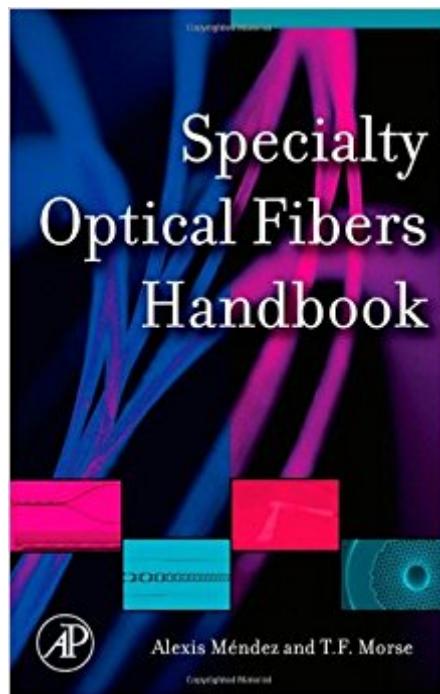


The book was found

Specialty Optical Fibers Handbook



Synopsis

This book is a comprehensive contributed volume that aims to describe and explain the design, fabrication, operating characteristics, and specific applications of the most popular and useful types of specialty optical fibers. These "specialty fibers" include any kind of optical fiber that has been architecturally manipulated to diverge from a conventional structure. For instance, metal-coated fibers can be utilized for bandwidth improvement, and hollow core fibers offer more controllable dispersion for sensitive medical procedures. Applications for these specialty fibers abound in the biomedical, sensors, and industrial fields, as well as in more traditional communications capacities. This book will act as a specialty fiber "guided tour," hosted by the top names in the discipline. The globally renowned editors, Drs. Mendez and Morse, have extensive experience in research, academia, and industry. *Completely covers biomedical and industrial sensor technology with emphasis on real world applications *Comparative studies of pros and cons of all fiber types with relation to test and measurement, mechanical properties and strength, and reliability*Easy to access essential facts and details at the beginning of each chapter

Book Information

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Customer Reviews

The first book of the 21st century to detail cutting edge applications using specialty fibers!

R&D efforts of 50 contributors summarized in concise form with extensive referencing to original articles. Can recommend for students and professionals in the field as a great source of initial

information on the subject of interest, when searching information about specialty fiber for fiber sensor, fiber amplifier or fiber laser, name your application.

The book is not what I expected, but very well and good. lots of information on different types of fiber, not enough information on the handling of these types

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