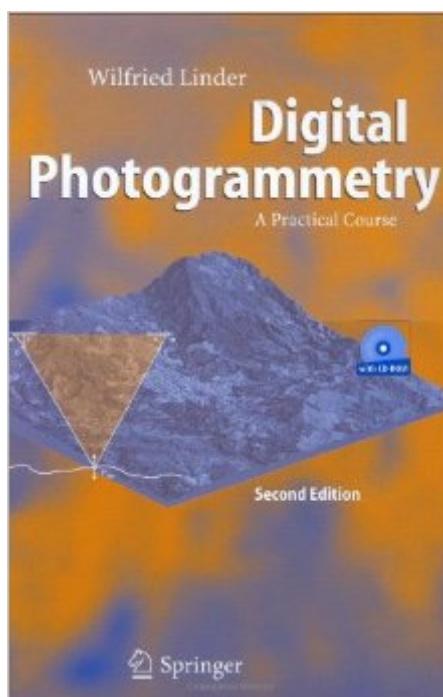The book was found

Digital Photogrammetry: A Practical Course

Synopsis

The second edition is an "all-in-one" combination of basic theory and practical exercises with software and data included on a CD-ROM. Potential readers/users are students of Photogrammetry, Geodesy, Geography and other sciences, but also all who are interested in this topic. No prior knowledge is necessary, except the handling of standard PCs. Theory is presented true to the motto "as little as possible, but as much as necessary". The main part of the book contains several tutorials. In increasing complexity, accompanied by texts explaining further theory, the reader can proceed step by step through the particular working parts. All intermediate as well as the final results are discussed with reference to accuracy and error handling, and included on the CD-ROM to provide controls. Most of the standard work in Digital Photogrammetry is shown and trained for example scanning, image orientation, mono and stereo plotting, aerial triangulation measurement (manual and automatic), block adjustment, automatic creation of surface models via image matching, creation of ortho images and mosaics, and others. Not only standard situations are dealt with but also more complex ones, such as unknown camera data, extreme relief or areas with very low contrast. Examples of both aerial and close-range photogrammetry present the power of these type of measurement techniques. The software is not limited to the example data included but may be used for personal projects. Part of the book comprises a complete description of the software. On the CD-ROM, versions in German, English and Spanish are available. Even 3-D images can be viewed with the accompanying 3-D glasses.

Book Information

Hardcover: 214 pages

Publisher: Springer; 2nd edition (March 8, 2006)

Language: English

ISBN-10: 3540291520

ISBN-13: 978-3540291527

Product Dimensions: 9.4 x 6.3 x 0.7 inches

Shipping Weight: 1.2 pounds

Average Customer Review: 2.8 out of 5 stars See all reviews (5 customer reviews)

Best Sellers Rank: #1,532,563 in Books (See Top 100 in Books)   #135 in Books > Computers & Technology > Programming > Graphics & Multimedia > GIS   #223 in Books > Computers & Technology > Graphics & Design > Computer Modelling > Imaging Systems   #331 in Books > Science & Math > Earth Sciences > Geophysics

Customer Reviews

This book spends most of its space explaining how the reader can use the described software to perform photogrammetric tasks and calculations. It does talk about the concepts in a qualitative manner, but not a quantitative one. The author is honest about this and even explains in the preface that his target audience is geologists that are not interested in getting involved in the mathematics. Thus you'll see large chunks of chapters talking about what tasks are performed by particular menus on the software interface. If that is what you are seeking, this is the book you want. If you want to understand the math behind photogrammetry I must direct you to the more detailed and expensive Elements of Photogrammetry with Applications in GIS. That book has lots of equations and sample problems.I give this book 5 stars if you are seeking software and a user's manual on software that will handle photogrammetric tasks for you. If you want to understand photogrammetry I'm afraid this book is badly mislabeled, and for that reason I give it one star for accuracy of title. This averages to three stars.

Totally useless for understanding photogrammetry. No math, no explanations beyond the utterly trivial, just a CD ROM and a software user guide. Don't waste you money. Zero stars.Buy 'Elements of Photogrammetry' by Wolf and Dewitt instead - and get inside a real textbook that has it all.Elements of Photogrammetry with Applications in GIS

This book is described as a book and accompanying software, but it did not include the software. I purchased the kindle version of the book, to read on my PC fully expecting to receive some form of access to the software, whether it be a code t0 access it or a downloadable digital file! I received neither and have now paid the same amount as a hard copy, but without the software that this book spends so much time discussing. This book is borderline useless without the accompanying software. In the book text it provides a link to download software "updates", but this link takes you to a website in written German that does not have any form of software on it (yes I had it translated into English so I could read it), and another link to a German website to some form of software results in a "Page Not Found" error. The book mentions a DVD/CD with software/data that does not come in a digital form with the digital copy apparently.Do not buy this book!

This book can seem a bit overwhelming at first. It is not a book you read quickly and completely understand. It can be time consuming. The software that is included is decent though, considering the book was a hundred bucks.

This is a real practical reference material for teaching photogrammetry.

Digital Photogrammetry: A Practical Course Elements of Photogrammetry with Application in GIS, Fourth Edition Photogrammetry (Series in civil engineering) Introduction to Modern Photogrammetry Elements of Photogrammetry with Applications in GIS Python: PYTHON CRASH COURSE - Beginner's Course To Learn The Basics Of Python Programming In 24 Hours!: (Python, Python Programming, Python for Dummies, Python for Beginners, python crash course) Measuring the Digital World: Using Digital Analytics to Drive Better Digital Experiences (FT Press Analytics) Fotografia Submarina / Underwater Photography: Tecnicas Fotograficas / Digital and Traditional Techniques (Ocio Digital / Leisure Digital) (Spanish Edition) Fotografia digital 2013 / 2013 Digital Photography (GuÃa PrÃ¡ctica / Practical Guide) (Spanish Edition) Digitization and Digital Archiving: A Practical Guide for Librarians (Practical Guides for Librarians) Huerta Organica/ Organic Garden (Jardineria PrÃƒƒÃ Â¡ctica / Practical Gardening) (Jardineria PrÃƒŸctica / Practical Gardening) (Jardineria PrÃ ctica / ... (Jardineria PrÃ¡ctica / Practical Gardening) SQL: Learn SQL In A DAY! - The Ultimate Crash Course to Learning the Basics of SQL In No Time (SQL, SQL Course, SQL Development, SQL Books, SQL for Beginners) C: Learn C In A DAY! - The Ultimate Crash Course to Learning the Basics of C In No Time (C, C Course, C Development, C Books, C for Beginners) Crochet: Crash Course - The Ultimate Beginner's Course to Learning How to Crochet In Under 12 Hours - Including Quick Projects & Detailed Images Windows on the World Complete Wine Course: 25th Anniversary Edition (Kevin Zraly's Complete Wine Course) IOS: Crash Course - The Ultimate Beginner's Course to Learning IOS Programming in Under 12 Hours The Complete Jewelry Making Course: Principles, Practice and Techniques: A Beginner's Course for Aspiring Jewelry Makers Sewing: Crash Course - The Ultimate Beginner's Course to Learning How to Sew In Under 12 Hours - Including Quick Projects & Detailed Images Knitting: Crash Course - The Ultimate Beginner's Course to Learning How to Knit In Under 12 Hours - Including Quick Projects & Detailed Images Html: Crash Course - The Ultimate Beginner's Course to Learning Html & CSS Programming in Under 12 Hours