

1. Record Nr.	UNINA9910452924503321
Autore	Karp Sherman
Titolo	Fundamentals of electro-optic systems design : communications, lidar, and imaging // Sherman Karp, Larry B. Stotts [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2013
ISBN	1-107-23573-1 1-139-61056-2 1-139-61242-5 1-139-60890-8 1-139-10885-9 1-139-61614-5 1-139-62544-6 1-283-87055-X 1-139-62172-6
Descrizione fisica	1 online resource (xviii, 302 pages) : digital, PDF file(s)
Disciplina	621.382/7
Soggetti	Optical communications Optical radar Imaging systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Machine generated contents note: 1. Genesis of electro-optic systems; 2. Role of electromagnetic theory in electro-optics systems; 3. Photo-detection of electromagnetic radiation; 4. Metrics for evaluating photo-detected radiation; 5. Contrast, visibility and imaging; 6. Signal modulation schemes in optical communications; 7. Forward error correction coding; 8. Modern communications designs for FOC/FSOC applications; 9. Light detection and ranging (LIDAR); 10. Communications in the turbulent channel; 11. Communications in the optical scatter channel.
Sommario/riassunto	Using fundamentals of communication theory, thermodynamics, information theory and propagation theory, this book explains the universal principles underlying a diverse range of electro-optical

systems. From fiber optics and infra-red imaging to free space communications and laser remote sensing, the authors relate key concepts in science and device engineering to practical systems issues. A broad spectrum of coherent and incoherent imaging and communications systems is considered, accompanied by many real-world examples. The authors also present new insights into LIDAR and free space communications and imaging, providing practical guidance on identifying the fundamental limitations of transmission and imaging through deleterious channels. Accompanied by online examples of processed images and videos, this uniquely tailored guide to the fundamental principles underlying modern electro-optical systems is an essential reference for all practising engineers and academic researchers in optical engineering.

2. Record Nr.

Autore

Titolo

Pubbl/distr/stampa

ISBN

Edizione

Descrizione fisica

Altri autori (Persone)

Disciplina

Soggetti

Lingua di pubblicazione

Formato

Livello bibliografico

Note generali

Nota di contenuto

UNINA9910781730603321

Ottemiller John H (John Henry), <1916-1968.>

Ottemiller's index to plays in collections [[electronic resource]] : an author and title index to plays appearing in collections published since 1900

Lanham, : Scarecrow Press, Inc., 2011

1-283-30259-4

9786613302595

0-8108-7721-X

[8th ed. /]

1 online resource (4287 p.)

MontgomeryDenise L. <1953->

016.80882

Drama

Inglese

Materiale a stampa

Monografia

Description based upon print version of record.

Acknowledgments; Introduction; How to Use This Book; Anthology Codes and Titles; Author Index; List of Collections Analyzed and Key to Symbols; Title Index; Anthology Title Index; Appendix A: Authors by Country, Race, and Ethnic Group; Appendix B: Women Authors; Appendix C: Authors by Sexual Orientation; About the Author

Sommario/riassunto

Representing the largest expansion between editions, this updated volume of Ottemiller's Index to Plays in Collections is the standard location tool for full-length plays published in collections and anthologies in England and the United States throughout the 20th century and beyond. This new volume lists more than 3,500 new plays and 2,000 new authors, as well as birth and/or death information for hundreds of authors.
