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Autore	Vanbesien Olivier
Titolo	Dispersion engineering for integrated nanophotonics // Olivier Vanbesien, Emmanuel Centeno
Pubbl/distr/stampa	London, England ; ; Hoboken, New Jersey : , : ISTE : , : Wiley, , 2014 ©2014
ISBN	1-118-64939-7 1-118-64940-0
Descrizione fisica	1 online resource (118 p.)
Collana	FOCUS Waves Series, , 2051-249X FOCUS Series
Disciplina	621.36
Soggetti	Nanophotonics - Data processing Nanophotonics
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	Cover; Title Page; Contents; Introduction; Chapter 1. Two-dimensional Dielectric Photonic Crystals; 1.1. Context; 1.2. Concepts: photonic band structures and equi-frequency curves; 1.2.1. Basic concepts on electromagnetic waves in 2D PhCs; 1.2.2. Dispersion surfaces, equi-frequency curves and group velocity; 1.3. Fundamental dispersion effects; 1.3.1. The construction line method; 1.3.2. A beam propagation model; 1.3.3. The self-collimation effect; 1.3.4. Mesoscopic self-collimation of light; 1.3.5. The superprism effect 2.3.3. Positive index based GRIN lens (the pillar case)2.3.4. Experimental evaluation of GRIN lenses; 2.4. Conclusion; Chapter 3. Towards Transform Optics Based Devices; 3.1. Context; 3.2. From transform optics to Hamiltonian optics; 3.2.1. Transform optics; 3.2.2. Conformal mapping; 3.2.3. Hamiltonian optics; 3.3. 1D graded photonic crystals; 3.3.1. 2D graded photonic crystals; 3.4. Cloaking devices; 3.4.1. A brief overview of optical cloaking; 3.4.2. A III-V based photonic crystal carpet: design and fabrication; 3.4.3. A III-V based photonic crystal carpet: evaluation and discussion 3.5. ConclusionConclusion; Bibliography; Index
Sommario/riassunto	This book shows how dispersion engineering in two dimensional

dielectric photonic crystals can provide new effects for the precise control of light propagation for integrated nanophotonics. Dispersion engineering in regular and graded photonic crystals to promote anomalous refraction effects is studied from the concepts to experimental demonstration via nanofabrication considerations. Self collimation, ultra and negative refraction, second harmonic generation, mirage and invisibility effects which lead to an unprecedented control of light propagation at the (sub-)wavelength scale for t

2. Record Nr.	UNINA9910964210103321
Autore	Perlman Bennard B
Titolo	American artists, authors, and collectors : the Walter Pach letters, 1906-1958 // Bennard B. Perlman
Pubbl/distr/stampa	Albany, : State University of New York Press, c2002
ISBN	9780791489086 0791489086
Edizione	[1st ed.]
Descrizione fisica	1 online resource (xv, 407 pages) : illustrations
Altri autori (Persone)	PachWalter <1883-1958.>
Disciplina	759.13
Soggetti	Painters - United States Art, American - 20th century
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. 397-404) and index.
Nota di contenuto	""AMERICAN ARTISTS, AUTHORS, AND COLLECTORS: The Walter Pach Letters 1906 a€? 1958""; ""CONTENTS""; ""ILLUSTRATIONS""; ""PREFACE""; ""ACKNOWLEDGMENTS""; ""INTRODUCTION""; ""WALTER C . ARENSBERG""; ""THE ARMORY SHOW: FREDERIC C . TORREY""; ""BERNARD BERENSON""; ""VAN WYCK BROOKS""; ""BRYSON BURROUGHS""; ""ARTHUR B. DAVIES""; ""KATHERINE DREIER""; ""MARCEL DUCHAMP""; ""SUSAN MACDOWELL EAKINS""; ""ARTHUR BURDETT FROST JR.""; ""CHILDE HASSAM""; ""ROBERT HENRI""; ""FISKE KIMBALL""; ""ALICE KLAUBER""; ""LEWIS MUMFORD""; ""DUNCAN PHILLIPS""; ""MAURICE PRENDERGAST""; ""JOHN QUINN"" ""ABBY ALDRICH ROCKEFELLER"" ""ALBERT PINKHAM RYDER""; ""PAUL J. SACHS""; ""MORTON L. SCHAMBERG""; ""CHARLES SHEELER""; ""JOHN

SLOAN""; ""MICHAEL STEIN""; ""ALFRED STIEGLITZ""; ""J. ALDEN WEIR"";
""BIBLIOGRAPHY""; ""INDEX"

Sommario/riassunto

Offers a behind-the-scenes look at a significant era in the development
and emergence of modern American art.