1. Record Nr. UNINA9910387948203321

Titolo	Across art and fashion
Pubbl/distr/stampa	Mandragora
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910450208303321

Autore	Witkin Robert W (Robert Winston)
Titolo	Adorno on popular culture / / Robert W. Witkin
Pubbl/distr/stampa	London ; ; New York : , : Routledge, , 2003
ISBN	1-134-49403-3 0-203-28098-9 1-280-06917-1 0-203-16606-X
Descrizione fisica	1 online resource (209 p.)
Collana	International library of sociology
Disciplina	306/.092
Soggetti	Popular culture 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 (p. 188-190) and index.
Nota di contenuto	Book Cover; Title; Contents; Preface; Cultural nemesis; The theory of pseudo-culture; The Dialectic of Enlightenment and The Ring of the Nibelungen; The decay of 'aura' and the schema of mass culture; Star power; Situating music socially; On popular music; Adorno's radio days; Film and television; Woody Allen's culture industry; Walking a critical line home; References; Index
Sommario/riassunto	Robert W. Witkin unpacks Adorno's notoriously difficult critique of popular culture in an engaging and accessible style, looking first at the development of the overarching theories of authority, commodification

	and negative dialectics. He then goes on to consider Adorno's writing on specific aspects of popular culture such as radio, film and popular music.

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 TiO2 -- Chapter 6 Dielectric Properties of Liquid

Alcohols and Its Polymers -- Chapter 7 Conclusion.

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.