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Appendix A

Definition of Concepts and Delineation of Phases

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DEFINITION OF CONCEPTS USED IN THE PROJECT

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Exchange Rates.

1. *Nominal exchange rate*: The official parity for a transaction. For countries maintaining a single exchange rate registered with the International Monetary Fund, the nominal exchange rate is the registered rate.¹

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2. *Effective exchange rate (EER)*: The number of units of local currency actually paid or received for a one-dollar international transaction. Surcharges, tariffs, the implicit interest foregone on guarantee deposits, and any other charges against purchases of goods and services abroad are included, as are rebates, the value of import replenishment rights, and other incentives to earn foreign exchange for sales of goods and services abroad.

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3. *Price-level-deflated (PLD) nominal exchange rates*: The nominal exchange rate deflated in relation to some base period by the price level index of the country.

4. *Price-level-deflated EER (PLD-EER)*: The EER deflated by the price level index of the country.

5. *Purchasing-power-parity adjusted exchange rates*: The relevant (nominal or effective) exchange rate multiplied by the ratio of the foreign price level to the domestic price level.²

Devaluation.

1. *Gross devaluation*: The change in the parity registered with the IMF (or, synonymously in most cases, de jure devaluation).
2. *Net devaluation*: The weighted average of changes in EERs by classes of transactions (or, synonymously in most cases, de facto devaluation).
3. *Real gross devaluation*: The gross devaluation adjusted for the increase in the domestic price level over the relevant period.
4. *Real net devaluation*: The net devaluation similarly adjusted.

Protection Concepts.

1. *Explicit tariff*: The amount of tariff charged against the import of a good as a percentage of the import price (in local currency at the nominal exchange rate) of the good.³
2. *Implicit tariff* (or, synonymously, tariff equivalent): The ratio of the domestic price (net of normal distribution costs) minus the c.i.f. import price to the c.i.f. import price in local currency.⁴
3. *Premium*: The windfall profit accruing to the recipient of an import license per dollar of imports. It is the difference between the domestic selling price (net of normal distribution costs) and the landed cost of the item (including tariffs and other charges). The premium is thus the difference between the implicit and the explicit tariff (including other charges) multiplied by the nominal exchange rate.⁵
4. *Nominal tariff*: The tariff—either explicit or implicit as specified—on a commodity.
5. *Effective tariff*: The explicit or implicit tariff on value added as distinct from the nominal tariff on a commodity. This concept is also expressed as the effective rate of protection (ERP) or as the effective protective rate (EPR).
6. *Domestic resources costs (DRC)*: The value of domestic resources (evaluated at "shadow" or opportunity cost prices) employed in earning or saving a dollar of foreign exchange (in the value-added sense) when producing domestic goods.

DELINEATION OF PHASES USED IN TRACING THE EVOLUTION OF EXCHANGE CONTROL REGIMES

To achieve comparability of analysis among different countries, each author of a country study was asked to identify the chronological development of his

country's payments regime through the following phases. There was no presumption that a country would necessarily pass through all the phases in chronological sequence.

Phase I: During this period, quantitative restrictions on international transactions are imposed and then intensified. They generally are initiated in response to an unsustainable payments deficit and then, for a period, are intensified. During the period when reliance upon quantitative restrictions as a means of controlling the balance of payments is increasing, the country is said to be in Phase I.

Phase II: During this phase, quantitative restrictions are still intense, but various price measures are taken to offset some of the undesired results of the system. Heightened tariffs, surcharges on imports, rebates for exports, special tourist exchange rates, and other price interventions are used in this phase. However, primary reliance continues to be placed on quantitative restrictions.

Phase III: This phase is characterized by an attempt to systematize the changes which take place during Phase II. It generally starts with a formal exchange-rate change and may be accompanied by removal of some of the surcharges, etc., imposed during Phase II and by reduced reliance upon quantitative restrictions. Phase III may be little more than a tidying-up operation (in which case the likelihood is that the country will re-enter Phase II), or it may signal the beginning of withdrawal from reliance upon quantitative restrictions.

Phase IV: If the changes in Phase III result in adjustments within the country, so that liberalization can continue, the country is said to enter Phase IV. The necessary adjustments generally include increased foreign-exchange earnings and gradual relaxation of quantitative restrictions. The latter relaxation may take the form of changes in the nature of quantitative restrictions or of increased foreign-exchange allocations, and thus reduced premiums, under the same administrative system.

Phase V: This is a period during which an exchange regime is fully liberalized. There is full convertibility on current account, and quantitative restrictions are not employed as a means of regulating the ex ante balance of payments.

NOTES

1. In this volume the term *official exchange rate* is used more frequently than *nominal exchange rate*.

2. The terms used in this volume have more frequently been the *purchasing-power-parity effective exchange rate* and the *official exchange rate on a purchasing-power-parity basis*.

3. In this volume the term *legal tariff* rather than *explicit tariff* has been used.
4. *Nominal tariff rate* rather than *implicit tariff rate* is used in this volume.
5. See the two preceding footnotes referring to the terms *explicit tariff* and *implicit tariff*.

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Index

- Accelerated depreciation. *See* Depreciation
- Accelerator effect, 226
- Advance deposits, 26, 34
- Agency for International Development (AID). *See* United States Agency for International Development
- Agricultural production, 11
- Allende, Salvador, 241
- Asian Development Bank, 101ff.
- Auctions, 27, 41
- Austria, 50
- Autocorrelation, coefficient of, 162
- Automatic approval (AA), 44, 47
- Automatically approved items, 38, 44ff., 58, 76
- Balance of payments, 3, 18, 23, 56, 76, 108ff., 120, 126, 143, 169, 174, 186
- Balassa, Bela, 100, 188ff., 196, 200ff., 205, 211ff., 217ff.
- Bank deposits, 23, 54
- Bank deposit rate, 54
- Bank loan rate, 22
- Bank of Korea, 21ff., 27ff., 36ff., 48ff., 56, 67, 150, 192, 240, 244
- Bank of Korea stabilization account, 21
- Bank reserves, 21
- Barter. *See* Trade
- 258
- Bhagwati, Jagdish, 5, 217, 218
- Bhagwati-Kreuger Scheme, 3; Phase I, 3, 25ff., 247; Phase II, 3, 26, 42, 247; Phase III, 3, 42ff., 247; Phase IV, 3, 42ff., 57, 247
- Bidding, 26, 34ff.
- Black markets, 8, 36, 40ff.
- Brown, Gilbert T., 225, 244
- Bruno, Michael, 217
- Brussels Tariff Nomenclature (BTN), 60
- Burma, 50
- Business activity tax. *See* Taxes
- Business savings. *See* Savings
- Cambodia, 50
- Capital equipment. *See* Equipment
- Capital goods, 34. *See also* Imports
- Capital imports, 108, 122, 138; official, 122; private, 43. *See also* Foreign capital imports
- Capital inflow ratio, 97
- Capital intensity, 4. *See also* Factor intensity of trade
- Capital intensive goods, 223
- Capital movements, 121, 124; short term, 126, 143
- Capital-output ratio, 107, 124, 133, 162, 218, 225ff.
- Causal variables, 145

- Central bank, 113
 Chang Myon, 13, 42, 43
 Cheh, John, 5
 Chenery, Hollis B., 93ff., 98ff., 244
 Chile, 241
 Chosun Exchange Bank, 26ff.
 Cline, William R., 108, 124
 Cochrane-Orcutt Technique, 85, 99,
 132ff., 137ff., 142, 162
 Coefficient of autocorrelation. *See*
 Autocorrelation
 Coefficient of determination, 133
 Cole, David C., 244
 Collective bargaining, 226
 Combined Economic Board (CEB), 29
 Commercial loans, 104, 118
 Commercial policy, 125, 152, 164ff., 176,
 183ff.
 Commodity taxes. *See* Taxes
 Consignment, 24
 Consistent estimation. *See* Estimation
 Consumption, 6, 126, 135, 175
 Contribution to growth. *See* Sources of
 growth
 Corden, Warner M., 188ff., 201, 205,
 217, 238
 Corporate saving. *See* Savings
 Counterpart deposits, 35
 Counterpart Fund, 39, 49, 63; special
 account, 28
 Credits, 22; export, 39, 49, 102; long
 term, 102, 120; preferential, 38ff.;
 short term, 120; standby, 48, 50; trade,
 39. *See also* Letters of credit;
 Supplier's credits
 Currency, 23; in circulation, 8, 23;
 reform, 41
 Currency account, 127
 Customs code, 36
- Data: adjustments to, 132; sources, 132
 Debt service, 57, 108ff., 139, 228, 236;
 ratio, 108
 Decreasing returns, 133
 Degrees of freedom, 85, 145ff., 132, 232
 Demilitarized zone, 8
 Depreciation, 162; accelerated, 22, 51
 Devaluation, 3, 35, 54ff., 67, 74ff., 86,
 109ff., 120, 232ff., 239ff.;
 discontinuous, 119ff., 239ff.; expected
 rates of, 132; gradual, 119ff.; gross
 real, 246; net real, 246; rate of, 165ff.
See also Exchange rate
 Development Loan Fund (DLF), 102
 Deviation operator, 95
 Direct trade effects, 93
 Discount rate, 123
 Discounted value of consumption, 171ff.,
 180ff.
 Discounted value of output, 171, 177ff.,
 180ff.
 Disposable income, 126
 Documents against acceptance (D/A),
 62
 Documents against payment (D/P), 35,
 62
 Dollar-denominated deposits, 28, 38
 Domestic demand expansion (DE), 87ff.,
 92ff.
 Domestic equipment. *See* Equipment
 Domestic price index. *See* Index
 Domestic prices. *See* Prices
 Domestic resource cost (DRC), 217, 246
 Domestic savings. *See* Savings
 Duloy, John, 244
 Durbin-Watson Statistic, 99, 133
- Econometric model, 4, 125, 146, 164ff.,
 184
 Economic Planning Board, 104, 108,
 122, 139, 192, 217, 244
 Effective demand, 225
 Effective exchange rate. *See* Exchange
 rate
 Effective incentive. *See* Effective
 protection rate; Effective subsidy rate
 Effective incentive and resource
 allocation, 206ff.
 Effective protection rate: defined, 188;
 domestic sales compared with exports,
 197ff.; estimates, 195ff.; variability
 of, 200ff. *See also* Protection
 Effective subsidy rate: defined, 189;
 domestic sales compared with exports,
 197ff.; estimates, 195ff.; variability
 of, 200ff. *See also* Subsidy
 Elasticity, 140, 236f.; average for the
 official exchange rate, 142; capital
 goods imports, 141; direct tax revenues,
 134; effective exchange rate on imports,

- 141; grain consumption, 135ff.; income, 135; indirect tax revenues, 134; interest rates, 125, 137, 140; price, 135
- Emergency Presidential Decree for Economic Stabilization and Growth, 21
- Employment, 4, 219; manufacturing, 8, 223
- Endogenous variables, 125ff., 144ff., 151ff., 166, 184ff.
- Entrepreneurs, 226
- Equipment: domestic, 118, 123; foreign, 118, 122; effective tax on local production, 118; transport, 11, 197ff.
- Error terms, 125
- Estimation: coefficients, 132; consistent, 143; simultaneous, 132
- European Economic Community (EEC), 67
- Exchange certificates, 43, 48, 99
- Exchange rate, 3, 22ff., 43, 186; adjustable peg, 119; effective (EER), 35, 47, 69ff., 74ff., 84ff., 165ff., 170ff., 185, 234, 245; equilibrium, 174; exports, 165; fixed, 44, 120, 124; free market, 29, 36; gliding peg, 174, 241; imports, 140ff., 165, 235; multiple, 3, 38, 47, 54, 84, 164, 170, 176, 186, 239; nominal, 33, 245; official, 21ff., 28ff., 34ff., 41ff., 66ff., 84ff., 121, 141ff., 164ff., 176ff., 182ff.; pegged, 3, 48, 56, 67, 119ff.; policies, 1ff., 86, 121, 166, 234; price deflated, 28, 72ff.; price-level deflated, 72, 245; price-level deflated effective exchange rate (PLD-EER), 245; system, 43; unification, 74, 94, 232, 238; unitary fluctuating, 48
- Exemptions. *See* Revenues; Tax benefits; Tax concessions; Tax relief; Taxes
- Exogenous variables, 125, 129, 134, 144, 151ff., 166, 185
- Expanded Export Conference, 46
- Export accounts, 27
- Export bills, 240
- Export contribution, 87, 92
- Export dollar certificates, 33, 44, 69
- Export dollar premium, 69, 74, 165
- Export dollars, 33ff.
- Export expansion (EE), 87ff., 92ff.
- Export-import link, 26, 38, 47, 51, 69, 191
- Export industries. *See* Industries
- Export markets, 78
- Export premium, 33, 69, 74; per dollar of exports, 73, 127, 164ff., 176, 185; per dollar of imports, 127, 140ff., 165ff.
- Export usance, 50
- Exporters: association, 83; preferential loans for, 26
- Exports, 9, 12, 18ff., 41ff., 56, 66, 98, 126, 184, 190ff., 209; bonded processing, 83ff.; composition of, 10, 77ff.; elasticity to effective exchange rate, 69ff., 70, 83ff.; growth of, 1ff., 17ff., 23, 54, 76ff., 85ff., 92, 98, 122, 206, 232; import content of, 81ff., 99; incentives to, 2, 17ff., 41, 46, 49, 56, 63, 83ff., 190ff., 199ff.; manufactured, 18ff., 37, 46, 77ff., 85, 141, 184, 215ff.; preferential system, 38; price index for, 116, 124; primary products, 77, 127; promotion of, 26, 74, 243; rate of growth, 1, 74; services, 149
- Factor intensity of trade, 208ff. *See also* Capital intensity; Labor intensive exports
- Factor payments, 127
- Fair, Ray C., 145
- Family planning, 20
- Fane, George, 100
- Farm income, 18ff., 224
- Farm productivity, 20
- Farm wages, 224
- Fiscal policy, 14
- Fisher, Franklin M., 109ff., 144, 147
- Fisherian real interest analysis, 109
- Fishlow, Albert, 162
- Five-Year Plan: First, 18; Second, 19
- Foreign aid, 2, 12. *See also* United States Agency for International Development; Foreign assistance
- Foreign assistance, 2, 12
- Foreign borrowing, 101, 107ff.; commercial, 107ff., 227; optimal level of, 110; real private cost of, 110, 116; real social cost of, 110. *See also* Foreign loans
- Foreign capital, 2; arrivals, 2, 122;

- imports, 2, 17, 101, 116, 122ff., 165;
 inflows, 97ff., 106, 121
 Foreign Capital Inducement Deliberation
 Committee, 102
 Foreign Capital Inducement Law, 102ff.,
 121
 5ff. Foreign exchange, 15, 25ff., 34ff., 178,
 183, 230ff.; auction, 26; constraint,
 174, 186; deposit accounts, 27; deposit
 system, 26, 43; government-held
 (KFX), 29, 34, 44ff.; loans, 25, 29;
 ratio, 49, 55; reserves, 23, 168ff., 175,
 181, 233; stabilization fund, 48; tax,
 26, 36, 69, 176ff., 235
 Foreign Exchange Control Regulation, 51
 Foreign investment: direct, 17, 104;
 equity, 124
 Foreign lending. *See* Foreign loans
 Foreign loans, 17, 106ff., 119ff., 132,
 138ff.; arrivals, 101, 122ff.;
 commercial, 126, 141; liabilities, 120;
 social opportunity cost of, 121; term
 structure of, 120. *See also* Foreign
 borrowing
 Foreign reserves, 126. *See also* Foreign
 exchange; Reserves
 Foreign savings. *See* Savings
 France, 101
 Frank, Charles R., Jr., 108, 124
 Free market rate, 31ff., 44ff.
 Gauss-Seidel Technique, 170
 General accounts, 27
 Ginseng, 193
 Gliding parity, 121
 Government accounts, 27
 Government expenditures, 22; current,
 230; nonrecurrent, 230
 Grain. *See* Inventories; Elasticity
 Gross Domestic Product (GDP), 87, 98,
 218
 es Gross National Product (GNP), 1, 14,
 nt; 18, 23, 54, 78, 85, 97, 100, 106ff., 126,
 141, 173, 227ff.; deflator, 116ff.,
 127, 151; rate of growth, 1, 11ff., 18ff.,
 1 51, 171, 235ff.
 Growth rates at constant world prices,
 215
 Guarantees, government repayment, 104
 Guisinger, Stephen E., 218
 Han, Kee Chun, 218
 Hansen, Bent, 218
 Hong Kong, 26
 Hong, Wontak, 218
 Household savings. *See* Savings
 Import substitution (IS), 2, 86ff., 92ff.,
 100, 186, 206ff., 243; estimates of,
 92ff.; measurement of, 87ff.
 Import-competing industries. *See*
 Industries
 Imports, 9, 12, 19, 27ff., 36ff., 41ff., 56,
 98, 126, 178, 190, 209, 236;
 aid-financed, 37ff.; capital goods, 34,
 62, 141; competing, 86; composition
 of, 10; controls on, 15, 19, 44, 76,
 186ff., 192, 241; entitlements to, 35ff.,
 47, 69, 74, 83, 165; exchange rate,
 69ff., 74; foreign capital, 2; growth of,
 18ff., 58, 70, 74, 235ff.; licensing of, 37,
 48; manufactured, 10, 21, 215;
 noncompeting, 87; prepayment deposit
 on, 49, 62, 191; quotas on, 26, 37,
 44, 61, 186ff., 191, 243
 Incomé distribution, 4, 219, 223, 243
 Income effect, 163
 Income elasticity. *See* Elasticity
 Income tax. *See* Taxes
 Index: domestic price, 123; export price,
 124; import price, 124; production,
 8ff.; Seoul retail price, 8; Seoul
 wholesale price, 9, 12; unit value, 124
 India, 50
 Industrial production, 8
 Industries: export (X), 90, 186, 191,
 196ff., 200; import-competing (IC),
 90, 191, 196, 200ff.; export and
 import-competing (XIC), 90, 191,
 200ff.; non-import-competing (NIC),
 90, 191, 196, 200
 Inflation, 3ff., 12ff., 22, 76, 119, 138;
 rates of, 18, 109ff., 124, 132, 136ff.,
 162, 228, 240
 Instrumental variables, 144
 Interest cost: private real, 11, 116, 121;
 social real, 116
 Interest rate, 3, 21ff., 132, 138, 192, 228;
 domestic commercial loans, 127;
 domestic savings deposits, 127;
 elasticity, 125, 137; elasticity for

- Petroleum, 76
 PL 480, 12
 Population, 6, 125
 Positive list, 56
 Preferential export dollars, 35
 Premium, 246
 Present value, 123
 Price comparison survey, 192ff.
 Price discrimination, 83
 Price elasticity. *See* Elasticity
 Price index. *See* Index
 Prices: domestic, 4, 83; international, 4;
 wholesale, 12, 69; world market, 4
 Price stabilization, 3, 22. *See also*
 Stabilization bonds
 Primary school, 226
 Procurement. *See* Military procurement
 Production functions, 162
 Productivity, 108. *See also* Labor
 Profits, 226; windfall, 4, 44
 Prohibited items, 38
 Property and Claims Fund from Japan,
 106
 Protection: effective, 4, 70, 123, 137,
 187ff., 196ff., 206, 216; measuring of,
 217; nominal, 4, 99, 187ff., 192ff.,
 200ff., 217ff., 238
 Public enterprises, 241
 Purchasing power parity, 67ff., 85, 119ff.,
 164; adjusted exchange rate, 245;
 effective exchange rate, 72ff., 84, 171,
 174, 232, 236; exchange rate, 69,
 120, 174, 232; index, 70ff., 129, 152,
 232ff.; rate, 68ff., 174
 Pusan, 24, 27

 Quantitative restrictions, estimates of
 protective impact, 192ff., 233
 Quotas, 61, 243. *See also* Imports

 Railway freight rates, 67
 Ramaswami, V. K., 217
 Rate of return, 225
 Rates of discount, 240. *See also*
 Discount rate
 Rates of interest. *See* Interest rate
 Ray, Alok, 217
 Reforestation, 20
 Reform, 3, 15, 22, 42, 132, 240
 Repatriation, 8

 Reserves, 113. *See also* Foreign exchange
 Resource allocation, 1, 117, 186ff.,
 206ff.
 Restricted items, 38
 Revenues: current, 230; direct tax, 126,
 151, 181; government, 54, 230;
 indirect tax, 126, 151; tax, 15, 229.
 See also Taxes
 Rhee, Syngman, 41, 132

 Savings, 135; business, 137, 228ff., 240;
 corporate, 126, 136ff., 163; deposits,
 54; domestic, 2, 19, 51, 111, 227ff.;
 foreign, 2, 102, 107ff., 227;
 government, 19, 126ff., 138, 151,
 229; household, 126, 136ff., 228, 239;
 private, 19, 132, 137ff., 151
 Scitovsky, Tibor, 218
 Scott, Maurice, 217ff.
 Seoul price index. *See* Index
 Shibata, Hirofumi, 217
 Simulation, 125, 139, 166ff., 178, 183ff.
 Smithsonian Agreement, 23, 67
 Social indifference curve, 111
 Social opportunity cost of foreign loans,
 121
 Social overhead capital, 18
 Soligo, Ronald, 99
 Sources of growth: defined, 87ff.;
 estimates of, 90ff.
 Special accounts, 27
 Srinivasan, T. N., 217
 Stabilization bonds, 21
 Standard International Trade
 Classification (SITC), 58ff.
 Standby credit. *See* International
 Monetary Fund
 Statistical discrepancy, 149
 Structural change, 86ff.
 Structural norms, 96; defined, 96;
 estimated, 96; comparison with
 Korean economic structure, 96
 Subsidy: effective, 4, 189ff., 197ff., 206,
 216; export, 3, 38ff., 69, 74ff., 84ff.,
 99, 120, 137ff., 167, 174, 177ff.,
 194, 199ff., 206ff., 239, 243; interest,
 190ff. *See also* Tax subsidies
 Suppliers' credits, 101
 Switzerland, 51
 System: negative-list, 76; positive-list, 76

- Taiwan, 67, 243
 Targets, 2, 19; commodity export, 20
 Tariffs, 3, 26, 74, 132, 140, 167, 178, 185ff., 191, 236; effective, 167, 186, 246; exemption from, 26, 37ff., 57, 62, 71, 190ff.; explicit, 246; implicit, 196, 246; import, 138, 165, 174, 243; legal, 70, 187, 192ff., 201; nominal, 187, 196, 246; rates of, 36, 60ff., 69, 167, 188, 217; redundancy of, 195ff.; reform of, 36, 56, 63; regular, 194; revenues from, 174; special, 43, 49, 194; statutory rates of, 61
 Tax benefits, 104
 Tax subsidies, 190ff.
 Taxation. *See* Taxes
 Taxes, 4, 15; administration of, 3; business activity, 46; commodity, 46, 105; concessions on, 66, 104; direct, 43, 126, 133ff., 190ff., 199; exemptions of, 17, 69, 105, 134, 192; implicit rate for, 123; income, 46; indirect, 126, 133ff., 190ff.; liabilities for, 190; potential, 134; property, 105; reform of, 15, 229; relief from, 127
 Technical assistance, 29
 Technology, 6
 Temporary Foreign Exchange Tax Law, 34
 Temporary Special Customs Law, 44
 Temporary Special Excess Profits Tax Law, 47
 Temporary Special Tariff Law, 49
 Time deposits, 22, 34, 54, 228, 240
 Time preference, 111
 Total domestic resources, 100
 Trade, 1; barter, 3, 26ff.; deficit, 17ff., 109; function of, 2; program, 37ff.; restrictions, 48; surpluses, 109
 Trade Transactions Law, 39
 Transfers, 127; current account, 127; government, 149ff.
 Triangular system, 143
 Trust shipping, 26; statistics, 133
 Tungsten, 8ff., 29
 Unemployment, 219
 Unions, 226. *See also* Labor
 Unit-value indexes. *See* Index
 United Kingdom, 101
 United Nations Civil Assistance Command in Korea (UNCACK), 12
 United Nations Command (UNC), 25ff., 35, 41, 46ff.
 United Nations Economic Commission for Asia and the Far East, 62
 United States (U.S.), 21, 35, 71, 78, 101ff., 116, 241; military government, 6; supporting assistance, 47
 United States Agency for International Development (USAID), 31ff., 38, 101ff., 124, 150, 217
 Unorganized money markets, 21
 Usance, 62. *See also* Exports
 Utility function, 171
 Utility prices, 22
 Value added, nonagricultural, 126
 Viet Nam, 2, 20, 50, 58, 77
 Wages: manufacturing, 224; rates of, 223; real, 223; real rates of, 226
 Wastage allowance, 50, 57, 66, 76, 83, 190ff., 197ff.
 West Germany, 50, 58, 101, 102
 Westphal, Larry E., 195, 216
 Wholesale price index. *See* Index
 Wholesale prices. *See* Prices
 Willet, Thomas D., 124
 Working class, 225
 World market prices. *See* Prices
 World War II, 1, 9, 25
 Yen, 21