1. Record Nr. UNINA9910479974703321 Autore Ione Amy Titolo Art and the brain: plasticity, embodiment, and the unclosed circle // by Amy Ione Pubbl/distr/stampa Leiden, The Netherlands;; Boston, [Massachusetts]:,: Brill Rodopi,, 2016 ©2016 **ISBN** 90-04-32299-X Descrizione fisica 1 online resource (380 pages) : color illustrations, photographs Consciousness, Literature and the Arts, , 1573-2193; ; Volume 47 Collana Disciplina 700.19 Soggetti Neurosciences and the arts Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Monografia Livello bibliografico Note generali Bibliographic Level Mode of Issuance: Monograph Includes bibliographical references and index. Nota di bibliografia Nota di contenuto Preliminary Material -- Introduction -- Framing Art and the Brain --Ancient Foundations -- The Brain Exposed and Printed -- The Soul of the Empirical Brain: Thomas Willis and René Descartes -- The Empirical Brain in Context -- The Wondrous Book of the Human Brain in 3-Dimensions -- Art, Anatomy, and the Hunter Brothers -- Art and Anatomy: Critics and Hired Hands -- Electricity Sparks the Imagination -- The Promethean Human -- Human Autonomy and Light -- Human Physiognomy, Psychology, and Brain Functions -- Technological Innovations and the Nervous System -- The Possible, Improbable, and Realization of the Magical -- Perception and Frames of Reference --Postscript: The Malleability of History -- Bibliography -- Index. Sommario/riassunto In her new book Art and the Brain: Plasticity, Embodiment and the Unclosed Circle, Amy Ione offers a profound assessment of our everevolving view of the biological brain as it pertains to embodied human experience. She deftly takes the reader from Deep History into our current worldview by surveying the range of nascent responses to perception, thoughts and feelings that have bred paradigmatic changes and led to contemporary research modalities. Interweaving carefully chosen illustrations with the emerging ideas of brain function that

define various time periods reinforces a multidisciplinary framework connecting neurological research, theories of mind, art investigations,

and intergenerational cultural practices. The book will serve as a foundation for future investigations of neuroscience, art, and the humanities.