

1. Record Nr.	UNINA9910468231403321
Autore	Brown Donald <1954->
Titolo	Affective Decision Making Under Uncertainty : Risk, Ambiguity and Black Swans // by Donald J. Brown
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-59512-9
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XIII, 81 p. 7 illus., 6 illus. in color.)
Collana	Lecture Notes in Economics and Mathematical Systems, , 2196-9957 ; ; 691
Disciplina	843.7
Soggetti	Experimental economics Economics - Psychological aspects Game theory Econometrics Experimental Economics Behavioral Finance Game Theory Quantitative Economics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This book is an exploration of the ubiquity of ambiguity in decision-making under uncertainty. It presents various essays on behavioral economics and behavioral finance that draw on the theory of Black Swans (Taleb 2010), which argues for a distinction between unprecedented events in our past and unpredictable events in our future. The defining property of Black Swan random events is that they are unpredictable, i.e., highly unlikely random events. In this text, Mandelbrot's (1972) operational definition of risky random unpredictable events is extended to Black Swan assets – assets for which the cumulative probability distribution or conditional probability distribution of random future asset returns is a power distribution. Ambiguous assets are assets for which the uncertainties of future returns are not risks. Consequently, there are two disjoint classes of

Black Swan assets: Risky Black Swan assets and Ambiguous Black Swan assets, a new class of ambiguous assets with unpredictable random future outcomes. The text is divided into two parts, the first of which focuses on affective moods, introduces affective utility functions and discusses the ambiguity of Black Swans. The second part, which shifts the spotlight to affective equilibrium in asset markets, features chapters on affective portfolio analysis and Walrasian and Gorman Polar Form Equilibrium Inequalities. In order to gain the most from the book, readers should have completed the standard introductory graduate courses on microeconomics, behavioral finance, and convex optimization. The book is intended for advanced undergraduates, graduate students and post docs specializing in economic theory, experimental economics, finance, mathematics, computer science or data analysis.

2. Record Nr.	UNINA9910876675803321
Titolo	Mobile robotics / / Luc Jaulin
Pubbl/distr/stampa	London, : ISTE Hoboken, N.J., : Wiley, 2019 London : , : ISTE, , 2019
ISBN	1-5231-2835-6 1-119-66354-7 1-119-66349-0
Edizione	[Rev. and updated 2nd ed]
Descrizione fisica	1 online resource (390 pages)
Collana	Systems and industrial engineering series / series editor, Hisham Abou-Kandil
Classificazione	548.3 629.892
Disciplina	629.892
Soggetti	Mobile robots
Lingua di pubblicazione	Non definito
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Previous ed.: 2015 Includes bibliographical references (p. [359]-360) and index
Nota di bibliografia	Includes bibliographical references (pages [359]-360) and index.
Nota di contenuto	Three-dimensional Modeling -- Feedback Linearization -- Model-free

Control -- Guidance -- Instantaneous Localization -- Identification --
Kalman Filter -- Bayes Filter.

Sommario/riassunto

Mobile Robotics presents the different tools and methods that enable the design of mobile robots; a discipline booming with the emergence of flying drones, underwater mine-detector robots, robot sailboats and vacuum cleaners. Illustrated with simulations, exercises and examples, this book describes the fundamentals of modeling robots, developing the concepts of actuators, sensors, control and guidance. Three-dimensional simulation tools are also explored, as well as the theoretical basis for the reliable localization of robots within their environment. This revised and updated edition contains additional exercises and a completely new chapter on the Bayes filter, an observer that enhances our understanding of the Kalman filter and facilitates certain proofs.
