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Nota di contenuto	""LIBRARY OF CONGRESS CATALOGING-IN-PUBLICATION DATA""; ""CONTENTS""; ""PREFACE""; ""INTRODUCTION""; ""SHOCK-WAVE MODEL OF ACOUSTIC CAVITATION""; ""2.1. VISUAL OBSERVATIONS OF ACOUSTIC CAVITATION""; ""2.2. JUSTIFICATION FOR THE SHOCK-WAVE APPROACH""; ""2.3. THEORY""; ""2.3.1. Oscillations of a Single Gas Bubble""; ""2.3.2. Cavitation Region""; ""2.4. SET-UP OF EQUATIONS FOR EXPERIMENTAL VERIFICATION""; ""2.4.1. Low Oscillatory Velocities of Acoustic Radiator""; ""2.4.2. High Oscillatory Velocities of Acoustic Radiator""; ""2.4.3. Interpretation of Experimental Results of Work [26]"" ""2.5. EXPERIMENTAL SETUP""""2.6. EXPERIMENTAL RESULTS""; ""2.7. SECTION CONCLUSIONS""; ""SELECTION AND DESIGN OF MAIN COMPONENTS OF HIGH-CAPACITY ULTRASONIC SYSTEMS""; ""3.1. ELECTRO MECHANICAL TRANSDUCERS ELECTION CONSIDERATIONS""; ""3.2. HIGH POWER ACOUSTIC HORN DESIGN PRINCIPLES""; ""3.2.1. Criteria for Matching a Magnetostrictive Transducer to Water at Cavitation""; ""3.2.2. Five-Elements Matching Horns""; ""3.2.2.1. Design Principles""; ""3.2.2.2. Analysis of Five-Element Horns""; ""3.2.3. Experimental Results""; ""3.3. SECTION CONCLUSIONS""; ""ULTRASONIC REACTORCHAMBER GEOMETRY"" ""FINAL REMARKS""""REFERENCES""; ""INDEX""

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Titolo	Fundus autofluorescence // [edited by] Noemi Lois, MD, PhD, FRCS(Ed), FRCOphth, Clinical Professor of Ophthalmology, Centre for Experimental Medicine, Institute for Clinical Sciences, Queen's University Belfast, Honorary Consultant Ophthalmologist, Belfast Health and Social Care Trust, Northern Ireland, United Kingdom ; John V. Forrester, MB, ChB, FRCS(E), MD(Hons), FRCS(G), FRCOphth, FRCP(G) (Hon), FMEDSci, FRSE, FSBiol, FARVO, FRANzCO, Section on Immunology and Infection, Division of Applied Medicine, School of Medicine and Dentistry, The Institute of Medical Sciences, Fosterhill, University of Aberdeen, Scotland, United Kingdom, Ocular Immunology Program, Centre for Ophthalmology and Visual Science, The University of Western Australia, Centre for Experimental Immunology, Lions Eye Institute, Newlands, Western Australia, Australia
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Collana	Gale eBooks
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	section I. Basic science -- section II. Clinical science.
Sommario/riassunto	This book explains everything you need to know about fundus autofluorescence (AF), from the basics of this powerful ocular imaging modality to the latest diagnostic and prognostic applications.