

1. Record Nr.	UNINA9910782825603321
Autore	Williamson H. G. M (Hugh Godfrey Maturin), <1947->
Titolo	Holy, holy, holy [[electronic resource] ] : the story of a liturgical formula // H.G.M. Williamson
Pubbl/distr/stampa	Berlin, : W. de Gruyter, 2008
ISBN	1-282-07338-9 9786612073380 3-11-021287-0
Descrizione fisica	1 online resource (41 p.)
Collana	Julius-Wellhausen-Vorlesung
Classificazione	BC 6065
Disciplina	264
Soggetti	Trinity Theology, Doctrinal
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Frontmatter -- Inhalt -- Einführung -- Holy, Holy, Holy: The Story of a Liturgical Formula
Sommario/riassunto	In one form or another, the Trisagion, "Holy, holy, holy is the Lord of hosts; the whole earth is full of his glory", entered Jewish and Christian liturgy at an early stage from Isaiah's account of his vision as recorded in Isaiah 6. Before that happened, however, it is likely that it went through a significant change of meaning from what the Old Testament prophet himself meant by it. Drawing on material that was familiar to him from the worship of the Jerusalem temple, he used it distinctly but characteristically to challenge his audience's view that God would automatically protect them from their enemies. In other words, the saying had a threatening rather than an encouraging tone. In the course of the following centuries, however, as the book of Isaiah grew, new reflections on the saying were added in the later chapters, with the result that when the book came to be translated into Greek the translator was justified in rendering the saying in the way that has become familiar to us. The unusual retention of the Hebrew word "Sabaoth", however, reminds us even today of the long path by which it has reached us from antiquity.

2. Record Nr.	UNISA996582070103316
Autore	Knight Frederick C
Titolo	Working the diaspora [[electronic resource] ] : the impact of African labor on the Anglo-American world, 1650-1850 // Frederick C. Knight
Pubbl/distr/stampa	New York, : New York University Press, 2010
ISBN	0-8147-4834-1 0-8147-4912-7 1-4416-3663-3
Edizione	[1st ed.]
Descrizione fisica	1 online resource (242 p.)
Collana	Culture, Labor, History ; ; 8
Disciplina	331.11/7340970903
Soggetti	Slave labor - America - History Agricultural laborers - America - History Africans - America - History Black people - America - History Agriculture - America - History African diaspora
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	Frontmatter -- Contents -- Acknowledgments -- Introduction -- 1 Material Life in West and West Central Africa, 16501800 -- 2 Seeds of Change -- 3 Cultivating Knowledge -- 4 In an Ocean of Blue -- 5 Slave Artisans -- 6 Natural Worship -- Notes -- Bibliography -- Index -- About the Author
Sommario/riassunto	From the sixteenth to early-nineteenth century, four times more Africans than Europeans crossed the Atlantic Ocean to the Americas. While this forced migration stripped slaves of their liberty, it failed to destroy many of their cultural practices, which came with Africans to the New World. In Working the Diaspora, Frederick Knight examines work cultures on both sides of the Atlantic, from West and West Central Africa to British North America and the Caribbean. Knight demonstrates that the knowledge that Africans carried across the Atlantic shaped Anglo-American agricultural development and made particularly important contributions to cotton, indigo, tobacco, and staple food cultivation. The book also compellingly argues that the work

experience of slaves shaped their views of the natural world. Broad in scope, clearly written, and at the center of current scholarly debates, Working the Diaspora challenges readers to alter their conceptual frameworks about Africans by looking at them as workers who, through the course of the Atlantic slave trade and plantation labor, shaped the development of the Americas in significant ways.

3. Record Nr.	UNINA9911007485503321
Autore	Amano Tomohito
Titolo	First-Principles and Machine Learning Study of Anharmonic Vibration and Dielectric Properties of Materials / / by Tomohito Amano
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2025
ISBN	981-9640-24-5
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (XVIII, 219 p. 52 illus., 45 illus. in color.)
Collana	Springer Theses, Recognizing Outstanding Ph.D. Research, , 2190-5061
Disciplina	530.10285
Soggetti	Mathematical physics Computer simulation Machine learning Semiconductors Condensed matter Materials science - Data processing Electronic structure Quantum chemistry - Computer programs Computational Physics and Simulations Machine Learning Condensed Matter Physics Condensed Matter Electronic Structure Calculations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1 Introduction -- Chapter 2 Density Functional Theory --

Chapter 3 Anharmonic Phonon Theory -- Chapter 4 Modern Theory and Machine Learning of Polarization -- Chapter 5 Dielectric Properties of Strongly Anharmonic TiO<sub>2</sub> -- Chapter 6 Dielectric Properties of Liquid Alcohols and Its Polymers -- Chapter 7 Conclusion.

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## Sommario/riassunto

The book presents the author's development of two first-principles methods to calculate dielectric properties of materials based on anharmonic phonon and machine learning, and demonstrates an in-depth analysis of anharmonic crystals and molecular liquids. The anharmonic phonon method, combined with Born effective charges, is useful to study dielectric properties of crystals. The recently developed self-consistent phonon theory (SCPH) enables accurate simulations in strongly anharmonic materials. The author reveals that the combination of SCPH with the four-phonon scattering term accurately reproduces experimental spectra, and discusses how anharmonic phonon self-energies affect the dielectric properties. The second method is molecular dynamics with Wannier centers—the mass centers of Wannier functions. The author constructs a machine learning model that learns Wannier centers for each chemical bond from atomic coordinates to accurately predict the dipole moments. The developed method is, in principle, applicable to molecules of arbitrary size. Its effectiveness is demonstrated and the dielectric properties of several alcohols, including dipole moments, dielectric constants, and absorption spectra, are analyzed. This book benefits students and researchers interested in anharmonic phonons, machine learning, and dielectric properties.

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