Quick Guide for EBSCO eBooks

Detailed Record

PDF Full Text

Download This eBook (Offline)

'**Download This eBook (Offline)은 도서 대출 기능**으로

다운로드 받은 파일은 **대출 기간 이후 만료**되어 이용 불가

EBSCOhost 개인 계정 생성 및 **ADE(Adobe Digital Editions) 설치** 필요 (생성 및 설치 무료)

Find Similar Results
using SmartText Searching.

Magnetism in Condensed Matter

1. 'PDF Full Text' 클릭

※ 'PDF Full Text' 링크가 없는 경우 'EPUB Full Text' 클릭

Series: Oxford Master Series in Condensed Matter

Authors: Blunden, Stephen

Publication   Oxford : Oxford University Press. 2001
Information:

Resource Type: eBook.

Subjects: Condensed matter

Categories: SCIENCE / Physics / Condensed

Related ISBNs: 9780198505921.

OCLC: 53956469

Accession Number: 98436

Publisher Permissions:	Print/Save 60 pages Copy/Paste Allowed
Concurrent User Level:	Unlimited User Access

※ 다운로드한 PDF파일은 가운데에 'EBSCOhost' 워터마크가 표시되어 있음

※ PDF 추가 다운로드하기 (택1)
- 다른 브라우저로 접속
- 브라우저를 닫은 후 1시간 이후 재접속
- 다른 컴퓨터(IP 주소가 달라야 함)로 접속

※ ''Copy/Paste Restricted'로 표시된 책은 다운로드한 PDF파일에서도 복사-붙여넣기 불가능

PDF 다운로드 최대 허용 페이지수 복사-붙여넣기 허용 여부

동시이용자수 제한 범위 (unlimited, 3 copies, 1 copy 등)

도서 대출

⬇ Download

Electrochemical Systems

Author: Newman, John S., Thomas-Alyea, Karen E.

Date: 2004

Detailed Record

▾ Cover

Electrochemical Systems, Third Edition

CONTENTS

PREFACE TO THE THIRD EDITION

PREFACE TO THE SECOND EDITION

PREFACE TO THE FIRST EDITION

▸ 1 INTRODUCTION

▸ **PART A THERMODYNAMICS OF ELECTROCHEMICAL CELLS**

▸ PART B ELECTRODE KINETICS AND OTHER INTERFACIAL PHENOMENA

THERMODYNAMICS OF ELECTROCHEMICAL CELLS

... a discussion of the thermodynamics of electrochemical cells, we first need to introduce free energies, chemical potentials, and activity coefficients. If we restrict ... solves to electrodes in equilibrium with the solution adjacent to them, then the cell potential can be obtained by expressing the equilibrium in terms of the electrochemical potentials of species ... the electrodes and in the solutions. The condition of phase equilibrium precludes the passage of anything but an infinitesimal current; it also precludes the possibility of the occurrence of spontaneous reactions that require no net current. Under certain conditions it is possible, however, to have more than one reaction simultaneously in equilibrium.

In all but the simplest cells, the expression of the phase equilibria does not lead to an immediately useful result. The solutions adjacent to the two electrodes of a cell usually have different compositions, and in order to preclude spontaneous reactions at the electrodes, it is necessary to prevent the reactants for one electrode from ...

2. 온라인상에서 책 내용 읽기

목차와 페이지 입력란을 활용하여 필요한 페이지로 이동

3. 필요한 내용 PDF 다운로드

Save Pages

※ 최대 허용 페이지수 이내에서 지정

('Number of pages available: XX' 로 표시됨)

− 페이지 범위 지정 옵션 (3가지) −

① 현재 페이지
② 현재 페이지 및 다음 XX페이지
③ 현재 챕터

⤢ | ↔ | ▱ | ⊖ Zoom ⊕

< 27 >

PART A THERMODYNAMICS OF ELECTROCHEMI...

Add to folder   Save Pages   E-mail Pages   Print Pages   💬 Cite   •••

Magnetism in Condensed Matter

Author: Blundell, Stephen

Date: 2001

Detailed Record

4. 온라인상에서 내용 복사하기

원하는 내용을 드래그한 후
Ctrl+C

※ **'Copy/Paste Allowed' 책만 복사 가능**
('Copy/Paste Restricted' 책은 불가)

2 Isolated magnetic moments

In this chapter the properties of isolated magnetic moments will be examined. At this stage, interactions between magnetic moments on different atoms, or between magnetic moments and their immediate environments, are ignored. All that remains is therefore just the physics of isolated atoms and their interaction with an applied magnetic field. Of course that doesn't stop it being complicated, but the complications arise from the combinations of electrons in a given atom, not from the fact that in condensed matter there is a large number of atoms. Using this simplification, the large number of atoms merely leads to properties like the magnetic susceptibility containing a factor of n, the number of atoms per unit volume.

2.1   An atom in a magnetic field

In Section 1.1 (see eqn 1.35) it was shown that an electron spin in a magnetic field parallel to the z axis has an energy equal to