

1. Record Nr.	UNINA9911089940303321
Autore	Wadhwa C. L
Titolo	High voltage engineering // C.L. Wadhwa
Pubbl/distr/stampa	New Delhi, : New Age International (P) Ltd., Publishers, 2007
ISBN	1-281-22437-5 9786611224370 81-224-2323-X
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (312 p.)
Disciplina	621.319 621.31913
Soggetti	High voltages
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; Preface; Contents; Chapter 0. Electric Stress Estimation and Control; Chapter 1. Breakdown Mechanism of Gaseous, Liquid and Solid Materials; Chapter 2. Generation of High D.C. and A.C. Voltages; Chapter 3. Generation of Impulse Voltages and Currents; Chapter 4. Measurement of High Voltages and Currents; Chapter 5. High Voltage Testing of Electrical Equipment; Chapter 6. Nondestructive Insulation Test Techniques; Chapter 7. Transients in Power Systems and Insulation Coordination; Multiple Questions; Index
Sommario/riassunto	High Voltage Engineering has been written for the undergraduate students in Electrical Engineering of Indian and foreign universities as well as the practising engineers. It deals in mechanism of breakdown of insulating materials, generation and measurement of high A.C., D.C., impulse voltages and currents. High voltage testing of some of the electrical equipments e.g. insulators, cables, transformers as per standard specifications has been explained. Various methods of non destructive testing which yield information regarding life expectancy and the long term stability or otherwise of the ins