

1. Record Nr.	UNINA9910778309703321
Autore	Williams Andrew <1937->
Titolo	Free energy relationships in organic and bio-organic chemistry [[electronic resource] /] / Andrew Williams
Pubbl/distr/stampa	Cambridge, U.K., : RSC, c2003
ISBN	1-78801-830-3 1-84755-092-4
Descrizione fisica	1 online resource (313 p.)
Disciplina	547.139
Soggetti	Linear free energy relationship
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	01PRELIM; 02PREFA; 03CONT; 04CHAP01; 05CHAP02; 06CHAP03; 07CHAP04; 08CHAP05; 09CHAP06; 10CHAP07; 11APPEN1; 12APPEN2; 13APPEN3; 14APPEN4; 15INDEX
Sommario/riassunto	Introducing the application of free energy correlations to elucidating the mechanisms of organic and bio-organic reactions, this book provides a new and illuminating way of approaching a potentially complex topic. The idea of how free energy correlations derive from polar substituent change is introduced, and common pitfalls encountered in the application of free energy relationships are described, along with the use of these anomalies in mechanistic studies. The concept of effective charge is described in detail, with examples of its application. Throughout, worked answers are provided for th

2. Record Nr.	UNINA9910337596003321
Autore	Petit Vincent
Titolo	The New World of Utilities : A Historical Transition Towards a New Energy System // by Vincent Petit
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-00187-3
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (211 pages)
Disciplina	333.7932
Soggetti	Energy policy Management Industrial management Energy systems Natural resources Energy Policy, Economics and Management Innovation/Technology Management Energy Systems Natural Resource and Energy Economics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1.Introduction -- 2.The Transition to a New Electric World -- 3.The Transition to a New Power Mix -- 4.The Transition to a New Grid -- 5. Solutions for a Sustainable Transition -- 6.Facilitating the Transition Through Digital Technologies.
Sommario/riassunto	After decades of stability, power systems are currently undergoing a rapid transition - demand patterns are evolving, while supply sources are shifting to renewable energies at an accelerated pace. This book, written by an experienced energy professional, combines the various aspects of supply and demand developments to offer a unified perspective. It highlights the key changes that the world of electric utilities and power systems will face in the coming decade, as well as the major challenges that will emerge as a result. Supplemented by a wealth of global and local data, the book describes the major patterns that affect both supply and demand, and provides a quantified analysis

of their impacts on power system grids and markets. Lastly, it explores the new technologies that can enable the success of these transformations.
