Record Nr. UNINA9910559384103321 Autore Gouveia Steven S. Titolo Philosophy and Neuroscience: A Methodological Analysis / / by Steven S. Gouveia Cham:,: Springer International Publishing:,: Imprint: Palgrave Pubbl/distr/stampa Macmillan, , 2022 **ISBN** 9783030953690 9783030953683 Edizione [1st ed. 2022.] Descrizione fisica 1 online resource (321 pages) Collana New Directions in Philosophy and Cognitive Science, , 2946-2967 Disciplina 612.801 Soggetti Philosophy of mind Knowledge, Theory of Cognitive neuroscience Philosophy of Mind **Epistemology** Cognitive Neuroscience Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references and index. Chapter 1 - Methodological Problem in Philosophy and Neuroscience --Nota di contenuto Chapter 2 - Methodological Isolationism -- Chapter 3 - Reductive Neurophilosophy -- Chapter 4 - Neurophenomenology -- Chapter 5 -Non-Reductive Neurophilosophy -- Chapter 6 - Qualia and Information in Philosophy and Neuroscience -- Conclusion. This book explores the methodological strategies for linking Sommario/riassunto philosophy and neuroscience concerning the study of the conscious brain. The author focuses on four distinct methods for relating these two academic disciplines: isolationist, reductionist, neurophenomenological, and non-reductionist. After analyzing the pros and cons of these approaches. Steven S. Gouveia applies them to the concept of Qualia and Information to understand how the metaphilosophical assumptions of each approach influence the definitions of those specific concepts. Gouveia argues for an approach

> that conceives the interdisciplinarity of both philosophy and neuroscience, in a particular and sound methodology, offering

empirical examples of the explanatory power of this methodology over the others. Additionally, he shows how the metaphilosophical assumptions of each methodology—usually taken by researchers implicitly and unconsciously—influence their own approach to the methodological problem. Steven S. Gouveia is a Post Doctoral Research Fellow at the Mind, Brain Imaging and Neuroethics Unit of the Royal Institute of Mental Health, University of Ottawa, Canada.