# Joan Robinson John Eathell

## an introduction Commetion Cennolines

revised edition

## An Introduction to Modern Economics

**Revised Edition** 

Joan Robinson

Emeritus Professor of Economics Cambridge University

John Eatwell

Fellow of Trinity College Cambridge

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Cambridge January 1973 JOAN ROBINSON JOHN EATWELL

#### **Preface**

The book is offered, in the first instance, to students who are beginners in economics, but some parts of it may be of wider interest.

The three topics, Economic Doctrines, Analysis and Modern Problems, might be the subject of concurrent courses or they may be studied consecutively.

Book 1 surveys the main lines of economic thinking from the eighteenth century to the present day. Here, the reader should not be held up by details of theoretical argument; the analytical points involved are explained or exposed in the course of Book 2.

In Book 2, Analysis, the first chapter examines the manner in which various systems of property affect production, when there are no differences in technical requirements.

The following nine chapters are concerned with the operation of capitalist economies. At first, a highly simplified model is used to discuss effective demand, the short-period distribution of income between wages and profits, and technical progress. In successive chapters, the subject matter grows more complex and the specifications of the models are relaxed. Chapters 5, 6 and 7 cover the ground of what is usually called micro economics, including a brief treatment of public finance. The next three deal with various aspects of the monetary system, of the growth of corporations and of trade, from national and international points of view. The final chapter in Book 2 introduces some theoretical problems of planning in a socialist state.

In the Introduction there is some discussion of methodology and a synopsis of each chapter in Book 2, with suggestions of one or two passages that may be omitted without much loss at a first reading.

Pure economic logic may be regarded as a minor branch of applied mathematics, but we have not found it useful to put much of the argument into symbolic form. The reason is that economic relationships, such as the share of saving in national income, the influence on output of the land to labour ratio, or changes in productivity following technical innovations, cannot be adequately represented in simple, smooth functions. To cut them down to fit into algebraical formulae may be seriously

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misleading. We have found it better to use the method of constructing numerical examples and diagrams; this is not so fashionable, but more enlightening.

Mathematical methods are required when actual data are to be manipulated for practical purposes (an example drawn from Soviet experience is referred to in Appendix 1 to 2 11) but then the mathematics is much more advanced than that generally used for the exposition of elementary theory, and, indeed, it is still in the course of being invented.

Book 3 touches upon problems that involve political judgement and they cannot but be seen from some particular point of view. The authors intend their own prejudices to be sufficiently obvious for the reader to discount them as he feels right.

#### Revised first edition, April 1974

Some minor slips and omissions have been corrected. No attempt has been made to bring the argument into line with events since January 1973 when the first draft was completed.

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### Book One Economic doctrines

#### Introduction

The development of a theory of political economy was an element in the growing self-consciousness of intellectual opinion that followed the scientific revolution of the seventeenth century. If the order of society was not divinely ordained, but part of the natural world, then it was a proper subject for philosophical inquiry. The religious view of social relations, which taught that there is a *just price* for every commodity and which condemned the taking of interest as usury, had given way before the requirements of commercial life. Long before there was a systematic theory of economics, actual economies had reached a high degree of complexity. The philosophers were, so to say, gazing at a rich, confused and complicated scene, trying to make sense of it.

The free-thinkers of the eighteenth century found a substitute for religion in the concept of *natural law*. They sought to find principles of harmony and justice in human life corresponding to the regularity of the physical universe that Newton had revealed.

As thought developed, natural law gave way to the principles of the *Utilitarians* who supported the doctrine of Jeremy Bentham (1748–1832) that social arrangements can and should be judged by their consequences. The criterion for judging the consequences of any policy was taken to be the contribution that it made to the 'greatest good of the greatest number'.

This was a sharp break with the theological view of life which had been transmuted into the conception of natural law. Actions were to be judged by their results, not by appeal to some general scheme of morality. Despite its humanitarian slogan, Utilitarianism quickly turned, as we shall see, into a hard-headed devotion to expediency in which the conception of social class became more rigid than ever.

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