

1.	Record Nr.	UNIBAS000028024
	Titolo	Reclams Schauspielführer / herausgegeben von Otto C. A. Zur Nedden und Karl H. Ruppel
	Pubbl/distr/stampa	Stuttgart : <<Philipp>> Reclam jun., 1978
	ISBN	3-15-007817-2
	Edizione	[14. Aufl. mit 32 Bildtafeln]
	Descrizione fisica	1151 p., [16] c. di tav. : ill. ; 15 cm
	Collana	Universal Bibliothek ; 7817
	Disciplina	832
	Soggetti	Letteratura drammatica tedesca - Sec. 19
	Lingua di pubblicazione	Tedesco
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
2.	Record Nr.	UNISA996495162603316
	Autore	Zadok Avi
	Titolo	Forward Brillouin scattering in standard optical fibers : single-mode, polarization-maintaining, and multi-core / / Avi Zadok [and three others]
	Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2022] ©2022
	ISBN	3-031-13599-7
	Descrizione fisica	1 online resource (213 pages)
	Collana	Springer series in optical sciences ; ; Volume 240
	Disciplina	621.366
	Soggetti	Brillouin scattering Optical fibers
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references.

Intro -- Preface -- Contents -- Chapter 1: Introduction: Interactions Between Guided Optical and Acoustic Waves -- 1.1 Scattering Effects in Optical Fibers -- 1.1.1 Rayleigh Scattering -- 1.1.2 Raman Scattering -- 1.1.3 The Optical Kerr Effect -- 1.1.4 Short-Period Fiber Gratings -- 1.1.5 Long-Period Fiber Gratings -- 1.1.6 Brillouin Scattering -- 1.2 Physical Principles of Opto-Mechanical Interactions -- 1.2.1 Electrostrictive Forces in the Bulk -- 1.2.2 Optically Induced Pressure at Refractive Index Discontinuities -- 1.2.3 Photoelastic Scattering in the Bulk -- 1.2.4 Moving Boundaries -- 1.2.5 Electrostrictive Forces in Standard Single-Mode Fibers -- 1.2.6 Photoelastic Scattering in Standard Single-Mode Fibers -- 1.3 Brillouin Scattering over Different Fiber and Waveguide Platforms -- 1.3.1 Polarization-Maintaining (PM) Fibers -- 1.3.2 Multi-Core Fibers -- 1.3.3 Photonic Crystal, Nanostructured, and Tapered Fibers -- 1.3.4 Micro-Resonators -- 1.3.5 Planar Photonic-Integrated Waveguides -- 1.4 Applications of Brillouin Scattering in Fibers -- 1.4.1 Brillouin Lasers and Microwave Oscillators -- 1.4.2 Microwave-Photonic and All-Optical Signal Processing -- 1.4.3 Distributed Brillouin Fiber Sensors -- 1.5 Conclusion -- References -- Chapter 2: Guided Acoustic Waves in Standard Single-Mode Fibers -- 2.1 Solution to the Elastic Wave Equation in Cylindrical Rods -- 2.2 Boundary Conditions at the Outer Edge of the Cladding -- 2.3 Transverse Guided Acoustic Modes -- 2.3.1 Radial Guided Acoustic Modes -- 2.3.2 Torsional-Radial Guided Acoustic Modes of Twofold Azimuthal Symmetry -- References -- Chapter 3: Electrostrictive Stimulation of Guided Acoustic Modes in Standard Single-Mode Fibers -- 3.1 Optical Tones of Aligned Linear Polarizations -- 3.2 Modulated Optical Carrier -- 3.3 Optical Tones of Linear and Orthogonal Polarizations. 3.4 Optical Tones of Circular Polarizations -- 3.5 Acoustic Dissipation and Media Outside the Cladding -- 3.6 Summary -- References -- Chapter 4: Photoelastic Perturbations to the Dielectric Tensor Due to Guided Acoustic Modes -- 4.1 Radial Acoustic Modes -- 4.2 Torsional-Radial Modes of Twofold Azimuthal Symmetry -- References -- Chapter 5: Spontaneous Forward Brillouin Scattering in Standard Single-Mode Fibers -- 5.1 Photoelastic Scattering of Probe Waves by Radial Acoustic Modes -- 5.2 Photoelastic Scattering of Probe Waves by Torsional Radial Acoustic Modes -- 5.3 Conclusions -- References -- Chapter 6: Stimulated Forward Brillouin Scattering in Standard Single-Mode Fibers -- 6.1 Forward Brillouin Coupling of Power Between Two Co-Propagating Continuous Waves -- 6.2 Cascaded Stimulation of Multiple Sidebands -- References -- Chapter 7: Forward Brillouin Scattering Spectra in Coated Single-Mode Fibers -- 7.1 Guided Acoustic Modes of Standard Single-Mode Fibers with a Thin Coating Layer -- References -- Chapter 8: Forward Brillouin Scattering Spectra in Multi-core Fibers -- 8.1 Forward Brillouin Scattering Cross-Phase Modulation Between an On-Axis Core and an Off-Axis Core -- 8.2 Forward Brillouin Scattering Cross-Phase Modulation Between Two Off-Axis Cores -- 8.3 Summary -- References -- Chapter 9: Forward Brillouin Scattering in Polarization-Maintaining Fibers -- 9.1 Guided Acoustic Modes of Polarization-Maintaining Fibers -- 9.2 Intra-modal Forward Brillouin Scattering in Polarization-Maintaining Fibers -- 9.3 Cross-Polarization Phase Modulation via Intra-modal Forward Brillouin Scattering -- 9.4 Inter-modal Forward Brillouin Scattering in Polarization-Maintaining Fibers -- 9.5 Non-reciprocal Polarization Switching of Probe Waves in Inter-Modal Forward Brillouin Scattering over Polarization-Maintai... -- 9.6 Summary -- References. Chapter 10: Measurement Setups and Protocols -- 10.1 Position-Integrated Measurements -- 10.1.1 Phase-to-Intensity Conversion of

Probe Wave Modulation in a Sagnac Interferometer Loop -- 10.1.2
Phase-to-Intensity Conversion of Probe Wave Modulation Using Fiber
Bragg Gratings -- 10.1.3 Polarization Rotation of Probe Waves --
10.1.4 Forward Stimulated Brillouin Scattering Amplification -- 10.2
Point Measurements -- 10.3 Spatially Distributed Analysis -- 10.3.1
Optical Time-Domain Reflectometry Based on Rayleigh Backscatter --
10.3.2 Mapping of Forward Scattering Based on Backward Brillouin
Amplification -- 10.3.3 Direct Distributed Analysis of Inter-Modal
Forward Brillouin Scattering in a Polarization-Maintaining Fiber -- 10.4
Summary -- References -- Chapter 11: Experimental Results -- 11.1
Forward Brillouin Scattering Spectra in Standard Single-Mode Fibers --
11.2 Forward Brillouin Scattering Spectra in Multi-core Fibers -- 11.3
Forward Brillouin Scattering Spectra in Polarization-Maintaining Fibers
-- 11.4 Forward Brillouin Sensing of Media Outside the Cladding and
Coating of Fibers -- 11.4.1 Position-Integrated Sensing -- 11.4.2 Point
Sensing -- 11.4.3 Spatially Distributed Analysis -- 11.5 Forward
Brillouin Analysis of Coating Layers -- 11.6 Forward Brillouin Scattering
and the Kerr Effect Combined -- 11.7 Forward Brillouin Scattering Fiber
Lasers and Electro-Optic Oscillators -- 11.7.1 Electro-Opto-Mechanical
Oscillators at Microwave Frequencies -- 11.7.2 Forward Brillouin
Scattering Laser in a Polarization-Maintaining Fiber -- 11.8 Summary
-- References -- Chapter 12: Concluding Perspectives -- References.

3. Record Nr.	UNICASUBO3138069
Titolo	Power and culture : hegemony, interaction and dissent / edited by Ausma Cimdina and Jonathan Osmond
Pubbl/distr/stampa	Pisa, : Plus, c2006
ISBN	8884924022 9788884924025
Descrizione fisica	XIII, 177 p. : ill. ; 24 cm.
Collana	Thematic work group , . 2, Power and culture ; 1
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia