

1.	Record Nr.	UNINA990004251020403321
	Autore	Wilson, Angus <1913-1991>
	Titolo	The Collected stories / of Angus Wilson
	Pubbl/distr/stampa	London : Secker and Warburg, 1987
	ISBN	0-436-57612-0
	Descrizione fisica	414 p. ; 24 cm
	Localione	FLFBC
	Collocazione	P.3 BR.C.1774
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
2.	Record Nr.	UNISA990000604840203316
	Autore	DU PONT, Jean Baptiste
	Titolo	L'enfer d'amour : où par trois histoires est montré à combien de malheurs les amants sont subject / J. B. Du Pont ; a cura di Sergio Poli
	Pubbl/distr/stampa	Napoli [etc.], : Edizioni scientifiche italiane, 1995
	ISBN	88-8114-005-5
	Descrizione fisica	160 p. ; 24 cm
	Collana	Pubblicazioni dell'Università degli studi di Salerno , Sezione di studi filologici, letterari e artistici ; 26
	Disciplina	843.4
	Collocazione	XXX.A. Coll. 230/ 26(Varie Coll. 684/26)
	Lingua di pubblicazione	Francese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia

3. Record Nr.	UNINA9910438116903321
Autore	Ohtsubo J (Junji)
Titolo	Semiconductor lasers : stability, instability and chaos / / Junji Ohtsubo
Pubbl/distr/stampa	Heidelberg ; ; New York, : Springer, 2013
ISBN	3-642-30147-9
Edizione	[3rd ed.]
Descrizione fisica	1 online resource (XX, 572 p.)
Collana	Springer series in optical sciences ; ; v. 111
Disciplina	621.36/6
Soggetti	Semiconductor lasers Electromagnetism Engineering Physics Quantum optics
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	Chaos in Laser Systems -- Semiconductor Lasers and Theory -- Theory of Optical Feedback.- Dynamics with Optical Feedback -- Dynamics with Optical Injection -- Dynamics with Optoelectronic Feedback and Modulation -- Instability and Chaos in Various Laser Structures -- Chaos Control and Applications -- Stabilization -- Stability and Bistability in Feedback Interferometer and Their Applications -- Chaos Synchronization in Semiconductor Lasers -- Chaotic Communications -- Physical Random Number Generations and Chaos Chips.
Sommario/riassunto	This third edition of "Semiconductor Lasers, Stability, Instability and Chaos" was significantly extended. In the previous edition, the dynamics and characteristics of chaos in semiconductor lasers after the introduction of the fundamental theory of laser chaos and chaotic dynamics induced by self-optical feedback and optical injection was discussed. Semiconductor lasers with new device structures, such as vertical-cavity surface-emitting lasers and broad-area semiconductor lasers, are interesting devices from the viewpoint of chaotic dynamics since they essentially involve chaotic dynamics even in their free-running oscillations. These topics are also treated with respect to the new developments in the current edition. Also the control of such instabilities and chaos control are critical issues for applications.

Another interesting and important issue of semiconductor laser chaos in this third edition is chaos synchronization between two lasers and the application to optical secure communication. One of the new topics in this edition is fast physical number generation using chaotic semiconductor lasers for secure communication and development of chaos chips and their application. As other new important topics, the recent advance of new semiconductor laser structures is presented, such as quantum-dot semiconductor lasers, quantum-cascade semiconductor lasers, vertical-cavity surface-emitting lasers and physical random number generation with application to quantum key distribution. Stabilities, instabilities, and control of quantum-dot semiconductor lasers and quantum-cascade lasers are important topics in this field.
