Record Nr. UNINA9910452230203321 Autore Feist Gregory J Titolo The psychology of science and the origins of the scientific mind [[electronic resource] /] / Gregory J. Feist New Haven, : Yale University Press, c2006 Pubbl/distr/stampa **ISBN** 1-281-72264-2 9786611722647 0-300-13348-0 Descrizione fisica 1 online resource (336 pages) CM 2200 Classificazione Disciplina 501/.2 Soggetti Classification of sciences Science - Psychological aspects Science and psychology Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Bibliographic Level Mode of Issuance: Monograph Nota di bibliografia Includes bibliographical references (p. 237-301) and index. Nota di contenuto Front matter -- Contents -- Preface -- Acknowledgments -- Chapter 1. Psychology of Science and the Studies of Science -- Chapter 2. Biological Psychology of Science -- Chapter 3. Developmental Psychology of Science -- Chapter 4. Cognitive Psychology of Science --Chapter 5. Personality Psychology of Science -- Chapter 6. Social Psychology of Science -- Chapter 7. The Applications and Future of Psychology of Science -- Chapter 8. Evolution of the Human Mind --Chapter 9. Origins of the Scientific Thinking -- Chapter 10. Science. Pseudoscience, and Antiscience -- Notes -- Bibliography -- Index Sommario/riassunto In this book, Gregory Feist reviews and consolidates the scattered literatures on the psychology of science, then calls for the establishment of the field as a unique discipline. He offers the most comprehensive perspective yet on how science came to be possible in our species and on the important role of psychological forces in an individual's development of scientific interest, talent, and creativity. Without a psychological perspective, Feist argues, we cannot fully

> understand the development of scientific thinking or scientific genius. The author explores the major subdisciplines within psychology as well

as allied areas, including biological neuroscience and developmental, cognitive, personality, and social psychology, to show how each sheds light on how scientific thinking, interest, and talent arise. He assesses which elements of scientific thinking have their origin in evolved mental mechanisms and considers how humans may have developed the highly sophisticated scientific fields we know today. In his fascinating and authoritative book, Feist deals thoughtfully with the mysteries of the human mind and convincingly argues that the creation of the psychology of science as a distinct discipline is essential to deeper understanding of human thought processes.

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