

1.	Record Nr.	UNISALENTO991001813029707536
	Autore	Pasquale, Gianluigi
	Titolo	Jean Daniélou / Gianluigi Pasquale
	Pubbl/distr/stampa	Brescia : Morcelliana, 2011
	ISBN	9788837224929
	Descrizione fisica	158 p. ; 19 cm
	Collana	Novecento teologico ; 25
	Soggetti	Daniélou, Jean <cardinale ; 1905-1974> Daniélou, Jean <cardinale ; 1905-1974>
	Lingua di pubblicazione	Italiano
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Bibliografia: p. 131-155
2.	Record Nr.	UNINA9910988283603321
	Autore	Hodgson Norman
	Titolo	Laser Resonators and Beam Propagation : Fundamentals, Advanced Concepts, Applications / / by Norman Hodgson, Horst Weber
	Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
	ISBN	3-031-51873-X
	Edizione	[3rd ed. 2025.]
	Descrizione fisica	1 online resource (XXXIII, 1026 p. 794 illus., 187 illus. in color.)
	Collana	Springer Series in Optical Sciences, , 1556-1534 ; ; 108
	Disciplina	621.366
	Soggetti	Lasers Optics Nonlinear optics Optical materials Laser Optics and Photonics Nonlinear Optics Optical Materials Laser Technology
	Lingua di pubblicazione	Inglese

Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Geometrical Optics -- Wave Optics -- Polarization -- The Fabry-Perot Interferometer -- Stable Resonators -- Resonators on the Stability Limits -- Unstable Resonators.
Sommario/riassunto	This book delivers a uniquely comprehensive and detailed discussion of the properties of optical resonators and the propagation of laser beams, covering basic theory and practical implementations including recent research. It presents the fundamental theories of resonators, such as geometrical optics, diffraction, and polarization, as well as the characteristics of important resonator schemes and their modelling. The book uses classical optics as a framework for discussing the characteristic parameters of light, such as coherence, polarization, beam size and divergence, and understanding the most fundamental laws of light propagation, including the generation and tailoring of laser beams using optical resonators in continuous-wave, Q-switched and modelocked laser operation. Intra-cavity and extra-cavity harmonic generation are discussed as well. The long-anticipated third edition features considerable expansions and updates, with a new section on ultrafast pulse generation and propagation and mode-locked laser resonators. These, combined with the carefully structured text and autonomous nature of the chapters, make the book ideal for newcomers and invaluable to specialists in both academic and industry research.