

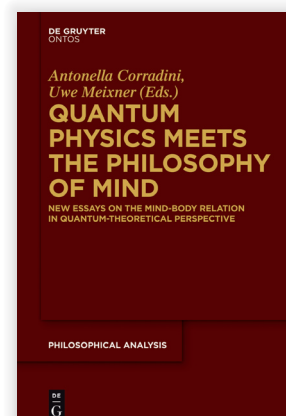
Antonella Corradini, Uwe Meixner (Eds.)

QUANTUM PHYSICS MEETS THE PHILOSOPHY OF MIND

New Essays on the Mind-Body Relation in Quantum-Theoretical Perspective

Quantum physics, in contrast to classical physics, allows non-locality and indeterminism in nature. Moreover, the role of the observer seems indispensable in quantum physics. In fact, quantum physics, unlike classical physics, suggests a metaphysics that is not physicalism (which is today's official metaphysical doctrine). As is well known, physicalism implies a reductive position in the philosophy of mind, specifically in its two core areas, the philosophy of consciousness and the philosophy of action. Quantum physics, in contrast, is compatible with psychological non-reductionism, and actually seems to support it. The essays in this book explore, from various points of view, the possibilities of basing a non-reductive philosophy of mind on quantum physics. In doing so, they not only engage with the ontological and epistemological aspects of the question but also with the neurophysiological ones.

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Philosophische Analyse / Philosophical Analysis 56

218 pp.

HC
RRP € 79.95 / *US\$ 112.00
ISBN 978-3-11-035074-6

eBook
RRP € 79.95 / *US\$ 112.00
ISBN 978-3-11-035106-4

ePub
RRP € 79.95 / *US\$ 112.00
ISBN 978-3-11-038755-1

Print + eBook
RRP € 119.95 / *US\$ 168.00
ISBN 978-3-11-035107-1

Date of publication August 2014

Language English

Subject
Theoretical Philosophy ▶ Philosophy of Science, Philosophy of Nature, Technology, Mathematics



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Prices do not include postage and handling.
09 / 14

