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Autore	Stein Jerome L
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Descrizione fisica	1 online resource (305 p.)
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Soggetti	Foreign exchange rates - Mathematical models Equilibrium (Economics) - Mathematical models Debts, Public - Mathematical models Endogenous growth (Economics) - Mathematical models Stochastic processes - Mathematical models
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Optimal debt and equilibrium exchange rates in a stochastic environment : an overview -- Stochastic optimal control model of short-term debt -- Stochastic intertemporal optimization : long-term debt continuous time -- The NATREX model and the equilibrium real exchange rate -- The equilibrium real value of the euro : an evaluation of research -- The transition economies : a NATREX evaluation of research -- Country default risk in emerging markets -- Asian crises : theory, evidence, warning signals -- United States current account deficits : a stochastic optimal control analysis.
Sommario/riassunto	This book focuses on the interaction between equilibrium real exchange rates, optimal external debt, endogenous optimal growth and current account balances, in a world of uncertainty. The theoretical parts result from interdisciplinary research between economics and applied mathematics. From the economic theory and the mathematics of stochastic optimal control the author derives benchmarks for the optimal debt and equilibrium real exchange rate in an environment

where both the return on capital and the real rate of interest are stochastic variables. The theoretically derived equilibrium real ex
