

1. Record Nr.	UNINA9910780896403321
Autore	Gitterman M
Titolo	Chemistry versus physics [[electronic resource]] : chemical reactions near critical points / / Moshe Gitterman
Pubbl/distr/stampa	Singapore ; Hackensack, N.J., : World Scientific, c2010
ISBN	1-282-76184-6 9786612761843 981-4291-21-8
Descrizione fisica	xi, 136 p. : ill
Disciplina	530.474
Soggetti	Critical phenomena (Physics) Critical point Chemistry, Physical and theoretical
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 (p. 127-134) and index.
Nota di contenuto	Criticality and Chemistry; The Effect of Criticality on Chemical Reaction; Effect of Chemistry on Critical Phenomena; Phase Separation in Reactive Systems; Comments on the Geometry of the Phase Diagram of a Reaction Mixture; Sound Propagation and Light Scattering in Chemically Reactive Systems.
Sommario/riassunto	Chemical reactions at high pressures are widely used in modern technology (supercritical extraction is an example). This book sums up the results of 222 published articles, both theoretical and experimental. It is suitable for students and researchers working in this field.