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Autore	McKinnon Linda
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Altri autori (Persone)	McKinnonAl
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Lingua di pubblicazione	Inglese
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Note generali	"Wiley Computer Publishing." Includes index.
Nota di contenuto	Installing and Administering Linux Second Edition; Contents; Introduction; Acknowledgments; About the Authors; Chapter 1 Linux Origins; A Brief History of UNIX; History of Linux; Linux Features; Chapter 2 Installing Linux from a CD-ROM; Installing Linux on an IDE System; Initiating a Linux Installation; Chapter 3 Getting Started Using the Linux System; Logging In and Out; Creating User Accounts and Passwords; Command Syntax; Online Information for Linux and UNIX Commands; Viewing the Date: date and cal Commands; Requesting Data on Logged-In Users; Sending and Receiving Mail: mail Command Sending Messages to the Screen: write and wall CommandsConversing Online: The talk Command; Blocking Messages and Conversations: The mesg Command; Additional Tools: clear, echo, banner, and wc Commands; Exercises; Quiz; Chapter 4 Files and Directories in Linux; File System Structure and Hierarchy; Navigating the Directory Structure; Managing Directories; Formatting and Accessing Floppy Disks; Exercises; Quiz; Chapter 5 Using Files in Linux; Files and Directories: A Quick Review; Linux Filename Guidelines; Creating and Updating Files: The touch Command; Linking Files: The ln Command Viewing File ContentsCopying, Moving, and Deleting Files; The mtools

Utilities; Printing Files: The lpr, lpq, and lprm Commands; Exercises; Quiz; Chapter 6 Linux File Permissions; Review of the ls -l Command; Permissions; Creating Personal Directories; Samples of Commands and Their Required Permissions; Exercises; Quiz; Chapter 7 Shell Basics; The Linux/UNIX Shells; Types of Linux/UNIX Shells; Command-Line Parsing; Metacharacters and Wildcards; Quoting Metacharacters to Disable Shell Interpretation; Standard Files: Redirection and Piping; Connecting Commands with Pipes
Command Grouping with Semicolons
Line Continuation with the Backslash; Shell History Commands; Exercises; Quiz; Chapter 8 Basic Linux Utilities; Searching Directories for Files: The find Command; Locating Commands: whatis, whereis, and which Commands; Locating Data within a File: grep Command; Sorting Output: The sort Command; Displaying Parts of Files: The head and tail Commands; Exercises; Quiz; Chapter 9 Advanced Linux Utilities; Maximizing Work per Command: xargs; Linux/UNIX Shortcut: The alias Command; Comparing find Functions and Shell Functions; Determining File Types: The file Command
Comparing Text Files: The diff Command
Comparing All Types of Files: The cmp Command; Compressing Files: The gzip, gunzip, and zcat Commands; Displaying Nonprintable Characters: The cat Command Options; Assigning Unique Filenames: Appending Information; Exercises; Quiz; Chapter 10 The vi Editor; An Introduction to vi; Starting vi; Exiting vi; Adding Text in Insert Mode; Manipulating Text in Command Mode; Options for Changing vi Functions; Entering and Editing Commands at the Command Line; Invoking Text Editor Features at the Command Line; Related vi Editors; Exercises; Quiz
Chapter 11 Shell Variables and the User Environment

Sommario/riassunto

An indispensable working resource for IT professionals moving to Linux-based network systems
This new edition of Linda and Al McKinnon's book satisfies a long-standing need among IT professionals for a comprehensive guide to installing and administering Linux-topics usually covered in a more superficial manner as parts of larger Linux references. In addition to providing complete step-by-step installation instructions, this fast-paced guide shows readers how to perform all essential administrative tasks, including creating users and passwords, managing files and directories, and customizing

2. Record Nr.	UNINA9910140494103321
Autore	Survila Arvydas
Titolo	Electrochemistry of metal complexes : applications from electroplating to oxide layer formation / / Arvydas Survila
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ISBN	3-527-69125-1 3-527-69124-3
Descrizione fisica	1 online resource (306 p.)
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Soggetti	Electrochemistry Metal complexes Chemical equilibrium
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 at the end of each chapters and index.
Nota di contenuto	Cover; Title Page; Copyright; Contents; Preface; Symbols and Abbreviations; Chapter 1 Introduction; 1.1 Equilibrium Properties of Complex Systems; 1.1.1 General Definitions; 1.1.2 Equilibrium in the Solutions of Complex Compounds; 1.1.3 Distribution of Complexes and Ligands in the Solution; References; Chapter 2 Equilibrium Electrode Potentials; 2.1 Electrodes of the First Kind; 2.2 Equilibria Involving Ions of the Intermediate Oxidation State; 2.3 Electrodes of the Second Kind; 2.4 Open-Circuit Potentials: Examples of Experimental Investigations; 2.4.1 System Cu/Cu(I),CN- 2.4.2 System Cu/Cu(II), -AlanineReferences; Chapter 3 Mass Transport; 3.1 Two Models of Linear Mass Transport; 3.2 Other Cases of Diffusional Mass Transport; 3.3 Mass Transport of Chemically Interacting Particles; 3.4 Concentration Profiles; 3.4.1 Concentration Profiles in Ideally Labile Systems; 4.2 Potential Transients; 3.4.2 Concentration Profiles in Systems of Limited Lability; References; Chapter 4 Peculiarities of Electrochemical Processes Involving Labile Complexes; 4.1 Steady-State Voltammograms; 4.3 Current Transients; References

Chapter 5 Quantitative Modeling of Quasi-Reversible Electrochemical Processes Involving Labile Complexes of Metals
 5.1 Kinetic Equations; 5.2 Employment of Voltammetric Data; 5.2.1 Tafel Plots Normalized with Respect to the Surface Concentration of EAC; 5.2.2 Analysis of LPS Current Maxima; 5.3 Techniques Based on the Control of the Intensity of Forced Convection; 5.3.1 Isosurface Concentration Voltammetry; 5.3.2 Determination of the Exchange Current Density from Polarization Resistance; 5.3.3 Electrochemical Impedance Spectroscopy (EIS) under Forced Convection Conditions; References
 Chapter 6 Determination of Mechanism of Electrochemical Processes Involving Metal Complexes
 6.1 Determination of the Mechanism by Reaction Orders; 6.2 Method of Isopotential Solutions; References;
 Chapter 7 Adsorption; 7.1 Thermodynamic Aspects; 7.2 Model Aspects; References;
 Chapter 8 Electrochemical Processes in Real Systems; 8.1 Experimental Details; 8.2 Cyanide Systems; 8.2.1 System Cu|Cu(I), CN⁻; 8.2.2 System Ag|Ag(I), CN⁻; 8.2.3 System Au|Au(I), CN⁻; 8.3 Ecological Systems Containing Hydroxy Acids; 8.3.1 Electroreduction of Cu(II) Complexes; 8.3.2 Electroreduction of Sn(II) Complexes; 8.3.3 Electroreduction of Zn(II) Complexes
 Appendix; References;
 Chapter 9 Electrochemical Deposition of Alloys; 9.1 Mass Transport during the Codeposition of Metals; 9.2 Codeposition of Cobalt and Tin; 9.3 Deposition of Brass Coatings; 9.4 Deposition of Bronze Coatings; 9.4.1 Surface Activity of Polyethers on Copper and Tin Substrates; 9.4.2 Effect of Halides. Formation of Surface Complexes; 9.4.3 Effect of Length of the Hydrocarbon Chain; 9.4.4 Codeposition of Copper and Tin; 9.4.5 Related Phenomena: Current Oscillations; 9.5 Codeposition of Cobalt and Molybdenum; References
 Chapter 10 Spontaneous Formation of Photosensitive Cuprous Oxide Layers

Sommario/riassunto

This book aims to sequentially cover all the major stages of electrochemical processes (mass transport, adsorption, charge transfer), with a special emphasis on their deep interrelation. Starting with general considerations on equilibria in solutions and at interfaces as well as on mass transport, the text acquaints readers with the theory and common experimental practice for studying electrochemical reactions of metals complexes. The core part of the book deals with all important aspects of electroplating, including a systematic discussion of co-deposition of metals and formation of alloys.
