

1. Record Nr.	UNINA9910823406903321
Titolo	Laser technology // editor in chief, Lan Xinju
Pubbl/distr/stampa	Boca Raton : , : Taylor & Francis, , 2010
ISBN	0-429-15085-7 1-4200-9171-9
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (427 p.)
Altri autori (Persone)	XinjuLan
Disciplina	621.36/6
Soggetti	Lasers Optics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	A CRC title.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front cover; Preface; Introduction; Contents; CHAPTER 1. Laser Modulation and Deflection Technology; CHAPTER 2. The Q Modulating (Q-switching) Technology; CHAPTER 3. Ultrashort Pulse Technology; CHAPTER 4. The Laser Amplifying Technology; CHAPTER 5. The Mode Selecting Technology; CHAPTER 6. The Frequency Stabilizing Technology; CHAPTER 7. The Nonlinear Optical Technology; CHAPTER 8. The Laser Transmission Technology; Back cover
Sommario/riassunto	As different laser technologies continue to make it possible to change laser parameters and improve beam quality and performance, a multidisciplinary theoretical knowledge and grasp of cutting-edge technological developments also become increasingly important. The revised and updated Laser Technology, Second Edition reviews the principles and basic physical laws of lasers needed to learn from past developments and solve the many technical problems arising in this challenging field. The first edition of Laser Technology was classified by the Chi