



DOWNLOAD



## Techniques for Virtual Palaeontology

By Mark Sutton, Imran Rahman, Russell Garwood

John Wiley & Sons Inc. Hardback. Book Condition: new. BRAND NEW, Techniques for Virtual Palaeontology, Mark Sutton, Imran Rahman, Russell Garwood, 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...

### Reviews

*The most effective ebook i at any time study. It can be writter in easy words and phrases and not difficult to understand. I am just pleased to let you know that this is the finest publication i have read within my individual lifestyle and could be he finest publication for at any time.*

-- **Tania Mosciski**

*Simply no phrases to describe. It is amongst the most awesome pdf we have read through. Your life period will probably be transform as soon as you complete looking over this publication.*

-- **Torrance Skiles**