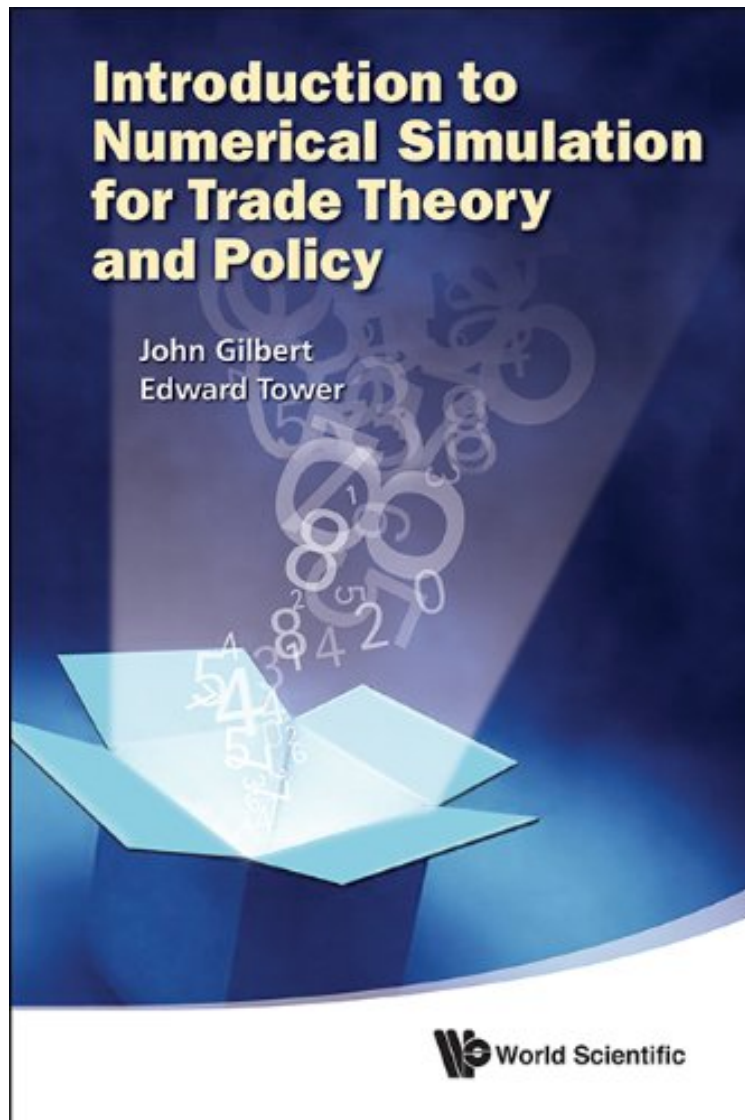


[Download] Introduction to Numerical Simulation for Trade Theory and Policy

Introduction to Numerical Simulation for Trade Theory and Policy

John Gilbert, Edward Tower

**Download PDF | ePub | DOC | audiobook | ebooks*



DOWNLOAD



READ ONLINE

#1160972 in eBooks 2012-11-29 2012-11-29 File Name: B00C1WXGBA | File size: 43.Mb

John Gilbert, Edward Tower : Introduction to Numerical Simulation for Trade Theory and Policy before purchasing it in order to gauge whether or not it would be worth my time, and all praised Introduction to Numerical Simulation for Trade Theory and Policy:

2 of 2 people found the following review helpful. An extremely handy book for CGE learners and users =)By Xiaolu (Lucy)This is a handy-dandy book that leads you through very simple models to much more complicated CGE models. It most focuses on the important ideas in international economics, building on micro, macro and industrial organization. I was delighted to use this book in Prof. Tower's computer Modeling for Policy Analysis (a core course in computational track of Duke Univ. Econ MA program), and I'll be the TA for this course in spring 2014. I learned

from zero and end up with my own team project on Overlapping Generation Model (OLG) using GAMS. There are many resources can guide you reading this book, as the Duke Course website:

http://sites.duke.edu/econ567_01_s2013/ and John Gilbert has assembled the problems at webpage:

<http://econpapers.repec.org/software/uthgt2013/>.

This volume provides a practical guide to building and using simulation models for international trade theory and policy. Through a sequence of carefully constructed and fully documented programs, the volume illustrates how numerical simulation can be used to analyze a wide array of problems. Modern computable general equilibrium (CGE) models for trade policy are challenging in their complexity, but can be thought of as constructions of much simpler building blocks. By developing the building blocks in a consistent manner, and gradually putting them together in more complex and interesting ways, the volume makes CGE accessible to anyone with a background in microeconomics/trade theory. The volume will be useful to graduate students and researchers in international trade looking for a detailed guide to building simulation models and to developing the skill set necessary to enter into the world of CGE modeling. Contents: Introduction Getting Started With GAMS Theory of Consumption, Production and Trade: Utility Maximization Cost Minimization Long-Run Production Short-Run Production Dual Approach Transition Higher Dimensions Autarky Small Country Trading Equilibrium Non-traded Goods Large Country Trading Equilibrium Two Country Trading Equilibrium Higher Dimensions and Trade Reciprocal Dumping Monopolistic Competition Commercial Policy and Distortions: Tariffs and Other Trade Interventions Domestic Taxes and Subsidies Factor Market Distortions Computable General Equilibrium: Multiple Households and Other Sources of Demand Armington Preferences Joint Production Social Accounting Matrices Closure Single Country Competitive CGE Concluding Comments Readership: Graduate students and researchers in international trade theory and policy.

"Trade economists have long taught 'Learning by Doing' models but John Gilbert and Edward Tower have now made 'Learning Trade Theory by Doing' possible. It is a book that both the students of trade theory and practitioners of computable general equilibrium models will find indispensable. The students will have fun learning the trade models which will then become permanently imprinted in their memories. Practitioners of CGE models will understand better what goes on inside the black boxes of their models. Only a collaboration between an eminent trade theorist (Tower) and an accomplished analyst of numerical models (Gilbert) could have produced such a superb manual of learning trade theory and policy." --Arvind Panagariya, Professor of Economics and International and Public Affairs, Columbia University "Ed Tower and John Gilbert have made a truly notable contribution in this volume to numerical methods of analyzing trade issues. It is an invaluable supplement to the work of economists such as Robert Feenstra in this area.

The authors must be congratulated on an important contribution that will be of great value to students and scholars alike." --Jagdish Bhagwati, University Professor of Economics and Law, Columbia University From the Inside Flap This volume provides a practical guide to building and using simulation models for international trade theory and policy. Through a sequence of carefully constructed and fully documented programs, the volume illustrates how GAMS can be used to analyze a wide array of problems. Modern computable general equilibrium (CGE) models for trade policy are challenging in their complexity, but can be thought of as constructions of much simpler building blocks. By developing the building blocks in a consistent manner, and then putting them together in more complex and interesting ways, the volume makes CGE accessible to anyone with a background in microeconomics/trade theory. The volume will be useful to graduate students and researchers in international trade looking for a detailed guide to building simulation models and to developing the skill set necessary to enter into the world of CGE modeling. About the Author Professor John Gilbert, Central Science Laboratory Sand Hutton, York, UK Dr Hamide Z. Senyuva, Ankara Test and Analysis Laboratory, Scientific and Technical Research Council of Turkey, Ankara, Turkey Both of the editors are employed in government organisations responsible for food safety and have published extensively on the analysis of toxicants and process contaminants and measures to monitor and control levels. Professor Gilbert has been Editor-in-Chief of the journal Food Additives and Contaminants since 2000.