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Autore	Tishko Tatyana
Titolo	Holographic microscopy of phase microscopic objects [[electronic resource]] : theory and practice / / Tatyana Tishko, Tishko Dmitry, Titar Vladimir
Pubbl/distr/stampa	Singapore, : World Scientific, 2011
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Descrizione fisica	1 online resource (109 p.)
Altri autori (Persone)	DmitryTishko VladimirTitar
Disciplina	502.82 502.825
Soggetti	Electron microscopes Microscopy Microscopy - Technique Electronic books.
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	Preface; Contents; Introduction; Chapter 1 Classical Microscopy and Methods of Phase Microscopic Objects Visualization; 1.1 The theory of object imaging by microscope; 1.2 Phase microscopic objects; 1.3 Interference phenomenon; 1.4 F. Zernike's phase-contrast method; 1.5 The interference-contrast method; 1.5.1 Interferometry in an infinitely wide fringe; 1.5.2 The method of interferometry in fringes of finite width; 1.6 The polarization-contrast method; Chapter 2 Holography and Holographic Microscopy; 2.1 Holography as the method of wave recording and reconstruction 2.2 History of holographic microscopyChapter 3 Holographic Methods of Phase Microscopic Object Imaging and the Digital Holographic Interference Microscope; 3.1 Holographic phase-contrast method; 3.2 Holographic interferometry in fringes of finite width; 3.3 Comparison of the holographic methods; 3.4 Sensitivity of the holographic methods; 3.5 The holographic polarization-contrast method; 3.6 The digital

holographic interference microscope; 3.7 Digital holographic microscopy; Chapter 4 Application of the Digital Holographic Interference Microscope for Blood Cells Study
 4.1 DHIM study of 3D morphology of blood erythrocytes
 4.2 Ozone therapy influence on 3D morphology of blood erythrocytes; 4.3 Blood erythrocytes in hematological diseases; 4.4 Blood erythrocytes of pregnant women and newborns; 4.5 Gamma-radiation influence on blood erythrocytes; 4.6 Conclusions; Chapter 5 DHIM Study of Thin Transparent Films; Conclusions; References; Bibliography; Index

Sommario/riassunto

The book presents a clear and comprehensive review of the current status of the holographic microscopy with discussion of the positive and negative features of classical and holographic methods for solving the problem of three-dimensional (3D) imaging of phase microscopic objects. Classical and holographic methods of phase, interference and polarization contrast are discussed. Combination of the developed holographic methods with the methods of digital image processing allowed creating the digital holographic interference microscope (DHIM). The first 3D images of native phase microscopic object

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Titolo

Archival resources / compiled by Steven W. Siegel

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New York [etc.] : Saur, 1978

Descrizione fisica

XXVIII, 279 p. ; 24 cm

Collana

Jewish immigrants of the Nazi period in the USA ; 1

Altri autori (Persone)

Siegel, Steven W.
 Strauss, Herbert A.

Disciplina

909.0492

Soggetti

Ebrei - Immigrazione - Stati Uniti d'America

Lingua di pubblicazione

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Monografia

3. Record Nr.	UNINA9910795249503321
Autore	O'Connor Lauren R.
Titolo	Robin and the making of American adolescence / / Lauren R. O'Connor
Pubbl/distr/stampa	New Brunswick : , : Rutgers University Press, , [2021] ©2021
ISBN	1-9788-1983-8
Descrizione fisica	1 online resource (223 pages)
Collana	Comics Culture
Disciplina	741.5/973
Soggetti	Superheroes Sidekicks in literature Adolescence in literature
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Frontmatter -- CONTENTS -- INTRODUCTION -- CHAPTER 1. THE SECRET ORIGINS OF ADOLESCENCE -- CHAPTER 2. ROBIN, NIGHTWING, BATMAN -- CHAPTER 3. GIRLS WONDER -- CHAPTER 4. MIXED SIGNALS -- CHAPTER 5. THE SIDEKICK ON SCREEN -- CONCLUSION -- ACKNOWLEDGMENTS -- NOTES -- BIBLIOGRAPHY -- INDEX -- ABOUT THE AUTHOR
Sommario/riassunto	Holy adolescence, Batman! Robin and the Making of American Adolescence offers the first character history and analysis of the most famous superhero sidekick, Robin. Debuting just a few months after Batman himself, Robin has been an integral part of the Dark Knight's history—and debuting just a few months prior to the word “teenager” first appearing in print, Robin has from the outset both reflected and reinforced particular images of American adolescence. Closely reading several characters who have “played” Robin over the past eighty years, Robin and the Making of American Adolescence reveals the Boy (and sometimes Girl!) Wonder as a complex figure through whom mainstream culture has addressed anxieties about adolescents in relation to sexuality, gender, and race. This book partners up comics studies and adolescent studies as a new Dynamic Duo, following Robin as he swings alongside the ever-changing American teenager and finally shining the Bat-signal on the latter half of “Batman and—.”

