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Titolo	Progress in physical organic chemistry . Volume 12 [[electronic resource] /] / editor, Robert W. Taft
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Descrizione fisica	1 online resource (384 p.)
Collana	Progress in physical organic chemistry ; ; 12
Altri autori (Persone)	TaftRobert W
Disciplina	547.1 547.1305
Soggetti	Physical organic chemistry Chemistry, Physical and theoretical
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	PHYSICAL ORGANIC CHEMISTRY; Contents; The Nature and Analysis of Substituent Electronic Effects; A Classic Mechanism for Aromatic Nitration; The Analysis of the Ortho Effect; Quantitative Models of Steric Effects; The Alkyl Inductive Effect. Calculation of Inductive Substituent Parameters; Ah Initio Calculations of Charge Distributions in Monosubstituted Benzenes and in Meta- and Para-Substituted Fluorobenzenes. Comparison with ^1H , ^{13}C , and ^{19}F Nmr Substituent Shifts; Heats of Hydrogenation : A Brief Summary; Electronic Structure and ^{13}C Nmr; Author Index; Subject Index Cumulative Index, Volumes 1-12
Sommario/riassunto	Progress in Physical Organic Chemistry is dedicated to reviewing the latest investigations into organic chemistry that use quantitative and mathematical methods. These reviews help readers understand the importance of individual discoveries and what they mean to the field as a whole. Moreover, the authors, leading experts in their fields, offer unique and thought-provoking perspectives on the current state of the science and its future directions. With so many new findings published in a broad range of journals, Progress in Physical Organic Chemistry

2. Record Nr.	UNINA9910819661003321
Autore	Kauffman Stuart A.
Titolo	Investigations / / Stuart A. Kauffman
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ISBN	0-19-972894-1 1-280-75994-1 9786610759941
Descrizione fisica	1 online resource (548 p.)
Disciplina	576.8301
Soggetti	Life - Origin - Philosophy Self-organizing systems - Philosophy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Contents; Preface; 1 Prolegomenon to a General Biology; 2 The Origins of Life; 3 Autonomous Agents; 4 Propagating Organization; 5 A Physics of Semantics?; 6 Emergence and Story: Beyond Newton, Einstein, and Bohr?; 7 The Nonergodic Universe: The Possibility of New Laws; 8 Candidate Laws for the Coconstruction of a Biosphere; 9 The Persistently Innovative Econosphere; 10 A Coconstructing Cosmos?; Epilogue; References; Index; A; B; C; D; E; F; G; H; I; J; K; L; M; N; O; P; Q; R; S; T; U; V; W; Y; Z
Sommario/riassunto	In the tradition of Schrodinger's classic <i>What Is Life?</i> , this book is a tour-de-force investigation of the basis of life itself, with conclusions that radically undermine the scientific approaches on which modern science rests—the approaches of Newton, Boltzman, Bohr, and Einstein. Kauffman's <i>At Home in the Universe</i> , which <i>The New York Times Book Review</i> called ""passionately written"" and <i>nature</i> named ""courageous,"" introduced pivotal ideas about order and evolution in complex life systems. In <i>Investigations</i> , Kauffman builds on these theories and finds that classical science does not take

