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Titolo	Molecular physical chemistry [[electronic resource]] : a concise introduction // K.A. McLauchlan
Pubbl/distr/stampa	Cambridge, U.K., : Royal Society of Chemistry, c2004
ISBN	1-84755-150-5
Descrizione fisica	1 online resource (136 p.)
Classificazione	35.04
Disciplina	541
Soggetti	Chemistry, Physical and theoretical
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	Some basic ideas and examples. -- Partition functions. -- Thermodynamics. -- Applications. -- Reactions. -- Answers to problems. -- Some useful constants and relations.
Sommario/riassunto	Molecular Physical Chemistry: A Concise Introduction focuses on two main aspects of physical chemistry: thermodynamics and reaction dynamics. By looking at the properties of the atoms and molecules that constitute matter, it makes use of results from modern experiments conducted on small numbers of molecules. These molecular properties allow the behaviour of larger groups of molecules to be predicted. This is in contrast to conventional approaches which are based upon how the subjects have developed historically. It attempts to show how some basic concepts can be easily applied to give verifia