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Descrizione fisica	1 online resource (xiv, 291 pages)
Disciplina	330.1
Soggetti	Economics Industrial organization Dynamics Ergodic theory Macroeconomics Game theory Economic Theory/Quantitative Economics/Mathematical Methods Industrial Organization Dynamical Systems and Ergodic Theory Macroeconomics/Monetary Economics//Financial Economics Game Theory, Economics, Social and Behav. Sciences
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Nota di contenuto	Part I: Introductory Matter -- 1.Utility and Demand -- 2.Elements of Production -- Part II: Models -- 3.Cournot I: Constant Returns -- 4. Cournot II: Returns to Scale and Stability -- Bertrand -- 6.Stackelberg -- 7.Hotelling Duopoly -- 8.Disequilibrium Trade and Pricing of Durable Commodities -- 9.Macroeconomics and the Trade Cycle -- Part III: Model Stubs -- 10.Introduction to the Stubs -- 11.Caudex Primus -- 12.Caudex Secundus -- 13.Caudex Tertius -- 14.Caudex Quartus -- 15.Caudex Quintus -- 16.Caudex Sextus -- 17.Caudex Septimus -- 18 -- Caudex Octavus -- 19.Caudex Nonus -- 20.Caudex Decimus -- 21.Caudex Undecimus -- 22.Caudex Duodecimus.
Sommario/riassunto	This book discusses mathematical models for various applications in

economics, with a focus on non-linear dynamics. Based on the author's over 50 years of active work in the field, the book has been inspired by models from the period between 1920 and 1950. Following a brief introduction to economics for mathematicians and other modelers, it assembles a repository of useful specific functions for global dynamic modeling. Furthermore, twelve "research stubs" – outlined research agendas that have not yet been fully worked on – are suggested for further study and could even be expanded to entire research projects. The book is a valuable resource, particularly for young scientists who are skilled in mathematical and computational techniques and are looking for applications in economics.
