

1. Record Nr.	UNINA9911090810603321
Autore	Larkin Peter (Peter J.)
Titolo	Infrared and raman spectroscopy : principles and spectral interpretation // Peter Larkin
Pubbl/distr/stampa	Amsterdam [Netherlands] ; ; Boston, : Elsevier, 2011
ISBN	9781493301270 1493301276 9781283114127 1283114127 9780123870186 0123870186
Edizione	[1st ed.]
Descrizione fisica	1 online resource (239 p.)
Disciplina	535/.8/42 535.842
Soggetti	Infrared spectroscopy Raman spectroscopy
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	Machine generated contents note: 1. Introduction - Infrared and Raman Spectroscopy 2. Basic Principles Electromagnetic Radiation 3. Instrumentation and Sampling Methods Dispersive Systems 4. Environmental Dependence of Vibrational Spectra 5. Origin of Group Frequencies 6. Generalized Infrared and Raman Spectra 7. General Outline for IR and Raman Spectral Interpretation. 8. 108 illustrated and interpreted IR and Raman Spectra 9. 44 Unknown IR and Raman Spectra with answer key.
Sommario/riassunto	"Infrared and Raman Spectroscopy: Principles and Spectral Interpretation explains the background, core principles and tests the readers understanding of the important techniques of Infrared and Raman Spectroscopy. These techniques are used by chemists, environmental scientists, forensic scientists etc to identify unknown chemicals. In the case of an organic chemist these tools are part of an armory of techniques that enable them to conclusively prove what compound they have made, which is essential for those being used in

medical applications. The book reviews basic principles, instrumentation, sampling methods, quantitative analysis, origin of group frequencies and qualitative interpretation using generalized Infrared (IR) and Raman spectra. An extensive use of graphics is used to describe the basic principles of vibrational spectroscopy and the origins of group frequencies, with over 100 fully interpreted FT-IR and FT-Raman spectra included and indexed to the relevant qualitative interpretation chapter. A final chapter with forty four unknown spectra and with a corresponding answer key is included to test the readers understanding. Tables of frequencies (peaks) for both infrared and Raman spectra are provided at key points in the book and will act as a useful reference resource for those involve interpreting spectra. This book provides a solid introduction to vibrational spectroscopy with an emphasis placed upon developing critical interpretation skills. Ideal for those using and analyzing IR and Raman spectra in their laboratories as well as those using the techniques in the field"--

2. Record Nr.	UNINA9911141788903321
Autore	Vandezande James <1972->
Titolo	Autodesk Revit architecture 2013 : essentials / / James Vandezande, Phil Read, Eddy Krygiel
Pubbl/distr/stampa	Indianapolis, Ind., : John Wiley & Sons, Inc., c2012
ISBN	1-118-33042-0 1-280-67225-0 9786613649188 1-118-33325-X
Edizione	[1st ed.]
Descrizione fisica	1 online resource (402 p.)
Collana	Sybex serious skills Autodesk Revit Architecture 2013 essentials
Altri autori (Persone)	ReadPhil KrygielEddy <1972->
Disciplina	720.28 720.28/40285536 720.2840286
Soggetti	Building information modeling
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Autodesk official training guide, Autodesk certification preparation"--cover.

Includes index.

Nota di contenuto

Autodesk Revit Architecture 2013 Essentials; Foreword; Introduction; Who Should Read This Book; What Is Covered in This Book; The Essentials Series; Contacting the Authors; Chapter 1: Introducing the Autodesk Revit Architecture Interface; Understanding the Interface; Understanding the Interface Workflow; Using Common Modifying Tools; Chapter 2: Schematic Design; Working from a Sketch; Modeling In-Place Masses; Creating Mass Floors; Scheduling Mass Floors; Updating the Massing Study; Chapter 3: Walls and; Understanding Wall Types and Parameters; Creating Generic Walls
Creating Numerous Wall Configurations
Modifying Walls; Creating Curtain Walls; Modifying Curtain Walls; Going Beyond the Basics; Chapter 4: Floors, Roofs, and Ceilings; Creating Floors; Laying Out Roofs; Adding Ceilings; Chapter 5: Stairs, Ramps,; Creating Stair Configurations; Designing Ramps; Building Railings for Level and Sloped Conditions; From Basics to Creative Art; Chapter 6: Adding Families; Understanding the Model Hierarchy; Working with System Families; Working with Component Families; Chapter 7: Modifying Families; Editing View Display and Detail Level; Changing the Family Category
Modifying Family Geometry
Chapter 8: Groups and Phasing; Using Groups; Using Phasing; Chapter 9: Rooms and Color-Fill Plans; Defining Rooms in Spaces; Creating a Key Schedule; Generating Color-Fill Room Plans; Chapter 10: Worksharing; Enabling Worksharing; Creating Central and Local Files; Adding Worksets; Assigning Elements to Worksets; Saving to the Central File; Creating New Elements; Using Workset Display Filters; Using Worksharing to Work with Consultants; Using Guidelines for Worksharing; Chapter 11: Details and Annotations; Creating Details; Annotating Your Details; Using Legends
Chapter 12: Creating Drawing Sets
Creating Schedules; Placing Views on Sheets; Printing Documents; Chapter 13: Workflow and; Understanding a BIM Workflow; Modeling Site; Chapter 14: Tips, Tricks, and Troubleshooting; Optimizing Performance; Using Best Practices; Fixing File Corruption; Learning Tips and Shortcuts; Finding Additional Resources; Appendix: Autodesk Revit Architecture 2013 Certification; Index

Sommario/riassunto

Get quickly up to speed on Revit Architecture's core features and functions. This unique new Autodesk Official Training Guide thoroughly covers the fundamentals of Revit Architecture. The fast, focused guide teaches you everything you need to become quickly productive with the software, including how to best use the interface, create floor plans, add content, prepare documentation, annotate, and more. Each chapter features compelling, full-color screenshots to illustrate tutorial steps and concludes with a related and more open-ended project to further reinforce the lessons.
