

1. Record Nr.	UNINA9910828270303321
Autore	Globus Gordon G. <1934->
Titolo	The transparent becoming of world : a crossing between process philosophy and quantum neurophilosophy // Gordon G. Globus
Pubbl/distr/stampa	Amsterdam ; ; Philadelphia, Pa., : John Benjamins Pub. Co., c2009
ISBN	1-282-39557-2 9786612395574 90-272-8872-0
Descrizione fisica	1 online resource (187 p.)
Collana	Advances in consciousness research, , 1381-589X ; ; v. 77
Disciplina	146/.7
Soggetti	Mind and reality Process philosophy Quantum field theory Neuropsychology - Philosophy
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 and index.
Nota di contenuto	The Transparent Becoming of World -- Editorial page -- Title page -- LCC data -- dedication page -- Table of contents -- Acknowledgements -- Quotations -- Introduction -- 1.1 World thrownness -- 1.2 Process philosophy -- 1.3 Quantum neurophilosophy -- 1.4 Methods -- 1.5 Strategy of presentation -- Faith in world -- 2.1 Introduction -- 2.2 The quotidian faith of direct realism -- 2.2.1 Direct perception as information pick-up -- 2.2.2 Direct perception as knowing -- 2.2.3 Qualia -- 2.2.4 The dreams of a robot -- 2.2.5 Radical externalism -- 2.2.6 Overview -- 2.3 indirect perception of reality -- 2.3.1 Introduction -- 2.3.2 Damasio on indirect realism -- 2.3.3 Indirect realism and perceptual "illusions" -- 2.3.4 Metzinger's indirect scientific realism -- 2.3.5 Virtual realities (VRs) -- 2.3.6 Structural realism -- 2.3.7 Pragmatism -- 2.3.8 Indirect realism as neutral monism -- 2.3.9 A gestalt version of indirect realism -- 2.3.10 Overview -- 2.4 Absolute idealism -- 2.4.1 Borges' solipsistic idealism -- 2.4.2 Berkeley's God-dependent idealism -- 2.5 Overview -- Process philosophies -- 3.1 Introduction -- 3.2 Bohm's holonomic dynamics -- 3.2.1 The law of overall necessity -- 3.2.2 Soma-

significance -- 3.2.3 Active information -- 3.2.4 Bohm's theory of consciousness -- 3.2.5 Discussion of Bohmian theory -- 3.3 Whitehead's philosophy of process -- 3.3.1 Introduction -- 3.3.2 Creative advance and novel concrescence -- 3.3.3 Actual events -- 3.3.4 Time -- 3.3.5 Eternal objects -- 3.3.6 God for Whitehead -- 3.3.7 Whitehead and world -- 3.4 Heidegger's process philosophy -- 3.4.1 Preliminaries -- 3.4.2 Sein, Da-sein, the Dasein -- 3.4.3 Zeit -- 3.4.4 In-der-Welt-sein -- 3.4.5. Seyn, Wesen -- 3.4.6 Abgrund and Zeit-Raum -- 3.4.7 Das Ereignis -- 3.4.8 Das Zwischen -- 3.5 Process and world in Whitehead, Heidegger and Bohm. Quantum brain theory and its neurophilosophical interpretation -- 4.1 Marching to a different drummer -- 4.2 Stapp's Copenhagen re-interpretation -- 4.3 Stapp as process theorist -- 4.4 The Penrose-Hameroff hypothesis -- 4.4.1 Objective reduction (OR) -- 4.4.2 Qualia -- 4.4.3 Objective reduction is orchestrated (Orch-OR) -- 4.4.4 Consciousness -- 4.4.5 The brain's orchestration of objective reduction -- 4.5 Penrose-Hameroff v. Stapp -- 4.6 Thermofield brain dynamics -- 4.6.1 Symmetry and the water dipole field -- 4.6.2 Symmetry-breaking and memory -- 4.6.3 Consciousness -- 4.6.4 Symmetry-breaking and macroscopic order -- 4.6.5 The brain's "connectivity" -- 4.6.6 Dissipative systems -- 4.6.7 Empirical support for dissipative quantum brain dynamics -- 4.6.8 Dissipation and consciousness -- 4.6.9 Consciousness as "intentional" -- 4.7 Review -- The between-two -- 5.1 Introduction -- 5.2 The Tao symbol and the between-two -- 5.3 Some previous approaches to the between-two -- 5.4 Thermofield theory of traces and recognition traces -- 5.5 Macroscopic quantum objects -- 5.6 Structural realism and the measurement problem -- 5.7 The explicate order as between-two -- 5.8 Qualities of world -- 5.9 The problem of consciousness -- Epilogue -- Abbreviations -- References -- Name index -- Subject index -- The series Advances in Consciousness Research.

Sommario/riassunto

The Transparent Becoming of World undertakes a penetrating inquiry into the quotidian world we take for granted and the brain that silently hoists our bubbles of world-thrownness. After critiquing the traditional views of direct realism, indirect realism and idealism, the continual becoming of world is explained by a novel integration of process dynamics, as formulated by Whitehead, Heidegger and Bohm, with the burgeoning field of quantum neurophilosophy. A rich ontological duality newly opened by quantum brain theory is exploited: the "between-two" of dual quantum modes. Existence as world-thrownness is between-two in waking and dreaming alike. This highly original interdisciplinary book may be of interest to philosophers, psychologists, neuroscientists, consciousness researchers, indeed anyone attracted to the enigma of their own lived existence. (Series A).
