1. Record Nr. UNISA996383624403316

Autore	Middleton Richard <d. 1641.>
Titolo	[The heavenly progresse] [[electronic resource]]
Pubbl/distr/stampa	[London, : N. Okes, sold by S. Waterson, 1617]
Descrizione fisica	[60+], 839, [1] p
Soggetti	Christian life Meditations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from STC (2nd ed.). Colophon: London, Printed by Nicholas Okes and are to bee sold by Simo[n] Waterson, at the signe of the Crowne in Pauls Church-yard. 1617. Signatures: A-BÂ¹Â², câµ(-cââââ), C-OoÂ¹Â². Numerous errors in paging. Imperfect: title page and cââ(ââ?) lacking; tightly bound, with loss of text. Reproduction of original in: Sion College (at Lambeth Palace, London).
Sommario/riassunto	eebo-0146

2. Record Nr. UNINA9910254601503321

Autore	Ringbauer Martin
Titolo	Exploring Quantum Foundations with Single Photons / / by Martin Ringbauer
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-64988-4
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (223 pages)
Collana	Springer Theses, Recognizing Outstanding Ph.D. Research, , 2190-5053
Disciplina	530.12
Soggetti	Quantum theory Physics Quantum computers Spintronics Philosophy of nature Quantum Physics History and Philosophical Foundations of Physics Quantum Information Technology, Spintronics Philosophy of Nature
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Doctoral Thesis accepted by The University of Queensland, Australia."
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Quantum Information Basics -- Quantum Tomography -- Introduction to Quantum Foundations -- On the Reality of the Wavefunction -- Causality in a Quantum World -- Pushing Joint-Measurement Uncertainty to the Limit.
Sommario/riassunto	This thesis uses high-precision single-photon experiments to shed new light on the role of reality, causality, and uncertainty in quantum mechanics. It provides a comprehensive introduction to the current understanding of quantum foundations and details three influential experiments that significantly advance our understanding of three core aspects of this problem. The first experiment demonstrates that the quantum wavefunction is part of objective reality, if there is any such reality in our world. The second experiment shows that quantum correlations cannot be explained in terms of cause and effect, even

when considering superluminal influences between measurement outcomes. The final experiment in this thesis demonstrates a novel uncertainty relation for joint quantum measurements, where the textbook relation does not apply. .