

1. Record Nr.	UNINA9910145148803321
Titolo	Springer handbook of lasers and optics / / Frank Trager, editor
Pubbl/distr/stampa	New York, N.Y. : , : Springer, , 2007
ISBN	0-387-30420-7
Edizione	[1st ed. 2007.]
Descrizione fisica	1 online resource (xxvi, 1332 pages) : illustrations (some color)
Collana	Springer Handbooks, , 2522-8706
Classificazione	33.18 33.38
Disciplina	621.366
Soggetti	Lasers Optics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"CD-ROM containing all contents best viewed with Adobe Reader 8"--P. [4] of cover.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Foreword by T. Hänsch, Nobel Price in Physics -- Part A: Basic Principles and Materials -- Part B: Fabrication and Properties of Optical Components -- Part C: Coherent and Incoherent Light Sources -- Part D: Selected Applications and Special Fields -- About the Authors -- Subject Index.
Sommario/riassunto	The Springer Handbook of Lasers and Optics provides fast, up-to-date, comprehensive and authoritative coverage of the wide fields of optics and lasers. It is written for daily use in the office or laboratory and offers explanatory text, data, and references needed for anyone working with lasers and optical instruments. Each chapter or section is authored by respected experts and contains the basic principles, applications and latest information in the field. Among the subjects covered are geometrical and wave optics, linear and nonlinear optics, optical materials and components, detectors, incoherent and all essential types of coherent light sources, generation of ultrashort pulses, spectroscopic techniques, laser safety as well as current trends in such modern areas as quantum optics, femto- and attosecond physics, and nanooptics as well as optics beyond the diffraction limit. The 21 chapters are grouped into four parts which cover basic principles and materials, fabrication and properties of optical components, coherent and incoherent light sources, and, finally, selected applications and special fields such as terahertz photonics, X-

ray optics and holography. The handbook is written and compiled for physicists, engineers and other scientists at universities and in industrial research who develop and use optical techniques. With a Foreword by Nobel Laureate T.W. Hänsch Key Topics Basic Optics Principles Coherent and Incoherent Light Sources Ultrafast Physics and Spectroscopies Optical Materials and Their Properties Fabrication and Properties of Optical Components Selected Applications and Special Fields: Nano optics, Quantum Optics, X-Ray Optics, Terahertz Photonics and Holography Features Contains over 980 two-color illustrations. Includes over 120 comprehensive tables with properties of optical materials and light sources. Emphasizes physical concepts over extensive mathematical derivations. Chapters with summaries, detailed index and fully searchable CD-ROM guarantee quick access to data. Delivers a wealth of up-to-date references.

2. Record Nr.	UNINA9910953951903321
Titolo	The scientist and the humanist : a festschrift in honor of Elliot Aronson // edited by Marti Hope Gonzales, Carol Tavris, Joshua Aronson
Pubbl/distr/stampa	New York : , : Psychology Press, , 2010
ISBN	1-136-94531-8 1-136-94532-6 1-283-03731-9 9786613037312 0-203-84801-2
Edizione	[1st ed.]
Descrizione fisica	1 online resource (398 p.)
Collana	Modern pioneers in psychological science : an APS-Psychology Press series
Altri autori (Persone)	AronsonElliot AronsonJoshua GonzalesMarti Hope TavrisCarol
Disciplina	302.092
Soggetti	Social psychology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Series title from CIP data.

Nota di bibliografia

Includes bibliographical references and indexes.

Nota di contenuto

pt. 1. Issues in social psychology -- pt. 2. Cognitive dissonance and its descendants -- pt. 3. Research and applications -- pt. 4. Writing and teaching -- pt. 5. Codas.

Sommario/riassunto

Elliot Aronson is among the 100 most influential psychologists of the 20th Century. He is best known for his theorizing and research on cognitive dissonance theory -- one of the most provocative and enduring theories in contemporary psychology -- and for his design of the ""jigsaw classroom,"" an applied method of reducing conflict and prejudice in multiethnic schools. Throughout his illustrious career, he has championed the application of social-psychological theory and methods for solving such pressing social problems as prejudice, energy efficiency, conflict and miscommunication in relat