

1. Record Nr.	UNINA990007519990403321
Autore	Lorenzoni, Giovanni
Titolo	Introduzione e guida ad un'inchiesta sulla piccola proprieta coltivatrice postbellica in Italia / Giovanni Lorenzoni
Pubbl/distr/stampa	Roma : Treves Dell'Ali, 1929
Descrizione fisica	112 p. ; 26 cm
Collana	Studi e monografie / INEA ; 5
Disciplina	047.002 658.93
Locazione	DECGE ILFGE FGBC FAGBC
Collocazione	047.002.LOR E-05-049 XV H 542 60 045 B 6/12
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNISA996490349103316
Autore	Jaeger Lars
Titolo	The stumbling progress of 20th century science : how crises and great minds have shaped our modern world / / Lars Jaeger
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2022] ©2022
ISBN	3-031-09618-5
Descrizione fisica	1 online resource (254 pages)
Disciplina	509
Soggetti	Discoveries in science - History - 20th century Science - History - 20th century
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Intro -- Prologue -- Contents -- Part I The Great Confusion -- 1 Newton's World Formula that Wasn't One-How the Speed of Light Shook Up Classical Physics -- The Last Magician -- Blank Spots on the Map of Science -- Steam Flasks and Stills -- The Twitching of Dead Frogs -- Magnetic Forces and Magical Thinking -- Faraday: From Magic to Science -- The Last Riddle -- Small Problems and Big Contradictions -- 2 The Battle for the Atom-From Boltzmann to Einstein-How Chance Broke into the Well-Ordered World of Physics -- Locomotives and Hot Water Bottles -- Chance Enters the Stage of Physics -- A Gravestone at the Vienna Central Cemetery -- Planck's Act of Desperation -- Einstein's Solution and Other Fundamental Contradictions -- Einstein's Second Master Stroke -- The Third Revolution from the Bern Patent Office -- Wanderer Between Two Worlds -- The Contours of the Atom-Further Contradictions -- 3 Mathematics Becomes Paradoxical-Georg Cantor and the Insurmountable Contradictions of the Infinite -- The Forbidden Door -- More Major Challenges -- Rumbling Wheels -- The Lies of the Cretans and the Truth About Infinities -- New Construction Instead of Renovation -- The Big Bang -- Is It Worth the Effort? -- 4 Darwin's Hesitation and Mendel's Diligence-Life as a Plaything of Atomic Elements -- Turtles and Mocking birds -- Chance and Necessity -- Darwin's Struggle for Existence -- Man Becomes Part of the Animal Kingdom -- Darwin and Boltzmann -- The Atoms of Life

-- Approach to the Gene -- New Theories Without Answers -- 5 The Ground Slips from Under Our Feet-The Collapse of the Classical Sciences -- A Short Excursion into Philosophy -- The Fundamental Limits of Scientific Knowledge -- Ignorabimus in Mathematics -- No Longer Master in One's Own House -- Early Philosophical Crises: Nihilism and Existentialism -- Total War. From International Cooperation to National Polemics -- Whatever Happened to the Quest for Truth? -- Science in the Soviet Union -- Part II Geniuses Create a New World -- 6 The New Boys' Physics-A New Generation Discovers the Abstract World of Quanta -- Ups and Downs -- With Hay Fever to Helgoland -- Chance Shows up Again -- Dispute Among Physicists -- A Farewell to Classical Certainty -- The Confounded Double-Slit Experiment -- Dirac's Stroke of Genius -- 7 Einstein and Schrödinger Versus Bohr and Heisenberg-How Philosophy Was Displaced by Mathematics -- A Vivid Explanation from Denmark -- An Unreliable World -- Quantum Particles Without Identity -- The Fate of a Cat Becomes the Fate of Quantum Theory -- A New Addition to the Vocabulary of Philosophers and Physicists -- Einstein Provides a Solution for Himself -- Mathematics Becomes Substance -- The Current State of Philosophy -- 8 The Final Dissolution of All Matter-The Shift from German to American Physics -- The Electromagnetic Field is Quantised -- The Photon Drops Its Mask -- Fluctuations and More Permanent Emanations of Energy -- The Disappearance of Matter -- The New American Quantum World -- Particle Zoo Without Theory -- 9 Mathematics Becomes a Superpower-How Emmy Noether, John Von Neumann, and Alan Turing Changed the World -- The Unknown Universal Genius of the Twentieth Century -- A Celebrated Bon Vivant -- The Architect of the Red Button -- The Computer Sees the Light of day -- Alan Turing-The Birth of the Digital Age -- The Mathematicians' War -- Emmy Noether Finds a Compass for the Abstract World -- Cinderella at the Mathematical Institute -- 10 The Architecture of Life is Decoded-How the "Science Clowns" Watson and Crick Ended a Decades-Long Quest -- The Birth of a New Science -- Breakthrough in the Fly Lab -- The Unknown Compound in the Centrifuge -- The Molecule of Life. The Discovery of the Double Helix -- From DNA to Proteins -- 11 The Pyrrhic Victory of Big Science-How Science Was Domesticated by the Military and Industry -- Penicillin-The Miracle Drug of Modern Medicine -- Quantum Effects in Everyday Life -- A Strong Team: Quantum Theory, Logic, and Computer Science -- In the Grip of the Military and Industry -- 12 What is a Human Being?-Our Mind as a Scientifically Ascertainable Entity -- A Look into the Distant Past -- The Neanderthal in US -- An Organ Steps Out of the Shadows -- A New View of Feeling and Thinking -- Thinking About Thinking -- At the Limits of the Explainable -- Step by Step -- The Self-Model in the World Model -- Epilogue: The Fifth Virtue of Science -- References -- Index.
