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Titolo	Handbook of Anticipation : Theoretical and Applied Aspects of the Use of Future in Decision Making // edited by Roberto Poli
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Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (289 illus., 190 illus. in color. eReference.)
Collana	Springer reference
Disciplina	658.403
Soggetti	Philosophy Operations research Personality Difference (Psychology) Operations Research and Decision Theory Personality and Differential Psychology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	INTRODUCING ANTICIPATION -- Anticipation: An Introduction -- Time and Temporality -- Complex Systems -- Ontological Expansions (includes emergent and their stabilizers) -- UNDERSTANDING ANTICIPATION -- Human History -- Counter-factualism as anticipation -- Cultural Study -- Linguistics -- Anticipation in natural languages -- Anticipatory Processes in Sentence Processing -- Anticipation during language processing and simultaneous interpreting -- Literature -- Anticipation and Narratology -- Science Fiction as Anticipation -- Arts -- Anticipation in music -- Anticipation in the movies -- Philosophy -- Philosophy and the future -- Ethics -- Anticipatory ethics -- Responsible anticipations -- The future orientation of the capability approach -- Religion -- Anticipation and Eschatology -- Pannenberg's ontology of anticipation -- Rahner's vision of the future -- Muslim's theology and the future -- SOCIAL SCIENCES -- Geography -- Preemption, precaution and preparedness: anticipatory action and future geographies, Geopolitics -- Anthropology -- Psychology -- Microgenesis and Perception -- Bottom up and top-down anticipations

-- The End of History Illusion -- Future self-continuity -- Non-predictive anticipatory management -- Political Science -- Political anticipation -- Genealogies of the unknown -- Sociology -- Social Acceleration -- Dimensions of social time -- Social futures -- -- Group and Class Anticipations -- Real Utopias -- Utopias as Method -- Radical Democracy and critical futures – anticipation and social movements -- Indigenous Knowledge Systems & Anticipation -- Gender studies / queer theory -- Feminist anticipations -- Queer Theory and anticipatory practice, Judith Halberstam (on ‘queer time’ and ‘queer space’) -- Critical Theory - critiques of anticipatory politics and governance -- Critical Theory, receptivity, anticipation and possibility -- Regimes of Anticipation -- Regimes of Anticipation/ Politics of Possibility -- NATURAL SCIENCES -- Physics -- Entropic and synthropic systems -- Quantum Physics -- Backward Causation -- Hyperincursive systems -- Chemistry -- Hypercycles and Feedforward cycles in chemistry -- Biology -- Relational biology -- Evolution and self-organization -- System biology -- Evolutionary ecology of developmental plasticity in plants -- Plant behavior -- Microorganism behavioural, epigenetic and evolutionary processes -- Invertebrates -- Animal anticipation -- THE PART ON HIGHER ORDER ANIMALS IS LACKING -- Ecology -- Anticipation and the management of complex ecological systems -- Anticipation and resilience -- Environmental risk assessment and management -- System ecology -- FORMAL SCIENCES -- Mathematics -- Anticipation in mathematics -- Artificial and augmented reality -- Anticipatory games -- Logic -- The logic of abduction -- Statistics -- Time Series Analysis -- Robust Modeling -- System science -- Dynamical systems -- Anticipation in MES-Memory Evolutive Systems -- CONTEXTS OF ANTICIPATORY PRACTICE -- Agriculture: Anticipatory agriculture -- Architecture and design -- Anticipating world city risks -- Anticipatory and Smart City -- Advanced design -- System engineering -- Critical infrastructures -- Environmental studies -- Family therapy: Anticipation in family therapy -- Law: Anticipation in Common Law -- Military science -- Auftragstaktik and its practical refinements -- Distinguishing anticipation from planning -- Gaming as an anticipatory method -- Public administration -- Anticipatory Governance -- Anticipatory Intelligence -- Medicine and Health care -- Urban studies and planning -- ENHANCING ANTICIPATION -- Overview of future-based methods -- Assessing anticipation (FMM-Foresight Maturity Model, etc).

Sommario/riassunto

This Handbook presents the state of the art overview of current research on anticipation studies. It develops anticipation from both the theoretical and applied points of view. Via this comprehensive overview of the research on anticipation, this Handbook makes clear that anticipation is a serious topic of research that can and should be connected to Futures Studies research, perspectives and orientation. The Handbook uses the anticipatory viewpoint as a unifying framework able both to stop the progressive fragmentation of the human and social sciences and begin a process aimed at progressively closer integration, mutual knowledge and dialogue among the human and social sciences. It sets the agenda for the field, helps futures studies to come of age, and contributes to changing the orientation of the human and social sciences from their dominant past-orientation to a new future-orientation. The Handbook presents research from a variety of fields such as: Biology, ecology, psychology, social sciences, humanities, engineering, and computer science. The editorial board consists of scholars from various sciences, such as futurists, sociologists, economists, statisticians, computer scientists, designers and game builders.

