

1. Record Nr.	UNISA990001284740203316
Autore	CANARIS, Claus-Wilhelm
Titolo	La riforma del diritto tedesco delle obbligazioni : contenuti fondamentali e profili sitematici del Gesetz zur Modernisierung des Schuldrechts / Claus-Wilhelm Canaris ; testo italiano delle norme del BGB interessate dalla riforma e nota bibliografica a cura di Giovanni De Cristofaro
Pubbl/distr/stampa	Padova : CEDAM, 2003
ISBN	88-13-24738-9
Descrizione fisica	XXI, 262 p. ; 24 cm
Collana	I quaderni della Rivista di diritto civile ; 3
Disciplina	346.43
Soggetti	Obbligazioni - Diritto - Germania
Collocazione	XXV.1.M 367 (IG XXI 665)
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA9910146232403321
Autore	Andrews David L
Titolo	Optical harmonics in molecular systems
Pubbl/distr/stampa	[Place of publication not identified], : Wiley VCH, 2002
ISBN	1-280-56095-9 9786610560950 3-527-60274-7
Descrizione fisica	1 online resource (244 pages)
Disciplina	530.1433
Soggetti	Harmonics (Electric waves) Quantum electrodynamics Nonlinear optics Molecular structure Light & Optics Electricity & Magnetism Physics Physical Sciences & Mathematics Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Sommario/riassunto	In recent years the generation of optical harmonics in molecular systems has become an area of increasing interest for a number of reasons. First, many organic crystals and polymeric solids prove not only to have usefully large optical nonlinearities but also to be surprisingly robust and thermally stable. Consequently the fabrication of organic materials for laser frequency conversion has become very much a growth area. At interfaces and in partially ordered systems, harmonic generation is now of considerable scientific interest through the detailed structural information it affords. And in molecular gases and liquids, processes of optical harmonic conversion present a powerful tool for the study of both static and dynamic effects of molecular orientation.; Where the detailed nonlinear optical response of

molecules is required, the application of molecular quantum electrodynamics (QED) brings both rigour and conceptual facility. Using this approach the authors address topics of direct experimental concern in a general formulation of theory for optical harmonics, with a particular focus on quantum optical and molecular aspects. A detailed basis is provided for the applications, enabling the characteristic features of optical nonlinearity to be examined in general terms. A great many of the optical phenomena subsequently addressed find wide application in nonlinear optics and chemical physics. Specifically, the book deals with coherent harmonic generation, both within and at interfaces between different media. It addresses elastic second harmonic (Hyper-Rayleigh) light scattering as well as the inelastic case normally referred to as Hyper-Raman scattering. Full and detailed tables and results are provided for the analysis of experimental observations.
