Record Nr. UNINA9910806808103321 Autore Stokey Nancy L Titolo The economics of inaction: stochastic control models with fixed costs / / Nancy L. Stokey Princeton,: Princeton University Press, c2009 Pubbl/distr/stampa **ISBN** 1-282-15873-2 9786612158735 1-4008-2981-X Edizione [Course Book] Descrizione fisica 1 online resource (321 p.) Classificazione 83.03 330.01/519233 Disciplina Soggetti Econometric models Brownian movements Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Includes bibliographical references (p. 295-302) and index. Nota di bibliografia Nota di contenuto Frontmatter -- Contents -- Preface -- 1. Introduction -- Part I. Mathematical Preliminaries -- Part II. Impulse Control Models -- Part III. Instantaneous Control Models -- Part IV. Aggregation -- A. Continuous Stochastic Processes -- B. Optional Stopping Theorem -- References --Index Sommario/riassunto In economic situations where action entails a fixed cost, inaction is the norm. Action is taken infrequently, and adjustments are large when they occur. Interest in economic models that exhibit "lumpy" behavior of this kind has exploded in recent years, spurred by growing evidence that it is typical in many important economic decisions, including price setting, investment, hiring, durable goods purchases, and portfolio management. In The Economics of Inaction, leading economist Nancy Stokey shows how the tools of stochastic control can be applied to dynamic problems of decision making under uncertainty when fixed costs are present. Stokey provides a self-contained, rigorous, and clear treatment of two types of models, impulse and instantaneous control. She presents the relevant results about Brownian motion and other diffusion processes, develops methods for analyzing each type of

problem, and discusses applications to price setting, investment, and durable goods purchases. This authoritative book will be essential

 reading for graduate students and researchers in macroeconomics.