



Optical Solitons Theory and Experiment Cambridge Studies in Modern Optics

By -

Cambridge University Press. Paperback. Condition: New. 476 pages. Dimensions: 8.8in. x 6.0in. x 1.3in. This book describes both theoretical and experimental aspects of optical soliton generation and of soliton properties. The basic theory of soliton generation in fiber is described, numerical studies of nonlinear propagation effects in fibers are considered, as well as soliton-soliton interactions, the effects of high order dispersion and birefringence on soliton propagation as well as limiting effects of femtosecond soliton generation. Technical aspects are concerned with long distance transmission systems and the implementation of high bit rate semiconductor laser based soliton systems in association with erbium doped fiber amplifiers. In addition, simple experimental schemes for soliton sources are described, while theoretical and experimental aspects of dark soliton production are included. This item ships from multiple locations. Your book may arrive from Roseburg,OR, La Vergne,TN. Paperback.



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