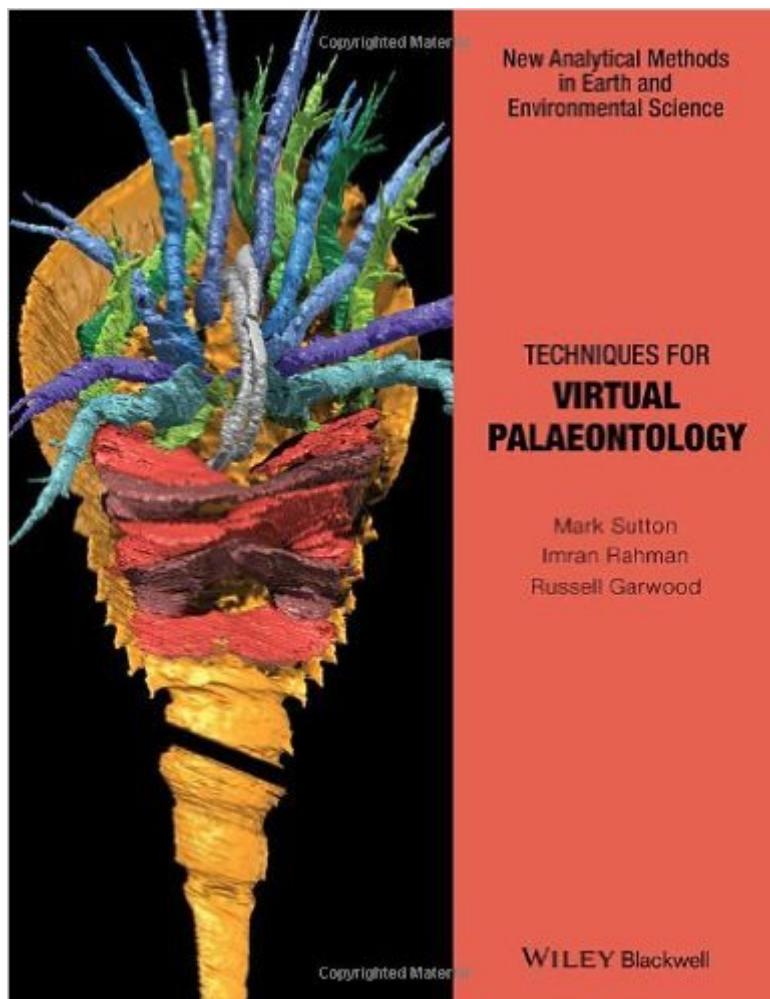


The book was found

Techniques For Virtual Palaeontology



Synopsis

Virtual palaeontology, the use of interactive three-dimensional digital models as a supplement or alternative to physical specimens for scientific study and communication, is rapidly becoming important to advanced students and researchers. Using non-invasive techniques, the method allows the capture of large quantities of useful data without damaging the fossils being studied. Techniques for Virtual Palaeontology guides palaeontologists through the decisions involved in designing a virtual palaeontology workflow and gives a comprehensive overview, providing discussions of underlying theory, applications, historical development, details of practical methodologies, and case studies. Techniques covered include physical-optical tomography (serial sectioning), focused ion beam tomography, all forms of X-ray CT, neutron tomography, magnetic resonance imaging, optical tomography, laser scanning, and photogrammetry. Visualization techniques and data/file formats are also discussed in detail. Readership: All palaeontologists and students interested in three-dimensional visualization and analysis. New Analytical Methods in Earth and Environmental Science Because of the plethora of analytical techniques now available, and the acceleration of technological advance, many earth scientists find it difficult to know where to turn for reliable information on the latest tools at their disposal, and may lack the expertise to assess the relative strengths or limitations of a particular technique. This new series will address these difficulties by providing accessible introductions to important new techniques, lab and field protocols, suggestions for data handling and interpretation, and useful case studies. The series represents an invaluable and trusted source of information for researchers, advanced students and applied earth scientists wishing to familiarise themselves with emerging techniques in their field. All titles in this series are available in a variety of full-colour, searchable eBook formats. Titles are also available in an enhanced eBook edition which may include additional features such as DOI linking, high resolution graphics and video.

Book Information

Hardcover: 208 pages

Publisher: Wiley-Blackwell; 1 edition (January 28, 2014)

Language: English

ISBN-10: 1118591135

ISBN-13: 978-1118591130

Product Dimensions: 7.4 x 0.8 x 10.4 inches

Shipping Weight: 1.2 pounds ([View shipping rates and policies](#))

Average Customer Review: Be the first to review this item

Best Sellers Rank: #3,895,171 in Books (See Top 100 in Books) #76 in Books > Science & Math > Biological Sciences > Paleontology > Paleobiology #16364 in Books > Science & Math > Evolution #97171 in Books > Textbooks > Science & Mathematics

[Download to continue reading...](#)

Techniques for Virtual Palaeontology Techniques for Virtual Palaeontology (Analytical Methods in Earth and Environmental Science) Virtual Law: Navigating the Legal Landscape of Virtual Worlds ColonografÃfÃ-a por TC: Principios y prÃfÃjctica de la colonoscopia virtual: Principios y prÃfÃjctica de la colonoscopia virtual (Spanish Edition) Real Virtual en la estetica y la teoria de las artes/Real Virtual in the Esthetic and the Theory of the Arts (Paidos Estetica / Ethetics) (Spanish Edition) Invertebrate Palaeontology and Evolution, 4th, Fourth Edition Distributed Virtual Worlds: Foundations and Implementation Techniques Using VRML, Java, and CORBA His Forge Burns Hot for Mosaic Damascus: Knife Patterns & Techniques: Damascus pattern making & techniques. Learn how to make mosaic Damascus patterns ... techniques for making Damascus patterns. Painting: Techniques for Beginners to Watercolor Painting, Painting Techniques and How to Paint (Painting,Oil Painting,Acrylic Painting,Water Color Painting,Painting Techniques Book 3) NLP: NLP TECHNIQUES: HYPNOTIC LANGUAGE PATTERNs to Easily Attract More Success (PLUS: FREE BONUS AUDIOBOOK) (NLP books, NLP sales, sales techniques, NLP techniques, NLP Book 4) Learning: 25 Learning Techniques for Accelerated Learning - Learn Faster by 300%! (Learning, Memory Techniques, Accelerated Learning, Memory, E Learning, ... Learning Techniques, Exam Preparation) Making Virtual Worlds: Linden Lab and Second Life 3D Engine Design for Virtual Globes Virtual Reality - die digitale Welt wird zur Wirklichkeit: Augmented Reality, VR-Brillen, Cardboards, Cyberspace (German Edition) Augmented Reality for Beginners!: Principles & Practices for Augmented Reality & Virtual Computers Haptics for Virtual Reality and Teleoperation (Intelligent Systems, Control and Automation: Science and Engineering) The State of Play: Law, Games, and Virtual Worlds (Ex Machina: Law, Technology, and Society) Interact and Engage!: 50+ Activities for Virtual Training, Meetings, and Webinars Exploring Web 2.0: Second Generation Interactive Tools - Blogs, Podcasts, Wikis, Networking, Virtual Worlds, And More Openswan: Building and Integrating Virtual Private Networks

[Dmca](#)