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Titolo	German essays on film // edited by Richard W. McCormick and Alison Guenther-Pal
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Nota di bibliografia	Includes bibliographical references (pages [315]-318).
Nota di contenuto	Introduction: Richard W. McCormick and Alison Guenther-Pal -- -- 1. LATE WILHELMINE GERMANY -- -- Artists, Critics, and Scholars -- ALFRED DOBLIN -- The Theater of the Little People -- -- HERBERT TANNENBAUM -- Art at the Cinema -- -- MALWINE RENNERT -- An Abyss Not to Be Bridged -- -- GEORG LUKACS -- Thoughts on an Aesthetics of Cinema -- -- WALTER SERNER -- Cinema and the Desire to Watch -- -- HANNS HEINZ EWERS -- Film and I -- -- MALWINE RENNERT -- War Films -- -- EMILIE ALTENLOH -- From On the Sociology of the Cinema -- -- All translated by Lance W. Garmer -- -- 2. WEIMAR REPUBLIC, 1918-33 -- -- Writers, Critics, and Artists -- -- HERBERT IHERING -- An Expressionist Film -- Translated by Lance W. Garmer -- -- CLAIRE GOLL -- American Cinema -- Translated by Lance W. Garmer -- -- HUGO VON HOFMANNSTHAL -- The Substitute for Dreams -- Translated by Lance W. Garmer -- -- CARL EINSTEIN -- The Bankruptcy of German Films -- Translated by Lance W. Garmer -- -- FRITZ LANG -- The Artistic Composition of the Film Drama -- Translated by Lance W. Garmer -- -- F.W. MURNAU -- The Ideal Picture Needs No Titles: By Its Very Nature the Art of the Screen Should Tell a Complete Story Pictorially -- Translated by Theatre

magazine -- -- Theorists -- -- BELA BALAZS -- From The Visible Human -- Translated by Lance W. Garmer -- -- SIEGFRIED KRACAUER -- The Little Shopgirls Go to the Movies -- Translated by Thomas Y. Levin -- -- BERTOLT BRECHT -- From The Three Penny Trial: A Sociological Experiment -- Translated by Lance W. Garmer -- -- RUDOLF ARNHEIM -- From Film -- Translated by L.M. Sieveking and Ian F.D. Morrow -- -- 3. NAZI GERMANY 1933-45--AND THOSE WHO FLED.... -- -- Artists and Bureaucrats in the "Third Reich" -- -- JOSEPH GOEBBELS -- Dr. Goebbels's Speech at the Kaiserhof on March 28, 1933 -- -- LENI RIEFENSTAHL -- May the Strength and Beauty of Youth Have Found Cinematic Form -- -- VEIT HARLAN -- History and Film -- -- FRITZ HIPPLER -- The Formative Power of Film -- -- HELMUT KAUTNER -- Gratitude toward the Theater -- -- All translated by Lance W. Garmer -- -- Intellectuals in Exile -- -- MAX HORKHEIMER AND THEODOR W. ADORNO -- The Culture Industry: Enlightenment as Mass Deception -- Translated by John Cumming -- -- SIEGFRIED KRACAUER -- Introduction to From Caligari to Hitler: A Psychological History of German Film -- -- LOTTE H. EISNER -- Introduction to The Haunted Screen: Expressionism in the German Cinema and the Influence of Max Reinhardt -- Translated by Roger Greaves -- -- 4. POSTWAR GERMANY: 1945 TO THE PRESENT -- -- Film Artists -- -- WOLFGANG STAUDTE -- A Letter to the Central Military Commander of the Soviet Occupation Zone -- Translated by Lance W. Garmer -- -- GUNTER GROLL, HELMUT KAUTNER, AND WALTER TALMON-GOS -- Every Audience, as Everybody Knows, Has the Film It Deserves -- Translated by Lance W. Garmer -- -- THE OBERHAUSEN MANIFESTO -- Translated by Eric Rentschler -- -- ALEXANDER KLUGE -- What Do the "Oberhausener" Want? -- Translated by Eric Rentschler -- -- WOLFGANG STAUDTE -- A Reflection: Befouling Our Own Nest? -- Translated by Lance W. Garmer -- -- WIM WENDERS -- That's Entertainment: Hitler -- Translated and abridged by Eric Rentschler -- -- HELKE SANDER -- Feminism and Film -- Translated by Ramona Curry -- -- KONRAD WOLF -- On the Possibilities of Socialist Film Art: Reactions to Mama, I'm Alive -- Translated by Lance W. Garmer -- -- RAINER WERNER FASSBINDER -- From The Third Generation -- Translated by Krishna Winston -- -- THE MANIFESTO OF THE WOMEN FILM WORKERS -- Translated by Eric Rentschler -- -- JUTTA BRUCKNER -- Women's Films Are Searches for Traces -- Translated by Antje Masten -- -- WOLFGANG KOHLHAASE -- DEFA: A Personal View -- Translated by Margaret Vallance -- -- Critics, Scholars, and Theorists -- -- ENNO PATALAS -- On German Postwar Film -- Translated by Lance W. Garmer -- -- THEODOR W. ADORNO -- Transparencies on Film -- Translated by Thomas Y. Levin -- -- GERTRUD KOCH -- Ex-Changing the Gaze: Re-Visioning Feminist Film Theory -- -- HEIDE SCHLUPMANN -- Melodrama and Social Drama in the Early German Cinema -- Translated by Jamie Owen Daniel -- -- KARSTEN WITTE -- The Indivisible Legacy of Nazi Cinema -- -- Bibliography: Primary Sources --

Sommario/riassunto

This fascinating volume is for all serious students of European cinema as well as historians of Germany in the 20th century. "German Essays on Film" is divided into five parts: Late Wilhelmine Germany; Weimar Republic (1918-33); Inside the "Third Reich" (1933-45); Intellectuals in Exile; and Postwar Germany: since 1945. Among the writers, thinkers, filmmakers, and scholars anthologized are: Alfred Döblin, Georg Lukács, Claire Goll, Hugo von Hofmannsthal, Fritz Lang, F. W. Murnau, Joseph Goebbels, Leni Riefenstahl, Walter Benjamin, Max Horkheimer, Theodor W. Adorno, Siegfried Kracauer, R. W. Fassbinder, Wim Wenders, Gertrud Koch, and many others. The introduction by McCormick and Guenther-

Pal along with generous headnotes help to put all these essays into historic perspective

2. Record Nr.	UNINA9910830382103321
Autore	Maev R. G (Roman Grigor'evich)
Titolo	Acoustic microscopy : fundamentals and applications // Roman Gr. Maev
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Nota di contenuto	Acoustic Microscopy; Contents; Foreword; Preface; Introductory Comments; Introduction; 1 Scanning Acoustic Microscopy. Physical Principles and Methods. Current Development; 1.1 Basics of Acoustic Wave Propagation in Condensed Media; 1.2 Physical Principles of Scanning Acoustic Microscopy; 1.3 Acoustic Imaging Principles and Quantitative Methods of Acoustic Microscopy; 1.4 Methodological Limitations of Acoustic Microscopy; 2 Acoustic Field Structure in a Lens System of a Scanning Acoustic Microscope 2.1 Calculation of the Focal Area Structure with Due Regard for Aberrations and Absorption in a Medium 2.2 The Field of a Spherical Focusing Transducer with an Arbitrary Aperture Angle; 2.3 Analysis of Acoustic Field Spatial Structure with a Spherical Acoustic Transducer; 2.4 Experimental Study of the Focal Area Structure of a Transmission Acoustic Microscope; 2.5 Formation of a Focused Beam of Bulk Acoustic Waves by a Planar System of Transducers; 2.6 About the Possibility of

Using Scholte-Stoneley Waves for Surface Waves' Acoustic Microscopy
 3 Output Signal Formation in a Transmission Raster Acoustic Microscope
 3.1 Outline of the Problem; 3.2 Transmission Acoustic Microscope: Formation of the Output Signal as a Function of Local Properties of Flat Objects. General Concepts; 3.3 General Representation of the Output Signal of the Transmission Acoustic Microscope; 3.4 Formation of the $A(z)$ Dependence for Objects with a Small Shear Modulus; 4 Quantitative Acoustic Microscopy Based on Lateral Mechanical Scanning; 4.1 Methods of Quantitative Ultrasonic Microscopy with Mechanical Scanning: Review
 4.2 Ray Models of $V(z)$ and $V(x)$ QSAM Systems
 4.3 Wave Theory of $V(z)$ and $V(x)$ QSAM Systems; 4.4 Angular Resolution of QSAM Systems; 4.5 Application of the $V(x)$ QSAM System to LSAW Measurement; 4.6 Temperature Stability of the $V(x)$ QSAM System; 5 Acoustic Microscopy and Nonlinear Acoustic Effects; 5.1 Nonlinear Acoustic Applications for Characterization of Material Microstructure; 5.1.1 Schematic of Experiment; 5.1.2 Visualization by Nonlinear Acoustic Methods; 5.1.3 Parametric Representation of Acoustic Nonlinearity
 5.2 Peculiarities of Nonlinear Acoustic Effects in the Focal Area of an Acoustic Microscope
 5.3 Temperature Effects in the Focal Area of an Acoustic Microscope; 5.4 Effects of Radiation Pressure on Samples Examined with an Acoustic Microscope; 5.5 The Theory of Modulated Focused Ultrasound Interaction with Microscopic Entities; 5.5.1 Shell Model of a Cell; 5.5.2 Interaction of a Cell with a High-Frequency Field within the Framework of the Shell Model. Equation for the Radiation Force; 5.5.3 Oscillations of a Microparticle under the Action of a Nonlinear Force
 6 Investigation of the Local Properties and Microstructure of Model Systems and Composites by the Acoustic Microscopy Methods

Sommario/riassunto

This only and up-to-date monograph on this versatile method covers its use in a range of applications spanning the fields of physics, materials science, electrical engineering, medicine, and research and industry. Following an introduction, the highly experienced author goes on to investigate acoustic field structure, output signal formation in transmission raster acoustic microscopes and non-linear acoustic effects. Further chapters deal with the visco-elastic properties and microstructure of the model systems and composites used, as well as polymer composite materials and the microstructu
