Record Nr. UNINA9910452712503321 Autore Soom Patrice Titolo From psychology to neuroscience [[electronic resource]]: a new reductive account / / Patrice Soom Frankfurt;; New Brunswick,: Ontos Verlag, 2011 Pubbl/distr/stampa **ISBN** 3-11-032262-5 Descrizione fisica 1 online resource (322 p.) Epistemische Studien: Schriften zur Erkenntnis- und Collana Wissenschaftstheorie;; Bd. 21 158.1 Disciplina Soggetti Mind and body Philosophy of mind Psychology - Philosophy Neurosciences - Philosophy Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Frontmatter -- TABLE OF CONTENTS -- ACKNOWLEDGMENTS -- 1. INTRODUCTION -- 2. THE PROBLEM OF MENTAL CAUSATION -- 3. ONTOLOGICAL REDUCTIONISM -- 4. PSYCHOLOGY AND NEUROSCIENCE -- 5. EPISTEMOLOGICAL REDUCTIONISM -- 6. REDUCTION BY MEANS OF FUNCTIONAL SUB-TYPES -- 7. REDUCTION OF PSYCHOLOGY TO NEUROSCIENCE: CASES STUDIES -- 8. FINAL REMARKS -- BIBLIOGRAPHY -- INDEX This book explores the mind-body issue from both the perspectives of Sommario/riassunto philosophy of mind and philosophy of science. Starting from the

This book explores the mind-body issue from both the perspectives of philosophy of mind and philosophy of science. Starting from the problem of mental causation, it provides an overview of the contemporary metaphysical discussion and argues in favour of the token-identity thesis, as the only position that can account for the causal efficacy of the mental. Showing furthermore that this ontological reductionism is not dissociable from epistemological reductionism, the author applies a new strategy of inter-theoretic reduction, which is compatible with the multiple realizability of mental properties. Using functionally defined sub-types, this account establishes a conservative reduction of psychology to neuroscience, which vindicates both the

scientific legitimacy and the theoretical indispensability of psychology. This account is illustrated by several empirical examples borrowed from contemporary neuroscience.