

1. Record Nr.	UNISA996279558003316
Titolo	ANSI/IEEE Std C57.21-1981 : IEEE Standard Requirements, Terminology, and Test Code for Shunt Reactors Over 500 kVa / / Institute of Electrical and Electronics Engineers
Pubbl/distr/stampa	New York, New York : , : IEEE, , 1981
ISBN	0-7381-4300-6
Descrizione fisica	1 online resource
Disciplina	621.3815
Soggetti	Electronic apparatus and appliances - Standards Electronic circuits - Standards
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This standard applies to all oil-immersed or dry-type, single-phase or three-phase outdoor or indoor shunt reactors rated 501 kVA and larger. It covers general requirements, terminology, ratings, insulation classes, dielectric tests, losses, impedance, temperature rise, construction, accessories and the test code.

2. Record Nr.	UNINA9911018884803321
Autore	Jorio A (Ado)
Titolo	Raman spectroscopy in graphene related systems // Ado Jorio ...[et. al.]
Pubbl/distr/stampa	Weinheim, : Wiley-VCH, 2011
ISBN	9786612944536 9783527643905 3527643907 9781282944534 1282944533 9783527632695 3527632697 9783527632701 3527632700
Edizione	[4th ed.]
Descrizione fisica	1 online resource (370 p.)
Disciplina	620.5
Soggetti	Raman spectroscopy Spectrum analysis
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	Raman Spectroscopy in Graphene Related Systems; Contents; Preface; Part One Materials Science and Raman Spectroscopy Background; 1 The sp ² Nanocarbons: Prototypes for Nanoscience and Nanotechnology; 2 Electrons in sp ² Nanocarbons; 3 Vibrations in sp ² Nanocarbons; 4 Raman Spectroscopy: from Graphite to sp ² Nanocarbons; 5 Quantum Description of Raman Scattering; 6 Symmetry Aspects and Selection Rules: Group Theory; Part Two Detailed Analysis of Raman Spectroscopy in Graphene Related Systems; 7 The G-band and Time-Independent Perturbations; 8 The G-band and the Time-Dependent Perturbations 9 Resonance Raman Scattering: Experimental Observations of the Radial Breathing Mode 10 Theory of Excitons in Carbon Nanotubes; 11 Tight-Binding Method for Calculating Raman Spectra; 12 Dispersive G-band and Higher-Order Processes: the Double Resonance Process; 13

	Disorder Effects in the Raman Spectra of sp ² Carbons; 14 Summary of Raman Spectroscopy on sp ² Nanocarbons; References; Index
Sommario/riassunto	Raman spectroscopy is the inelastic scattering of light by matter. Being highly sensitive to the physical and chemical properties of materials, as well as to environmental effects that change these properties, Raman spectroscopy is now evolving into one of the most important tools for nanoscience and nanotechnology. In contrast to usual microscopy-related techniques, the advantages of using light for nanoscience relate to both experimental and fundamental aspects.

3. Record Nr.	UNINA9910970937803321
Titolo	Environmental information for naval warfare // Committee on Environmental Information for Naval Use, Ocean Studies Board, Division on Earth and Life Studies, National Research Council of the National Academies
Pubbl/distr/stampa	Washington, D.C., : National Academies Press, 2003
ISBN	9786610742028 9780309168434 0309168430 9781280742026 128074202X 9780309507400 0309507405
Edizione	[1st ed.]
Descrizione fisica	1 online resource (217 p.)
Soggetti	Naval art and science - Environmental aspects Military oceanography Military meteorology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Front Matter -- Preface -- Acknowledgments -- Contents -- Executive Summary -- 1 Introduction and Overview -- 2 The Value of

Environmental Information -- 3 Nature of the Problem: Sources and Limitations of METOC Knowledge -- 4 Improving Environmental Information by Reducing Uncertainty -- 5 Information Flow: Leveraging Network-Centric Concepts -- 6 Moving Ahead -- Cited References -- Appendix A Committee and Staff Biographies -- Appendix B The Role of Environmental Information in Naval Warfare -- Appendix C Environmental Science and Technology Programs -- Appendix D Acronyms -- Appendix E Information Gathering Activities of the Committee on Environmental Information for Naval Use.

Sommario/riassunto

Accurate and timely environmental information can provide a tactical advantage to U.S. naval forces during warfare. This report analyzes the current environmental information system used by the U.S. Navy and Marine Corps and recommends ways to address uncertainty and leverage network-centric operating principles to enhance the value of environmental information.
