

1. Record Nr.	UNINA9910789694003321
Titolo	Fiber Bragg grating sensors [[electronic resource] ] : recent advancements, industrial applications and market exploitation // editors, Andrea Cusano, Antonello Cutolo and Jacques Albert
Pubbl/distr/stampa	[Saif Zone, Sharjah, United Arab Emirates], : Bentham Science Publishers Ltd., [2011]
ISBN	1-60805-084-X
Descrizione fisica	1 online resource (332 p.)
Altri autori (Persone)	CusanoAndrea CutoloAntonello AlbertJacques
Disciplina	621.38275
Soggetti	Optical fibers Bragg gratings Optical detectors
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	01 Cover Page.pdf; 02 Title page; 04 Contents; 05 Foreword; 06 Preface-REVISED; 07 Contributors; 08 CHAPTER 1; 09 CHAPTER 2; 10 CHAPTER 3; 11 CHAPTER 4; 12 CHAPTER 5; 13 CHAPTER 6; 14 CHAPTER 7; 15 CHAPTER 8; 16 CHAPTER 9; 17 CHAPTER 10; 18 CHAPTER 11; 19 CHAPTER 12; 20 CHAPTER 13; 21 CHAPTER 14; 22 CHAPTER 15; 23 CHAPTER 16; 24 Index
Sommario/riassunto	The book is an exciting source of information for individuals interested in learning about and marketing sensors. The book focuses on scientific and commercial advances in Fiber Bragg Grating (FBG) sensor technology since its discovery over 30 years ago. Discussions on new FBG sensor manufacturing and processing methods are provided by leading experts in the field. Novel applications of FBG sensor technology in engineering, energy, chemical and biological sectors are also included along with a clear identification of commercial opportunities in the next decade.