of action 2, 3 are shaped by the actions of others
  and the necessary cash base for its
    lending 95
                                                  3, 4, 5
                                               demonstrably best exploitation of,
  can anyone be one? 51
  central, role of 50, 51, 94, 95
                                                  only possible in a timeless world 37
  creates money by lending 50, 94
                                               elements included in 2, 3
                                               knowledge of 3, 37
  obligation of, to give Bank of
     England notes on demand to any
                                            climate of exposure
                                               and the fallacy of regarding eco-
     of its creditor customers 51
Bank of England
                                                  nomics as a kind of physics 121
  acts as banker to the banks 96
                                               difficulties of de-limiting, in par-
  and the commercial banks' cash base
                                                  ticular instances of policy 118
  for their lending, 94, 95
money standing in its books to the
                                               for the enterpriser, is rendered
                                                  unpredictable by government
     credit of commercial banks counts
                                                  attempts to 'manage' the private
                                               sector 124
meaning of 117, 118
     as cash 96
bond
                                               policy is bounded by 117
  involves a lender in uncertainty 54
  is a borrower's promise to pay
                                             complementary goods 29
    stated sums at stated deferred dates
                                               and substitutable goods 29
                                               effect of price-rise of 29
54
bond-market
                                             conditional intentions and pre-
  focuses all influences on the price of
                                                  reconciliation of choices 4
     bonds and thus on the interest
                                             consumption-function, derivative of, or
  rate 56, 57 is a market for a stock rather than a
                                                  marginal propensity to consume 76
                                             'controlled private-enterprise sector' is
  flow 57, 58 is speculative 53, 58
                                                  a contradiction in terms 83, 123,
                                                  124
bond prices are interest-rates from a
                                             convention
                                               and the acceptability of money 43
different viewpoint 53
budget of an individual, a firm, or a
                                               and the nature of a medium of
    government, is a plan of campaign
                                                  exchange 43
```



## Index

cumulative process of increasing outand yield of taxation 115 of demand, and effect of priceputs and prices 41, 42 currency(-ies) change on revenue 36 market for exchange of 100 meaning of 100 of demand or supply 36, 101 employment prices of, in terms of each other and payment of incomes in products 100, 101 78 currency-groups of people and the encouragement of, made difficult by price-picture as a whole 102 inflation 86, 87 cycle of booms and slumps, theories of 42 influences which govern the level may be increased by the availability decision(s) and whether distinction between 'individual' and 'board' of a foreign currency for individuals of one nation to pay each decisions is meaningful 119 other 104 prescribes action for the future, on will be higher, other things equal, the basis of knowledge about the in a country with an exportpast 40 surplus 103 required of the business man, are employment, full endless and diverse 67, 68 failure of society or an individual whether illusory or originative 62 to attain, how can it arise? 77 deferred dates preclude rationality 7 includes a special meaning for the pay of an extra weekly hour 79 maintenance of, requires fullanalogy with laden and unladen employment saving gap to be boats 28 and difficulties of particular filled by intended net investment equilibrium 28 meaning of 77, 78 and the list of influences other than price 29 natural attainment of, in the frame of equilibrium theory 78 and two modes of association of price and quantity 30, 34 endowments is a decreasing function of price 29 as circumstances influencing action speculative, is not rational in the 3 strict sense 48 enterprise strengthening of, and effect on price is action to escape from certainty 63 per unit of factors of production 34 nature of 62, 63 what can government do for it? 124 why smaller when price is higher? widens the range of 'possible' 28, 29 difference as a technical term 2 sequels of the present 63 discounted (or present) value of a series of enterprise-investment deferred receipts, effect on, of and the Kahn-Keynes Multiplier 83 interest-rate changes 56 continual attempted manipulation discounting of, will frustrate its own purpose formula of 54, 55 logical necessity of 61 depends on a state of mind 81 depends on interpretation of the distribution (sharing amongst col-laborating producers) of income stream of suggestions offered by and the adding-up problem 22 events 81 problem of, and the production-'fine tuning' of, is nonsense 83 function 15-22 is an originative act 82 division of labour, Adam Smith is fostered by a stable climate of explained the advantage of 99 taxation and monetary policy 124 is not a rational response to efficiency circumstances completely known 82 Adam Smith's prescription for 123 is paralysed by perpetual changes of government policy and method how can a government promote it? elasticity(-ies) requires stability of the business

climate up to the investment

horizon 82, 83

and trade amongst currency groups

102, 104



# Index

enterprise-investment (cont.) society's performance of, compared to the production of power by an	both parties to, can be gainers 9, 99 of goods amongst nations, why does
to the production of power by an	it occur? 99
engine 83 what can be done to maintain it?	of means for ends, in production 10
82	rates of 4 usefulness of 9
enterprise-investment, an	exchange equalization fund, nature and
test of success of, is a <i>present</i> state of	purpose of 106
mind 63	exchange-rate, the
enterpriser-employer, the, role of 79	and devaluation as a means of
equation	improving a nation's balance of
analogy with a motor-cycle engine	trade 105
26, 27	and unemployment 105
as means of expressing conditional	as a means of bringing to equality
intentions 26-30	the values of goods exchanged by
nature of 26-8	two nations 103
of demand 27–9	between currencies, does it matter?
	104
of supply 32, 33 Equilibrium, General	changes in, in response to inequality
achieved by market 4, 25	of the values of goods exchanged
and acuteness of need 6	between two nations 103
as solution of the problem of	fixed, and the danger of exhaustion
rational action 5, 6	of reserves 106
coherent unity of 25	fixed, and troubles which can be
inter-dependence of prices in 25	engendered by 105, 106
makes the Tableau Economique	fixed, defence of may engender
determinate 10	unemployment 107
means that the problem of know-	fixed, why is it resorted to? 105
ledge of circumstance has been	of one currency for another 102
solved 79	extra quantities
must one be available? 5, 6	mutually exchangeable small, and
result of pre-reconciliation 4, 25	'right proportions' of goods to
equilibrium, particular	each other 9
expression of, by combining the	or differences 2, 17, 31
equations of demand and supply	or marginal quantities 17
33, 34	small, and unanimity of valuation
meaning of 25, 26	7
equipment	focus gain, focus loss
as a form of wealth 46 Euler's theorem	focus-gain, focus loss
and factor-shares of income 23, 24	and investment-gain 65 are products of judgement 64
euro-dollars	as a means of formalizing invest-
used by non-Americans to pay each	ment-considerations 67
other 104	meaning of 64
ex ante	use of, in selecting enterprise-
a viewpoint in time, distinguished	investments 65, 66
by Myrdal from the viewpoint	function (mathematical)
ex post 40, 69	and 'constant returns to scale' 21
names the contents ascribed to a	character of, when representing the
time-interval in imagination,	conditions of production 21
before the interval begins 40	expression of 20
exchange	meaning of 20, 21
and choice I	use of 21
and gain or loss 1	
and inter-dependent choice 3, 4	gambling
and measurement of strength of	is inherent in any society which has
wish I	a market for long-lasting assets 49
and preference 1	good state of mind
and price I	attainment of, is the immediate
arises from specialization 0.00	nurnose of decision 69 64



## Index

government and provision of a stable and dependable climate for enterprise can it manage the economy? 124 what can it do for enterprise? 124 government, the, an abstract institution, contrasted with the Government, a self-interested group of particular politicians history books, all dates are co-valid in 37 cannot be sealed off from living people 118 imagination, freedom of, to fill the future 7 immigrants, do they cause unemployimport-surplus as a cause of unemployment 105 income(s) how determined 16 how disposed of 70 is production 70 paid as money, role of 70 index number of prices, defined 88 inducement to invest considerations bearing on 66, 67 depends on stability of conditions 82, 83 industry(-ies) exchange of intermediate products amongst 11 notion of 11 inflation a word conveying suggestions as to the source of a general price-rise and politics 98 and the Quantity Theory of Money 90, 91, 96-8 can be accompanied by high unemployment 42 can it be prevented by holding constant the size of the money stock? 98 defined as what we measure by an index number of prices 88, 89 is there a 'mechanism' of ? 90, 91 prevention of, depends ultimately upon a stable and cohesive society 98 transforms the nature of money and destroys its meaning 87 two kinds of source of 90

method of 12 purpose of 11, 13 intended net investment and intended saving, manner o mutual adjustment 73, 74 formula defining 68 relation of, to intended saving 71-3 inter-active conduct, rational 5 inter-necessary activities, system of 9, inter-necessity of specialized activities 9, 13 inter-personal comparison of values and the individual conscience 8 inter-personal comparisons of utility or other intensities of feeling, questionable possibility of 113, 114 interest(s) and the notion of budget 120 of government, their pursuit requires a public sector, not an attempt to manage the private sector 124 or advantage which a man seeks 2, 3 policy is bounded by 117 interest-rate(s) and bond prices 53, 56, 57 and enterprise-investment 59, 60, 61, 67 are compensation for lenders' essential uncertainty 54 essential nature of 54 influence of 53, 57, 58, 60, 61 influences on 56 is determined in the bond-market 56 is the price of loans 57 investment and saving, equality or inequality as a lever for lifting or lowering the flow of production as a whole 83as a stream 66 importance of, in society's affairs 69 intended by business men, how related to intended saving by income-receivers 71-4 unintended, as a source of suggestion for the level of intended investment in next interval 74 unintentional 71, 74 investment-gain and focus-outcomes 65 definition of 65 is a skein of rival hypotheses 65 is something conceived ex ante 65 rests upon imaginative judgement

65

input-output analysis, Leontief's 11

and final users of products 11



## Index

Kahn, R. F. (Lord), and the precise formulation of the Multiplier 84 Kahn-Keynes Multiplier, the convergence of 85, 86 does it work instantaneously? 84, 85 is an arithmetical consequence of a fractional propensity to consume pace of operation of, depends on pace of diffusion of knowledge 86 working of 85 Keynes, John Maynard and the investment Multiplier 84 and the marginal propensity to consume his theory of employment 75, 83 knowledge and conduct 38, 39, 44 and the decision what to accept in exchange for something sold 44 distilled by the market 4 equal for all members of the market 5 if perfect, would obviate the need for the holding of reserve purchasing power 44 insufficiency of, is an aspect of time itself 44 is of the past, whereas choice concerns the future 37, 38 of circumstances, and choice of action 3, 44 of circumstances, and paradox of inter-dependent choice 3 perfectible, belongs only to a timeless world 41 is the act of exchanging a known for an unknown sum of money 54 Leontief, Wassily 11, 12, 13 liquidity a form of wealth not vulnerable to technical innovation 87 is wealth in a form which avoids immediate decision what to buy liquidity preference may reduce the value of products and discourage their production 87 living organism, economic society likened to 9 marginal analysis solves problem of relative prices 16 marginal cost equality of, with marginal revenue, as test of best output 36 meaning of 31 sources of increase of, with increase of output 31, 32

marginal hour of work worth of, can seem different to an employer and to an employed person 79, 80 worth of, cannot be known until after employment has been given 79 worth of, is uncertain in a moneyusing society 79 worth of, to an employer 79 worth of, to employers and employed, and the composition of the product 80 marginal propensity to consume, meaning of 75 marginal quantity(-ies) and the equi-marginal principle are only interesting when two are compared 17 is a difference between two measurements 17, 31 marginal revenue, equality with marginal cost, as test of best output 36 market achieves General Equilibrium 4 and price 4, 5 distils knowledge 4, 5, 25 for borrowers' IOU's 53 for long-lasting assets, is necessarily speculative 46, 47 has three duties 4 solves the paradox of interdependent choice 3, 4 speculative, are essentially different from consumer's markets 47 speculative, deal in effectively durable goods 47, 53 speculative, deal in things conceived as a stock not a flow 47, 48 speculative, essential character of 47 speculative, is inherently restless 48 success of, consists in equalizing quantity demanded and quantity supplied 33 test of success of 33, 34 Marshall, Alfred, and the dilemma of seeking permanent truths about an evolving entity 125 measurement and constancy 1 and meaning 1 and variation with circumstance 1, medium of exchange is acceptable by convention 43 is really a medium of account 44, nature of the need for 44



## Index

money necessaries of life a stock of, kept in case of a fall in meaning of 114, 115 prices of other assets 46 acceptability of, is conventional 49 their necessity depends on convention 114 and the prices of income-bearing assets 45, 46 operation for measuring 1 as a speculative counter 49 engenderment of 49 particular equilibrium in the form of account-keeping analogy with laden and unladen tokens 44, 48, 49 is a refuge from uncertainty 48 boats 28 meaning of 25 is created by consent 50 past and future, the physicist's versus is what enables us to put off the economist's legitimate view of deciding what to buy 45, 49, 79 38, 39 nature of 48 payment, an idea taken to serve as need for as a store of value, stems the basis of the definition of from our lack of knowledge of the money 92 pensioners, their incomes are part of sequels to present actions 44 official, created by declaration of the the civilised frame of life 109 Bank of England 50, 51 policy(-ies) official', or legal tender 93 and counter-expected events 117 quantity of in existence, is the total and the meaning of action 116 of payments which could be made and unexpected events 117 simultaneously 93 capricious changes in, by the quantity of in existence, means the Government, destroy the enterquantity in existence at some prising spirit by making nonsense moment 93 of its conjectures 124 quantity of, includes unused discretionary and prescriptive 121 permission to overdraw 93 how can it give guidance in face of uncertainty? 120, 121 quantity of, increases when banks increase the further quantity they how can it provide against unknown are willing to lend 94 circumstances and contingencies? quantity of, is regulated ultimately 116, 117 by Parliament 51 is bounded by its interests and by its regulation of the quantity which climate of exposure 117 shall exist 51 is constrained by circumstance 116 services rendered by 48 must cope with the unknown 117 speculative motive for holding 48, nature and meaning of 116, 117 the investment Multiplier as a tool the nation's stock of, how is it of 84 changed in size? 92 policy-maker transactions motive for holding 48 first task of, is to define his interests value of, meaning of this phrase 89 and his climate of exposure 118 velocity of circulation of, meaning 96, his situation contrasts with that of the natural scientist 118 what things compose the stock of? how does he reduce his interests to an interest? 119, 120 who has the right to create it? 50 is hampered by his climate of why do people keep a store of it, exposure 118 like other manipulators of human when money can only be exchanged? 45 affairs, he cannot prevent rumours money prices and conjectures of his actions 'hydraulic' theories of 52 being diffused 118 théories of 52 the tasks of 117 Multiplier, the, has lent itself to the Political Economy notion of economics as a tidy and 'permanent facts' 125 intellectual drill 84 and the distinction between ends Myrdal, Gunnar, made a vital and means 122 and the fallacy of supposing that it distinction of two temporal viewpoints 40, 69 can be used like physics 121



## Index

Political Economy (cont.) has the two tasks of gaining insight and suggesting policy 122 its basic aims of policy are efficiency, full employment and justice of sharing of income 122 practical conscience 7, 62 and enterprise-investment 63 forbids action based on sequels not judged possible 62 pre-reconciliation of actions and General Equilibrium 3 and prices 4, 5 meaning of 3 present (or discounted) value of a series of deferred receipts, effect on, of change of interest-rate 56 present, the, is solitary 38 price(s) and measurement of diverse collections 7, 16 and need for a unit of account 43 are the means of allocating resources 34, 35 as knowledge necessary to an equilibrium 25 as objective fact as the solution of a problem 25 can change without transactions 97 compose a system 35 equalizes demand and supply 5 general consistency of 4, 5, 43 how discovered by the market 5 in expressing usefulness, practises two illusions 7 in terms of money, how engendered leverage of, or elasticity 36 of a series of stated deferred payments 56 of long-lasting assets, are speculative of various weekly quantities supplied 33, 34 or rates of exchange of goods for each other 4, 43 satisfying the equation of demand and also the equation of supply what do they do? 35 price-elasticity of demand, meaning of 36 price level, the, a vague but meaning-ful phrase 89 prices in general increase of, through faster circulation of money 96, 97 meaning of this phrase 88 product, general composition of, and uncertainty and the propensity to consume 81

composition of, to reduce uncertainty 80 time-orientation of, and uncertainty 80 production a general theory of, is needed to explain the sharing of incomes 15 a general theory of, is one possible? and law of diminishing marginal productivity 18 consists in making things useful 14 involves exchange of means for ends 10 is measured as value added 18 meaning of 14, 15, 18 production-function, meaning of 18, 19 propensity to consume, marginal and composition of the general product 81 meaning of 75 prosperity, general, depends on both efficiency of use of resources and full employment of resources 122 public authority, a, is the only effective means of performing some vital tasks 123 Quantity Theory of Money, meaning of 91, 92 quantity, variable, meaning of 19 Quesnay, François 9 rate(s) of exchange amongst goods 4 or prices 4 rationality only possible in a timeless world 37 rationally analysable conduct does not sufficiently account for the engenderment of history 84 saving and investment, can be unequal ex ante but not ex post 73 and investment, nature and effect of the adjustment process 74 and investment, role of the adjustment process between 73 and policy for maintaining full employment 74, 75 and the un-knowledge of individuals concerning each other's intentions comparison of, with enterpriseinvestment 72, 73 treated as a function of income 71, will saving and investment be naturally equal? 72, 73



## Index

scalar measurement of heterogeneous differences amongst types of 109 collections by pricing 16 differences of effect of direct and commodity taxes 110 scheme of things, the 3, 67 science of imprecision, economics as direct taxes and commodity taxes 110 69 effects of, in discouraging production sequel to a man's action, is shaped by or consumption 110 the actions of others 3 progressive and proportional, Smith, Adam, and division of labour comparative fairness of 113 progressive and proportional, comparison of the effects of 112, 113 solitary present, solitary moment, the, contains all that is actual 38, 62 progressive, meaning of 111 specialization, specialized activities 9, 99 proportional, meaning of 111 are inter-necessary 9 give rise to exchange amongst two main kinds of 110 taxes, commodity individuals or nations 9, 99 and the question what are necessaries or 'division of labour' 99 of life 114 speculation is a zero-sum game 59 difficulty of avoiding regressiveness in speculative market 114 taxes, direct and conventions 58 and self-engendering pricea higher total rate is likely to movements 58 stimulate production, a higher nature of 58 marginal rate to discourage State Servants are productive in the production 111 same sense as every other kind of effect of, on incentive to produce, worker 109 depends on both the total rate substitute (good) 29 effect of price rise of 29 and the marginal rate 111 time and reason, the two permanencies and time interval 2, 6 which entitle the economist to seek permanent truths 126 as an 'extensive variable' 37 as a flow 6 equation of 32, 33 expense of an extra unit of 31 future, is a void to be filled with meaning of 2 imagination 62 measurement of 2 has no place in the Theory of Value Tableau Economique its inexhaustible prodigality of and Leontief's input-output analysis novelty 126 moments of, no two co-exist in 11 actuality 38 the masks of 37 enriches the account given by General Equilibrium 10 includes production, a special kind trade, international of exchange 10 circumstances which give rise to of François Quesnay 9, 10 99, 100 technological balance of 10 what accounts for the peculiar troubles of? 100 tastes and circumstances, as guides of action 2 trading-revenue, deferred instalments taxation of, are conjectures or hypotheses and transfer incomes 109 60 enables all members of society to enjoy conditions which only uncertainties unnecessarily created by society as a whole can ensure 108 government attempts to manipuits function 108 late the private sector instead of transfers income from the producers creating a public sector 125 of the means of life to the unemployment producers of the conditions which and form in which incomes are make life enjoyable 108 paid 7 and the fallacy in the application of

equilibrium theory 77

trade-off between 80, 81

and uncertainty, need to organize a

and questionable meaning of inter-

personal comparisons of utility

113, 114



## Index

unemployment (cont.)
does it accompany immigration?
107
involuntary, is excluded by the
Theory of Value 77
unit of account, need for 43
variable quantity, meaning of 19

vector or point, meaning of 19 velocity of circulation of money 96, 97 wealth, forms of 46 Wealth of Nations, and the division of labour 99 Wellington, Duke of, had a policy embracing all policies 121