

1. Record Nr.	UNINA9911007090103321
Autore	Van Ness H. C (Hendrick C.)
Titolo	Understanding thermodynamics // H.C. van Ness
Pubbl/distr/stampa	New York : , : Dover Publications, Inc., , 1983
ISBN	9780486132280 0486132285 9781621986256 162198625X
Edizione	[1st ed.]
Descrizione fisica	1 online resource (156 pages)
Collana	Dover books on mathematics
Disciplina	536.7 536/.7
Soggetti	Thermodynamics Physics Physical Sciences & Mathematics Termodinàmica
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record. Unabridged and corrected republication of the work originally published by McGraw-Hill Book Company, N.Y., in 1969
Nota di contenuto	DOVER BOOKS ON MATHEMATICS; Title Page; Copyright Page; Preface; Table of Contents; 1 - Energy Conservation-The First Law of Thermodynamics; 2 - The Concept of Reversibility; 3 - Heat Engines; 4 - Power Plants; 5 - The Second Law of Thermodynamics; 6 - More on the Second Law; 7 - Thermodynamics and Statistical Mechanics; DOVER BOOKS - IN SCIENCE AND MATHEMATICS
Sommario/riassunto	Grappling with the first and second laws of thermodynamics can test the intellectual mettle of even the most dedicated student of the physical sciences. Approaching the subject for the first time may raise more queries and doubts than are usually handled in the basic, straightforward textbook. Based on a series of lectures delivered to 500 sophomore engineering students at Rensselaer Polytechnic Institute, Dr. Van Neer's clear, lucid treatment is readily comprehensible by undergraduate-level science and engineering students. His language is

informal, his examples are vivid and lively, his per
