1. Record Nr. UNINA9910780791203321 Autore Kauffman Stuart A. Titolo Investigations / / Stuart A. Kauffman Pubbl/distr/stampa Oxford, [England]:,: Oxford University Press,, 2000 2000 **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 What Is Life?, 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 At Home in the Universe, which The New York Times Book Review called ""passionately written"" and nature named ""courageous,"" introduced pivotal ideas about order and evolution in complex life

that classical sciencedoes not take

systems. In investigations, Kauffman builds on these theories and finds