1.	Record Nr.	UNISA996393981903316
	Autore	Williams John <1636?-1709.>
	Titolo	A vindication of the answer to the popish address presented to the ministers of the Church of England [[electronic resource]] : in reply to a pamphlet abusively intituled, A clear proof of the certainty and usefulness of the Protestant rule of faith, &c
	Pubbl/distr/stampa	London, : Printed for Ric. Chiswell ..., 1688
	Descrizione fisica	[2], 41, [1] p
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Reproduction of original in Huntington Library.
		Attributed to John Williams. cf. NUC pre-1956.
	Sommario/riassunto	eebo-0113

2.	Record Nr.	UNINA9910647769103321
	Autore	Matsuura Takaya
	Titolo	Digital quantum information processing with continuous-variable systems / / Takaya Matsuura
	Pubbl/distr/stampa	Singapore : , : Springer, , [2023] ©2023
	ISBN	9789811982880 9789811982873
	Edizione	[1st ed. 2023.]
	Descrizione fisica	1 online resource (172 pages)
	Collana	Springer Theses, Recognizing Outstanding Ph.D. Research, , 2190-5061
	Disciplina	016.61483
	Soggetti	Quantum theory
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Introduction -- Preliminaries -- Continuous-Variable Quantum System -- Quantum Key Distribution with Continuous-Variable Systems -- Quantum computation with Continuous-Variable Systems.
	Sommario/riassunto	The book provides theoretical methods of connecting discrete-variable quantum information processing to continuous-variable one. It covers the two major fields of quantum information processing, quantum communication and quantum computation, leading to achievement of a long-sought full security of continuous-variable quantum key distribution (QKD) and proposal of a resource-efficient method for optical quantum computing. Firstly, the book provides a security of continuous-variable QKD against arbitrary attacks under a realistic condition such as finite communication rounds and the use of digitized information processing. The book also provides the unified view for conventionally used approximate Gottesman-Kitaev-Preskill (GKP) codes, which encodes qudits on a continuous-variable system, enabling direct comparison between researches based on different approximations. The book finally proposes a resource-efficient method to realize the universal optical quantum computation using the GKP code via the direct preparation of the GKP magic state instead of GKP Pauli states. Feasibility of the proposed protocol is discussed based on the existing experimental proposals for the GKP state preparation.