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Self-Phase Modulation; 4.1 SPM-Induced Spectral Changes; 4.1.1 Nonlinear Phase Shift; 4.1.2 Changes in Pulse Spectra; 4.1.3 Effect of Pulse Shape and Initial Chirp; 4.1.4 Effect of Partial Coherence; 4.2 Effect of Group-Velocity Dispersion; 4.2.1 Pulse Evolution; 4.2.2 Broadening Factor; 4.2.3 Optical Wave Breaking; 4.2.4 Experimental Results; 4.2.5 Effect of Third-Order Dispersion; 4.2.6 SPM Effects in Fiber Amplifiers; 4.3 Semianalytic Techniques; 4.3.1 Moment Method; 4.3.2 Variational Method; 4.3.3 Specific Analytic Solutions; 4.4 Higher-Order Nonlinear Effects; 4.4.1 Self-Steepening; 4.4.2 Effect of GVD on Optical Shocks; 4.4.3 Intrapulse Raman Scattering; Problems; References; 5 Optical Solitons; 5.1 Modulation Instability; 5.1.1 Linear Stability Analysis; 5.1.2 Gain Spectrum; 5.1.3 Experimental Results; 5.1.4 Ultrashort Pulse Generation; 5.1.5 Impact on Lightwave Systems; 5.2 Fiber Solitons; 5.2.1 Inverse Scattering Method; 5.2.2 Fundamental Soliton; 5.2.3 Second and Higher-Order Solitons; 5.2.4 Experimental Confirmation; 5.2.5 Soliton Stability; 5.3 Other Types of Solitons; 5.3.1 Dark Solitons; 5.3.2 Bistable Solitons; 5.3.3 Dispersion-Managed Solitons; 5.3.4 Optical Similaritons; 5.4 Perturbation of Solitons; 5.4.1 Perturbation Methods; 5.4.2 Fiber Losses; 5.4.3 Soliton Amplification; 5.4.4 Soliton Interaction; 5.5 Higher-Order Effects; 5.5.1 Moment Equations for Pulse Parameters; 5.5.2 Third-Order Dispersion; 5.5.3 Self-Steepening

Sommario/riassunto

Since the 4e appeared, a fast evolution of the field has occurred. The 5e of this classic work provides an up-to-date account of the nonlinear phenomena occurring inside optical fibers, the basis of all our telecommunications infrastructure as well as being used in the medical field. Reflecting the big developments in research, this new edition includes major new content: slow light effects, which offers a reduction in noise and power consumption and more ordered network traffic-stimulated Brillouin scattering; vectorial treatment of highly nonlinear fibers; and a brand new chapter o
