In a wide number of economic problems the equilibrium values of the variables can be regarded as solutions of a parametrized constrained maximization problem. In particular, consumers in an economy in which the decision variables are the choice of goods. In this case the choice variables are often paths in certain function spaces and thus can be regarded as points in infinite dimensional spaces. It is sometimes possible to determine qualitative properties of the solutions with respect to changes in the parameters of the model. The study of such properties is often called comparative statics; ([55], [2], and [10]). Certain comparative static properties of the mass have proven to be of particular importance for economic models because the world is made up of many agents, they have been fore-tailed for changes in}

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**Focal Policies in a General Equilibrium Model with Private Production**

- H.H. Müller - 2012-12-06

This book offers the basic grasp of general equilibrium theory that is a fundamental background for advanced research in economics, particularly in a general equilibrium context, that is indispensable for undertaking applied policy analysis. The book uses extensive examples, both simple ones intended to bolster basic concepts, and those illustrating application of the material to economics in practice.

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**Equilibrium and Efficiency in Production Economies**

- Antonio Villar - 2012-12-02

This book is a substantially revised and enlarged version of the monograph General Equilibrium with Increasing Costs, published by Springer in 1982. The book incorporates new topics and is up-to-date with the most recent developments in the field. It also provides a more systematic analysis of the differences between production economics and without cross production sets. Five out of twelve chapters are new, and most of the remaining ones have been reformulated. An outline of contents appears in chapter 1. As a predecessor, this book contains a formal and systematic exposition of the main results on the existence and efficiency of equilibrium, in production economics where production sets need not be convex. There is an explicit attempt at making it of a suitable reference work for graduate students and researchers interested in theory (not necessarily applied) to this subject. The book is an attempt to derive equilibrium results from three key principles: (i) to provide a unified approach to the problems involved. For that we construct a basic model (ii) with a reduced number of general assumptions. (iii) To maintain a relatively low mathematical complexity. Thus, when the estimated cost of generally exceeds the benefit of simplicity, we shall state and prove the most important theorems of a general equilibrium model there is no place for money.

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**General Equilibrium Theory**

- Rosa M. Starr - 1977-07-13

General Equilibrium Theory: An Introduction presents to students general equilibrium analysis.

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**Microeconomic Theory**

- Andreo Mas-Colell - 2018

This book is written for economists who are interested in the analysis of the general equilibrium model and its applications, illustrating application of the material to economics in practice.
The Theory of Economic Equilibrium - Andreas Mac-Coll - 1989

This book brings together past and present work, written over the last twenty years, on the use of economic systems. I consider it, therefore, particularly valuable that Dr. Billet, in his book, makes a remarkable contribution in this direction. There seems to be one major difference between Dr.

Advances in equilibrium theory - Owen Burkinshaw - 1985

Advances in equilibrium theory - Owen Burkinshaw - 1985

Topological Methods in Walrasian Economics - E. Dierker - 2012-12-06

In winter 7/12 I held a seminar on general equilibrium theory for a k* group of students in mathematics and in economics at the University of Bonn. The aim of this seminar was to get an overview of the current literature and to present some缰. It was assumed in general equilibrium theory that some major results were already established.

But with the development of the theory more economics questions will be considered in their natural infinite dimensional setting • Economic knowledge is not required, but especially a reader without economic background will gain much by reading Delbecq's classical "Theory of Value" (1959) • Although the formulation of our economic problem uses a map between Euclidean spaces only, we shall also consider ma-folds • Manifolds appear in our subsequent discussions in inverse image mappings between Euclidean spaces and very often in diffeomorphic differentiable manifolds • Under differentiability assumption, for instance, the graph of the equilibrium set


This book gives the historical development, explanations of technical specifications, and a basic understanding of how to use different equilibrium models in an applied framework. It contains an accessible analytical survey of economic models, including both basic concepts and more advanced methods, such as equilibrium analysis, computational general equilibrium (CGE) model. The book introduces the importance of decision-making, and hence, a more direct decision transformation in economic models. The book is written from a mathematical viewpoint and is based on Population's Lecture Notes on International Trade Theory and Policy. First published in 2008. The content has been extensively updated and revised to stand as a new volume.

Lectures on Inequality, Poverty and Welfare - Anton Villar - 2016-12-24

These lectures aim to help readers understand the logical and nature of the main indicators of inequality and poverty, with special attention to their social welfare implications. The key approach consists in linking inequality and poverty measurement with welfare evaluation. As concern for inequality and poverty stems from ethical considerations, the measurement of those aspects necessarily involves some value judgments. Those value judgments may be linked, directly or indirectly, to welfare assessments on the distribution of personal and social welfare. This book provides a general framework, relevant to the measurement of individual characteristics and social institutions, and the opportunities that may be linked to the opportunities in a given society. The volume includes two applications that illustrate how the models can be used to analyze the distribution of personal and social welfare. The reader may benefit from these applications.

Lectures on Inequality, Poverty and Welfare - Anton Villar - 2016-12-24

This thesis was stimulated throughout the time of my participation in a research project on Dynamic Macroeconomic simulation. It is only a minor restriction, however, that functional analysis may not be a central question of how to integrate price setting within a dynamic equilibrium model. Almost all recent literature on...
Economic Theory and International Trade in Natural Exhaustible Resources - Coessens Witsippe - 1965-05-00
This study is concerned with the economic theory of exhaustible resources. The main emphasis is placed on the intertemporal implications of the overexploitation of natural resources.

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