1.	Record Nr.	UNISA996210084603316
	Autore	Vickers Rhiannon <1969->
	Titolo	The Labour Party and the world . Volume 1 The evolution of labour's foreign policy, 1900-51 / / Rhiannon Vickers
	Pubbl/distr/stampa	Manchester University Press, 2004 Manchester, England ; ; New York, New York : , : Manchester University Press, , 2018 ©2003
	ISBN	1-78170-065-6 1-280-73463-9 9786610734634 1-84779-131-X
	Descrizione fisica	1 online resource (232 pages) : digital file(s)
	Disciplina	327.41
	Soggetti	HISTORY / General
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Description based upon print version of record.
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	List of tables --Acknowledgements --List of abbreviations --Introduction --1. Context: the emergence of the British Labour Party --2. The main political influences on the development of the Labour Party's attitudes towards international affairs --3. Labour and the First World War --4. The Labour minority governments --5. The Labour Party, pacifism and the Spanish Civil War --6. Hitler, Munich and the Second World War --7. The Attlee governments --8. Conclusion --Bibliography --Index.
	Sommario/riassunto	This is the first book in a two-volume set that traces the evolution of the Labour Party's foreign policy throughout the 20th century and into the early years of the new millennium.

2. Record Nr. UNINA9911019187403321

Autore	Kreis Thomas <1952->
Titolo	Handbook of holographic interferometry : optical and digital methods / / Thomas Kreis
Pubbl/distr/stampa	Weinheim, : Wiley-VCH, c2005
ISBN	9786610520084 9781280520082 1280520086 9783527604159 3527604154 9783527604920 3527604928
Descrizione fisica	1 online resource (556 p.)
Disciplina	621.3675
Soggetti	Holographic interferometry Civil engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. [463]-511) and indexes.
Nota di contenuto	Handbook of Holographic Interferometry Optical and Digital Methods; Contents; Preface; 1 Introduction; 1.1 Scope of the Book; 1.2 Historical Developments; 1.3 Holographic Interferometry as a Measurement Tool; 2 Optical Foundations of Holography; 2.1 Light Waves; 2.1.1 Solutions of the Wave Equation; 2.1.2 Intensity; 2.2 Interference of Light; 2.2.1 Interference of Two Waves with Equal Frequency; 2.2.2 Interference of Two Waves with Different Frequencies; 2.2.3 Interference of Two Waves with Different Amplitudes; 2.3 Coherence; 2.3.1 Temporal Coherence; 2.3.2 Spatial Coherence 2.4 Scalar Diffraction Theory2.4.1 Fresnel-Kirchhoff Diffraction Formula; 2.4.2 Fresnel Approximation; 2.4.3 Fraunhofer Approximation; 2.4.4 Thin Lens; 2.4.5 Propagation of Light Waves as a Linear System; 2.5 Speckles; 2.5.1 Statistics of Speckle Intensity and Phase; 2.5.2 Speckle Size; 2.6 Holographic Recording and Optical Reconstruction; 2.6.1 Hologram Recording; 2.6.2 Optical Reconstruction of a Wave Field; 2.6.3 Holographic Imaging Equations;

2.6.4 Types of Holograms; 2.7 Elements of the Holographic Setup; 2.7.1 Laser; 2.7.2 Recording Media; 2.7.3 Optical Components
2.7.4 Beam Modulating Components2.8 CCD- and CMOS-Arrays; 2.8.1 CCD Concept; 2.8.2 CCD Array Performance Parameters; 2.8.3 CMOS Image Sensors; 2.8.4 Spatial Sampling with CCD-Arrays; 2.8.5 Color Still Cameras; 3 Digital Recording and Numerical Reconstruction of Wave Fields; 3.1 Digital Recording of Holograms; 3.1.1 CCD Recording and Sampling; 3.1.2 Reduction of the Imaging Angle; 3.1.3 Reference Waves; 3.2 Numerical Reconstruction by the Fresnel Transform; 3.2.1 Wave Field Reconstruction by the Finite Discrete Fresnel Transform; 3.2.2 Real and Virtual Image
3.2.3 Digital Fourier Transform Holography3.2.4 The D.C.-Term of the Fresnel Transform; 3.2.5 Suppression of the D.C.-Term; 3.2.6 Suppression of the Twin Image; 3.2.7 Variation of the Reference Wave; 3.2.8 Anamorphic Correction; 3.3 Numerical Reconstruction by the Convolution Approach; 3.3.1 The Diffraction Integral as a Convolution; 3.3.2 Size of the Image Field; 3.3.3 Shifting of the Image Field; 3.3.4 Scaling of the Image Field; 3.4 Further Numerical Reconstruction Methods; 3.4.1 Phase-Shifting Digital Holography; 3.4.2 Local Amplitude and Phase Retrieval
3.4.3 Wavelet Approach to Numerical Reconstruction3.4.4 Comparison of Reconstruction Methods; 3.4.5 Hologram Recording Using Consumer Cameras; 3.5 Wave-Optics Analysis of Digital Holography; 3.5.1 Frequency Analysis of Digital Holography with Reconstruction by Fresnel Transform; 3.5.2 Frequency Analysis of Digital Holography with Reconstruction by Convolution; 3.5.3 The Transfer Function as a Filter; 3.6 Non-Interferometric Applications of Digital Holography; 3.6.1 Particle Analysis by Digital Holography; 3.6.2 Microscopy by Digital Holography; 3.6.3 Data Encryption with Digital Holography
4 Holographic Interferometry

Sommario/riassunto

The book presents the principles and methods of holographic interferometry - a coherent-optical measurement technique for deformation and stress analysis, for the determination of refractive-index distributions, or applied to non-destructive testing. Emphasis of the book is on the quantitative computer-aided evaluation of the holographic interferograms. Based upon wave-optics the evaluation methods, their implementation in computer-algorithms, and their applications in engineering are described.