Record Nr. UNINA9910825821203321 Globus Gordon G. <1934-> Autore **Titolo** The postmodern brain / / Gordon G. Globus Amsterdam; ; Philadelphia, : J. Benjamins Pub. Co., c1995 Pubbl/distr/stampa **ISBN** 1-283-17452-9 9786613174529 90-272-8361-3 Edizione [1st ed.] Descrizione fisica 1 online resource (200 p.) Advances in consciousness research; ; v. 1 Collana Disciplina 153 Soggetti Human information processing Connectionism Postmodernism 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 indexes. Nota di contenuto THE POSTMODERN BRAIN: Editorial page: Title page: Copyright page: Table of contents; Acknowledgements; PREFACE N; CHAPTER ONE THE UNEXPURGATE D SELF-ORGANIZINGDREAM; CHAPTER TWO. DECONSTRUCTING THE CHINESE ROOM; APPENDIX ADENNETT, THE ILLUSIONIST; APPENDIX B. NETWORK AND BACKGROUND IN SEARLE'S THEORY OF INTENTIONALITY: CHAPTER THREE. THE CONTINENTAL TRADITION AND COGNITIVE SCIENCE; I. Heidegger and Connectionism: Systems that can do what Dasein does; II. Derrida and Connectionism: Differance in neural nets; CHAPTER FOUR. TOWARD A NONCOMPUTATIONAL COGNITIVESCIENCE: THE SELF-TUNING BRAIN APPENDIXThe Binding ProblemCHAPTER FIVE. PSYCHIATRY AND THE NEW DYNAMICS; CHAPTER SIX. THE ERUPTION OF OTHER AND SELF; I. A DECONSTRUCTION OF CLASSICAL DYNAMIC PSYCHOTHERAPY; II. DREAMING OF AUTRE; APPENDIX INTRODUCTION TO PSYCHOTHERAPY; CHAPTER SEVEN. POSTMODERNISM AND THE DREAM; APPENDIX REPORT BY REVIEWER #2: CHAPTER EIGHT. TAKE-OFF TO QUANTUM BRAIN DYNAMICS: THE EXCISION FROM DISCOURSE: NOTES; REFERENCES; NAME INDEX; SUBJECT INDEX

This interdisciplinary work discloses an unexpected coherence between recent concepts in brain science and postmodern thought. A nonlinear

Sommario/riassunto

dynamical model of brain states is viewed as an autopoietic, autorhoetic, self-organizing, self-tuning eruption under multiple constraints and guided by an overarching optimization principle which insures conservation of invariances and enhancement of symmetries. The nonlinear dynamical brain as developed shows quantum nonlocality, undergoes chaotic regimes, and does not compute. Heidegger and Derrida are 'appropriated' as dynamical theorists who are concer