1. Record Nr. UNINA9910298541203321

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Titolo	Economic Growth : Theory and Numerical Solution Methods / / by Alfonso Novales, Esther Fernández, Jesús Ruiz
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2014
ISBN	3-642-54950-0
Edizione	[2nd ed. 2014.]
Descrizione fisica	1 online resource (XIII, 558 p. 20 illus.)
Collana	Springer Texts in Business and Economics, , 2192-4333
Disciplina	338.90015118
Soggetti	Economic growth Macroeconomics Economic theory Econometrics Economic Growth Macroeconomics/Monetary Economics//Financial Economics Economic Theory/Quantitative Economics/Mathematical Methods
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Introduction -- The Neoclassical Growth Model Under a Constant Savings Rate -- Optimal Growth. Continuous Time Analysis -- Optimal Growth. Discrete Time Analysis -- Numerical Solution Methods -- Endogenous Growth Models -- Additional Endogenous Growth Models -- Growth in Monetary Economies: Steady-State Analysis of Monetary Policy -- Transitional Dynamics in Monetary Economies: Numerical Solutions -- Mathematical Appendix.
Sommario/riassunto	This is a book on deterministic and stochastic Growth Theory and the computational methods needed to produce numerical solutions. Exogenous and endogenous growth models are thoroughly reviewed. Special attention is paid to the use of these models for fiscal and monetary policy analysis. Modern Business Cycle Theory, the New Keynesian Macroeconomics, the class of Dynamic Stochastic General Equilibrium models, can be all considered as special cases of models of economic growth, and they can be analyzed by the theoretical and numerical procedures provided in the textbook. Analytical discussions

are presented in full detail. The book is self contained and it is designed so that the student advances in the theoretical and the computational issues in parallel. EXCEL and Matlab files are provided on an accompanying website (see Preface to the Second Edition) to illustrate theoretical results as well as to simulate the effects of economic policy interventions. The structure of these program files is described in "Numerical exercise"-type of sections, where the output of these programs is also interpreted. The second edition corrects a few typographical errors and improves some notation.