

1. Record Nr.	UNINA990000046940403321
Titolo	High speed aerodynamics and jet propulsion
Pubbl/distr/stampa	Princeton : Princeton University press, 1951-
Descrizione fisica	v. : ill. ; 24 cm
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Nota di contenuto

1.: Thermodynamics and physics of matter / Frederick D. Rossini 2.: Combustion processes / editors B. Lewis 3.: Fundamentals of gas dynamics / Howard W. Emmons 4.: Theory of laminar flows / editor F. K. Moore. - 1964 7.: Aerodynamic components of aircraft at high speeds / editors A. F. Donovan, H. R. Lawrence. - 1957 6.: General theory of high speed aerodynamics / editor W. R. Sears. - 1954 8.: High speed problems of aircraft and experimental methods / editors A. F. Donovan ... [et al.]. - 1961 9.: Physical measurements in gas dynamics and combustion 10.: Aerodynamics of turbines and compressors / W. R. Hawthorne

2. Record Nr.**Autore**

UNINA990000589970403321

Titolo

ELASTIZITAT UND FESTIGKEIT / BACH C. - BAUMANU R.

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3. Record Nr.	UNINA9910482694103321
Autore	Palladius Peder <1503-1560.>
Titolo	An introdvcition into the Bookes of the Prophets and Apostles, written by Peter Palladius, Faithfully translated out of Latin into English by Edw. Vaughan [[electronic resource]]
Pubbl/distr/stampa	London, : G.S. for William Holme, 1598
Descrizione fisica	Online resource ([112] bl.)
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4. Record Nr.	UNINA9910735784403321
Autore	Gayon Jean
Titolo	Functions: From Organisms to Artefacts / / edited by Jean Gayon, Armand de Ricqlès, Antoine C. Dussault
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
ISBN	9783031312717 3031312716
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Introduction to the English version* -- Original introduction -- PART 1
- CONCEPTUAL AND HISTORICAL PROBLEMS. Section 1. Origins of functional discourse in the life sciences Chapter 1 - Biological Function: A Brief Slice of History (James G. Lennox) -- Chapter 2 - The Structure-Function Relationship in the Advent of Biology (François Duchesneau) -- Chapter 3 - Tissues, Properties, Functions: The Term Function in French Biology in the Early 19th Century (Laurent Clauzade) -- Chapter 4 - « Design », History of the Word and the Concept: Natural Sciences, History, Theology, Aesthetics (Daniel Becquemont) -- Chapter 5 - Function and Purpose: Review of the “Written Symposium” (1976-1984) Organized by the Institut de la Méthode of the Ferdinand Gonseth Association (Pierre-Marie Pouget) * -- Section 2. Function, selection, adaptation Chapter 6 - How are Traits Typed for the Purpose of Ascribing Functions to Them? (Karen Neander) -- Chapter 7 - Attribution of Functions and Levels of Organization in Biology (Jean Gayon) -- Chapter 8 - Function and Adaptation: A Conceptual Demarcation, Instigated by Borderline Cases for Etiological Theory (Philippe Huneman) -- Chapter 9 - Function, Adaptation, and Design in Biology (Gustavo Caponi)* -- Chapter 10 - Ecological Functions, External Teleology and Between-Species Beneficial Relations (or How Aristotle and Kant Can Help us Understand Functions in Ecology) (Antoine C. Dussault)* -- PART 2 - FUNCTIONS IN BIOLOGY. Section 3. Structures and functions in morphology and paleontology Chapter 11 - The Problem of Complex Causality at the Origin of the Structure-Function Relationship 1/ Generality, 2/ The Case Of Bone Tissue (Armand de Ricqlès and Jorge Cubo) -- Chapter 12 - Structure, Function and Evolution of the Middle Ear of Extant and Extinct Vertebrates: Paleobiological and Phylogenetic Interpretations (Michel Laurin) -- Section 4. Attributions of function in experimental biology Chapter 13 - The History of Integration: From Spencer to Sherrington and Later (Jean-Claude Dupont) -- Chapter 14 - Assigning Functions to Individual Macromolecules: A Complex History that Reflects the Transformations of Biology (Michel Morange) -- Chapter 15 - Function, Functioning, Multifunctionality: Genetics of Development and Evolution (Charles Galperin) -- Chapter 16 - Does the Immune System have a Function? (Thomas Pradeu) -- Section 5: Functions and the Origins of Life Chapter 17 - Functions in Chemistry (Aurore Dupin)* -- Chapter 18 - Heterotrophy vs. Autotrophy: Carbon Metabolism in the Debate on the Origins of Life in the Middle of the 20th Century (Stéphane Tirard) -- Chapter 19 - What are Ribozymes for? Arguing for Function Pluralism (Christophe Malaterre) -- Section 6. Functions in Psychology and Neuroscience Chapter 20 - Functional Psychologists From the School of Chicago and the Beginnings of Behaviorism (Françoise Parot) -- Chapter 21 - Face Recognition and FunctionalAnalysis (Denis Forest) -- PART 3 - FUNCTION AND DYSFUNCTION IN MEDICINE AND IN TECHNOLOGY. Section 7. Function and Malfunction Chapter 22 - Dys-, Mal- and Non-: the Other Side of Functionality (Ulrich Krohs) -- Chapter 23 - Functional Reasoning in Psychiatry (Arnaud Plagnol) -- Section 8. The Same Functional Reasoning in Engineering and Biology? Chapter 24 - The Idea of Function in Biology and Robotics as Reflected in the “RoboCoq” Project (Anick Abourachid and Vincent Hugel) -- Chapter 25 - Theories of Technical Functions: Sophisticated Combinations of Three Archetypes (Wybo Houkes and Pieter E. Vermaas) -- Chapter 26 - What a Functional Explanation Explains: the Case of Bio-Artifacts (Françoise Longy) -- Chapter 27 - Technical Function, Use and Functioning in Simondon’s Ontogenetic Thought (Jean-Hugues Barthélémy)*.

debates on functions over the last forty years and proposes new ways of analysis. Pervasive throughout the life sciences, the concept of function has the air of an epistemological scandal: ascribing a function to a biological structure or process amounts to suggesting that it is explained by its effects. This book confronts the debates on function with the use of the notion in a wide range of disciplines, such as biology, psychology, and medicine. It also raises the question of whether this notion, which is as old in the history of technology as it is in the life sciences, has the same meaning in these two domains.
