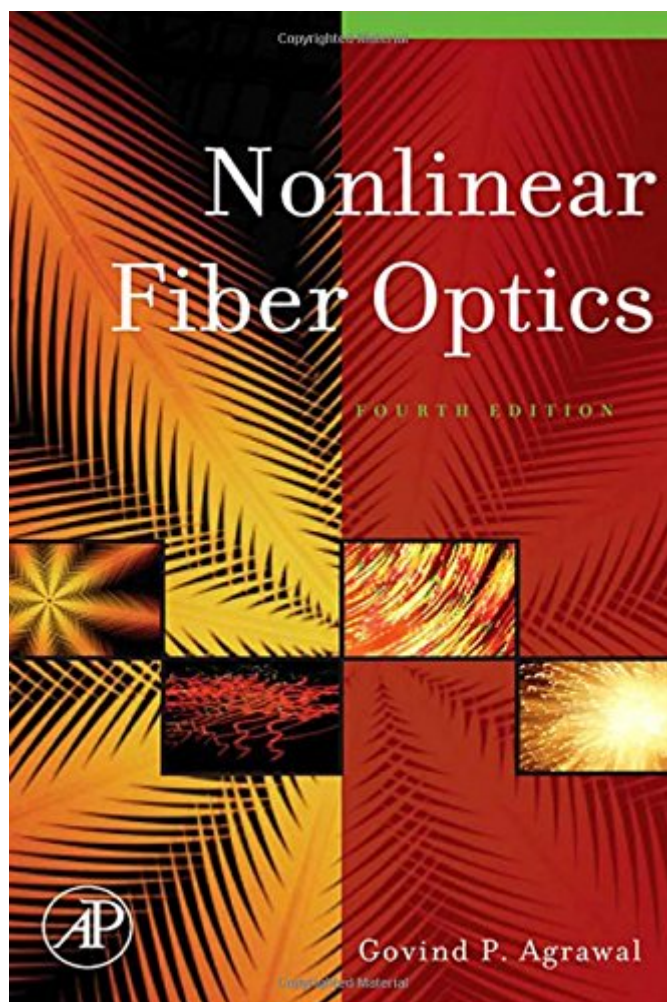


Nonlinear Fiber Optics, Fourth Edition (Optics and Photonics) PDF



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Nonlinear Fiber Optics, Fourth Edition (Optics and Photonics) by Govind Agrawal ISBN 0123695163

Since the 3rd edition appeared, a fast evolution of the field has occurred. The fourth edition of this classic work provides an up-to-date account of the nonlinear phenomena occurring inside optical fibers. The contents include such important topics as self- and cross-phase modulation, stimulated Raman and Brillouin scattering, four-wave mixing, modulation instability, and optical solitons. Many new figures have been added to help illustrate the concepts discussed in the book.

New to this edition are chapters on highly nonlinear fibers and the novel nonlinear effects that have been observed in these fibers since 2000. Such a chapter should be of interest to people in the field of new wavelengths generation, which has potential application in medical diagnosis and

treatments, spectroscopy, new wavelength lasers and light sources, etc.

- * Continues to be industry bestseller providing unique source of comprehensive coverage on the subject of nonlinear fiber optics
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Nonlinear Fiber Optics, Fourth Edition (Optics and Photonics) Review

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