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Soggetti	Econometrics Macroeconomics Economics - History Capital market China - History Population - Economic aspects Quantitative Economics Macroeconomics and Monetary Economics History of Economic Thought and Methodology Capital Markets History of China Population Economics
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Nota di contenuto	Part 1: Introduction: CGE and its contribution to the policy debate -- Chapter 1. Introduction/Overview -- Chapter 2. Contribution of CGE modelling in international and national policy debate -- Part 2: Equations and data, and closures for historical, decomposition, baseline and policy simulations -- Chapter 3. Equations and solution method of CHINAGEM model -- Chapter 4. Database Chapter 5. Closures of CHINAGEM model -- Chapter 6. Illustration of closures: the Chinese economy from 2012-2030 -- Part 3: Applications and add-on modules -- Chapter 7. Labour market reform and economic growth - Labour market module and its application -- Chapter 8. Population

ageing, pension system reform and economic growth –pension module and its application -- Chapter 9. China's new population policy and its effects on macro economy – population projection module and its application -- Chapter 10. China's economic transition and its effect on energy demand and greenhouse emissions – energy and climate change module and its application -- Chapter 11. Regional extension.

Sommario/riassunto

This book contains detailed documentation of the CHINAGEM model - a large-scale dynamic computable general equilibrium (CGE) model of China and its applications. Specifically, this book documents the theory and database behind the CHINAGEM model. This book explores the closure development for the four simulation modes of the model including historical, decomposition, forecast and policy simulations, the detailed explanation of how to analyze simulation results, and the extensions of CHINAGEM and their applications. These extensions include several innovative modules and case studies as examples of the application of CHINAGEM. This book provides an entry point for CGE modellers to develop their analytical skills. This book can also be used as a platform for research institutes to develop CGE models suitable for their research portfolio. The module developments included in this book are designed to capture the specific features of the Chinese economy. The applications of these modules chosen in the book cover hot policy issues in China, and the simulation results have valuable policy implications. This book identifies that the CHINAGEM model itself and all the extensions can be used for analysing many new topics and policy issues such as the effects of the USA–China trade war, the effects of Made in China 2025 Plan as well as China's commitment to the carbon neutrality before 2060 and its economic implications.
