

CONTENTS

<i>Introduction to the series</i>	v
<i>Preface</i>	ix
<i>Introduction</i>	xv

PART I: MONETARISM, STRUCTURALISM AND PAST STUDIES OF CHILEAN INFLATION

<i>1. The monetarist and structural views of Chilean inflation: a survey</i>	3
1.1. The monetarist view	3
1.2. The structural view	6
1.3. Conclusions	16
<i>2. Empirical studies of Chilean inflation: the state of the art</i>	17

PART II: A QUARTERLY MODEL FOR INDUSTRIAL PRICES, INDUSTRIAL WAGES AND INFLATION

<i>3. Industrial prices, industrial wages and inflation in Chile: a quarterly model</i>	35
3.1. Prices in the industrial sector	35
3.1.1. The model	37
3.1.2. Definition of variables	45
3.1.3. Results	46
3.2. Wages in the industrial sector	50
3.2.1. The model	50
3.2.2. Definition of variables	54
3.2.3. Results	56
3.3. Industrial prices, industrial wages and cost of living	56
3.3.1. The price subsystem	57
3.3.2. Results	59
3.4. Analysis of the results	65
3.5. Steady-state behavior	93

PART III: AN ANNUAL STUDY OF INFLATION

<i>4. Some characteristics of the Chilean economy from 1950 to 1970</i>	99
4.1. Inflation and its consequences	99
4.2. Inflation and growth	100
4.3. The structure of output and employment	104
4.3.1. Agriculture	104
4.3.2. Mining	105
4.3.3. Industry	106
4.3.4. Rest of commodities	106
4.3.5. Services	106
4.4. The foreign trade situation	106
4.5. Distribution of income	109
4.6. Inflationary tax and other government taxes	110
4.7. Fiscal expenditures, fiscal income and the fiscal deficit	113
4.8. Public sectors and private sector obligations, foreign exchange operations and high-powered money	115
<i>5. A basic macromodel of the Chilean economy</i>	119
5.1. The working of the Chilean economy	119
5.2. The basic model	120
5.2.1. List of variables	121
5.2.2. The expenditure sector and the labor market	122
5.2.3. Price equations	124
5.2.4. Government sector	125
5.2.5. Money sector	126
<i>6. The production process and the employment of factors</i>	129
6.1. The expenditure in gross domestic product	130
6.2. Gross domestic product of commodities	130
6.3. Full capacity level of gross domestic product of commodities	135
6.4. Gross domestic product of services	135
6.5. Desired employment and desired capital stock in the sector producing commodities	136
6.5.1. Employment	137
6.6. Employment in the service sector	138
<i>7. Aggregate expenditures</i>	141
7.1. Aggregate demand	141
7.2. Consumption expenditures	141
7.3. Expenditures in non-durables and services	142
7.4. Expenditures in durables	144
7.5. Gross personal disposable income	147
7.6. Gross personal income	147
7.7. Employers' social security contributions	147
7.8. Direct taxes on persons in national accounts	148

7.9.	Social security contributions in national accounts	151
7.10.	Gross domestic investment in fixed capital	151
7.11.	Net domestic investment in plant and equipment	151
7.12.	Cost of capital services	154
7.13.	Gross domestic investment in plant equipment	155
7.14.	Replacement investment in plant and equipment	155
7.15.	Capital stock of plant and equipment	155
7.16.	Change in inventories	155
7.17.	Total imports	157
7.18.	Imports of raw materials	158
7.19.	Imports of consumption goods	160
7.20.	Imports of capital goods	160
8. Prices and wages		163
8.1.	Price of commodities	163
8.2.	Price of services	165
8.3.	Cost of living	166
8.4.	Wages in the commodity sector	166
8.5.	Wages in the service sector	169
9. Government taxes and the generation of the government deficit		171
9.1.	Government deficit in the fiscal account	171
9.2.	Decomposition of taxes in the fiscal account	172
9.3.	Direct taxes to non-copper corporations in the fiscal account	172
9.4.	Direct taxes to persons in the fiscal account	174
9.5.	Taxes on imports in the fiscal account	174
9.6.	Taxes on copper in the fiscal account	176
9.7.	Other taxes in the fiscal account	177
10. The monetary sector		179
10.1.	Demand for money	179
10.1.1.	The long run demand for money	184
10.1.2.	The short run demand for money	185
10.2.	The supply of money	193
10.2.1.	Introduction	193
10.2.2.	Asset components of the money base	194
10.2.3.	Net flow of Central Bank credits to the Treasury	194
10.2.4.	Liability components of the money base	195
10.2.5.	Supply of money	195
11. An annual macroeconomic model of the Chilean economy		197
11.1.	The production process and the employment of factors	197
11.2.	Aggregate expenditures	199
11.3.	Prices and wages	202
11.4.	Government taxes and the generation of the government deficit	203
11.5.	The monetary sector	204
11.6.	Some miscellaneous equations and identities	205

11.6.1.	Total wage bill	205
11.6.2.	Wages in the commodity sector	205
11.6.3.	Unit labor cost of commodities	206
11.6.4.	Wages in the service sector	206
11.6.5.	Unit labor cost of services	206
11.6.6.	Utilization rate of the capital stock	206
11.6.7.	Capacity utilization in the commodity sector	207
11.6.8.	Implicit price deflator of gross domestic product	207
11.6.9.	Implicit price deflator of taxes	207
11.6.10.	Excess demand for real money	208
11.6.11.	Opportunity cost of holding money	208
11.6.12.	Unemployment rate in the commodity sector	208
11.6.13.	Unemployment rate in the service sector	208
11.6.14.	Full employment labor force in the commodity sector	209
11.6.15.	Full employment utilization rate of capital stock in the commodity sector	209
11.6.16.	Expected wage-rental ration in the commodity sector	209
11.6.17.	Relation between average of end of the month money supply and end of the year money supply	209
11.6.18.	Price of imports	210
11.6.19.	Nominal profits	210
11.6.20.	Price of consumption goods	210
11.6.21.	Price of capital goods	211
11.6.22.	Other definitions	211
11.7	List of variables	212
<i>12.</i>	<i>Some simulation experiments</i>	219
12.1	Model backcast properties	220
12.2	Simulation experiment No. 1	237
12.3	Simulation experiment No. 2	238
12.4	Simulation experiment No. 3	245
<i>Appendix A</i>		247
<i>Appendix B</i>		253
<i>Appendix C</i>		265
<i>References</i>		277
<i>Index</i>		283