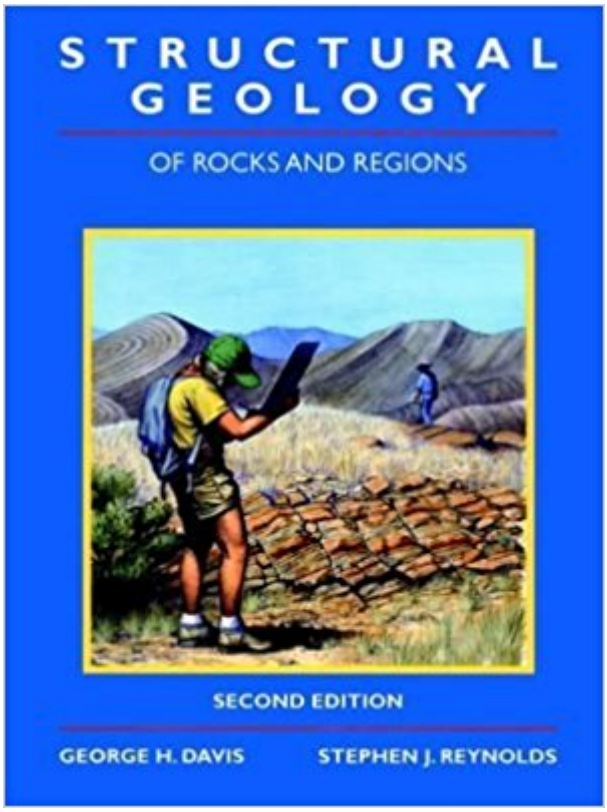
Structural Geology Of Rocks And Regions, 2nd Edition



Synopsis

When author George Davis conceptualized the cover illustration for the first edition of Structural Geology of Rocks and Regions, he wanted to emphasize that the human adventure of learning comes from doing; and that new insight springs from careful, detailed examination of field relationships, viewed at all scales from rocks to regions. He asked illustrator David Fisher to combine four photos into the single painting, you see here. The geologist is enveloped by challenging structural relationships of folded rocks in outcrop; the curvature of back and neck, torqued as eyes and brain move closer and closer to clipboard, is the classic language of geologic mapping. When George Davis and new co-author Steve Reynolds contemplated the cover illustration for the second edition of Structural Geology of Rocks and Regions, they asked: "Who else is in the picture?" Stepping back, and handing David Fisher a couple of additional photos, the scene suddenly changed. The original geologist who had been sitting on the outcrop recording data is now up and walking around, gathering new data. A second geologist has moved into the new foreground, mapping and sketching a system of small-scale imbricate faults. Again, the head is torqued to handle the requirements of fine description and careful mapping. Like so many structural geologists, she seems to thrive on visualization of three-dimensional relationships.

Book Information

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Customer Reviews

When author George Davis conceptualized the cover illustration for the first edition of Structural Geology of Rocks and Regions, he wanted to emphasize that the human adventure of learning comes from doing; and that new insight springs from careful, detailed examination of field

relationships, viewed at all scales from rocks to regions. He asked illustrator David Fisher to combine four photos into the single painting, you see here. The geologist is enveloped by challenging structural relationships of folded rocks in outcrop; the curvature of back and neck, torqued as eyes and brain move closer and closer to clipboard, is the classic language of geologic mapping. When George Davis and new co-author Steve Reynolds contemplated the cover illustration for the second edition of Structural Geology of Rocks and Regions, they asked: "Who else is in the picture?" Stepping back, and handing David Fisher a couple of additional photos, the scene suddenly changed. The original geologist who had been sitting on the outcrop recording data is now up and walking around, gathering new data. A second geologist has moved into the new foreground, mapping and sketching a system of small-scale imbricate faults. Again, the head is torqued to handle the requirements of fine description and careful mapping. Like so many structural geologists, she seems to thrive on visualization of three-dimensional relationships.

Very good book especially for the price. It is a bit dated but so well written that it can still be very useful. The style is conversational and fun yet the information is high level.

This textbook is absolutely amazing. Has super clear explanations and great tricks to remember things. It used creative things like pancakes to explain complex structural features. If you are told to get this book, do it! You won’t regret it. I am never giving this book away.

A very good book, covers all of the structural topics in a good depth of detail, and with useful pictures. Definitely recommended for your bookshelf!

It has all been said before. A very very good book!

Chock-full of instruction concerning the "architecture" of the the Earth and its processes. An excellent addition to any Earth science collection.

What should a textbook be? Comprehensive. Authoritative. Clear, readable, and hopefully interesting. Great pictures. Funny.Well, the last two might not be requirements, but "Rocks and Regions" has all the above attributes. It covers the theory from stress/strain through all forms of deformation structures (joints, faults, folds, foliations & lineations, shear zones) to a part on plate tectonics (that subject really belonging in a geodynamics textbook). If that wasn’t what all you

wanted there is a short section at the end on things like primary sedimentary structures, mapping (cross-sections and the like), and a chapter on stereographic projection. Much the same material as that which is in pocket guides like the one by Ken McClay, but handy to have in textbook style. Authoritative? Aye. It’s 23 years old this year, and in its second edition.And now to the important stuff. Clear, readable, and interesting. Absolutely. Essential terms are in bold type when defined. As for readability and interesting, I’m so used to the stellar standard of expression used here now that other - previously decent - textbooks are almost unreadable. Interesting examples often not directly from geology are on every few pages. Funny as well. Most importantly, it reads like real people have written it. After describing the process of stress/strain experiments: "For sick fun you might want to try to calculate how much a limestone specimen of 3.00 cm original length will shorten in the first 5 minutes of shortening at a strain rate of 10^-14 s^-1. Then again, you might not want to." Sarcasm and wit abounds, which is better than riveting wonders like Telford’s "Applied Geophysics zzzzzzzzzSorry about that. Did I mention it was full of great pictures? Unfortunately the edition has no colour illustrations, but it’s not a critical drawback. Unlike the poor and often useless quality of many B&W photos in the Geological Society of London handbooks I have, virtually all photographs in Davis & Reynolds are clear and informative. Their sketches are also splendid, plentiful, and always relevant. Even small things are great, like the typeface and page layout.This is one of the few (very few... okay, perhaps the only) textbook I’ve paid AUS$100+ for that was worth it.

This structure book is truly the finest example of what an academic text should be. The content is thorough with no categorical difficiencies. Organization is logical and somewhat unique. However, what makes this work so special is the first author’s personal style of creativity. Artwork and the written words are done with a joyful flair. Instead of dry technicalities, students find humor and "common sense" descriptions throughout. How-to descriptions are quite successful. It all goes to show that being a good text author has more to do with conveying the heart of a gifted teacher than with being an "expert". In this particular case, the book is a wonderful product of accomplshed experts who happen to be gifted communicators as well. I wish publishers and aspiring authors would use this text as a model in all subjects.

This book is one of the complete books in structural geology in the sense that it covers structural geology exhaustively follwed by tectonics which allows you to understand the importance of structural geology in the context of larger scales. Another good quality of the book is that a lot of techniques required for solving practical lab problems are explained lucidly.All in all a very good for

undergraduates with no knowledge of geology. Might seem wordy at times but it sure helps.

Structural Geology of Rocks and Regions, 2nd Edition Structural Geology of Rocks and Regions, 3rd Edition By George H. Davis - Structural Geology of Rocks and Regions: 22nd (second) Edition Structural Geology of Rocks and Regions The Techniques of Modern Structural Geology, Volume 3: Applications of Continuum Mechanics in Structural Geology Structural Analysis and Synthesis: A Laboratory Course in Structural Geology, 2nd Edition Structural Analysis and Synthesis: A Laboratory Course in Structural Geology 3rd (third) edition by Rowland, Stehen M., Duebendorfer, Ernest M., Schiefelbein, I published by Wiley-Blackwell (2007) [Spiral-bound] Rocks and Minerals of The World: Geology for Kids - Minerology and Sedimentology (Children's Rocks & Minerals Books) Geology of the Baraboo district, Wisconsin;: A description and field guide incorporating structural analysis of the Precambrian rocks and ... Extension. Information circular, no. 14) Structural Analysis and Synthesis: A Laboratory Course in Structural Geology Structural Geology: The Mechanics of Deforming Metamorphic Rocks Rocks and Minerals for Kids - Fun Facts & Pictures About Crystals and Gemstones, Geology & Much More (geology book) Geology for beginners: Easy course for understanding geology (Geology explained) Cold Regions Engineering: Proceedings of the Sixth International Specialty Conference Hosted by the Us Army Cold Regions Research and Engineering LA 4th Grade Geography: North and South Poles: Fourth Grade Books Polar Regions for Kids (Children's Explore Polar Regions Books) Basque Regions of Spain & France: of Spain and France, a countryside guide (The 'landscapes" /Sunflower Guides) (Sunflower Guides Basque Regions of Spain & France) Cold Regions Engineering: Proceedings of the Fifth International Conference Sponsored by the Technical Council on Cold Regions Engineering of the Am Earth Structure: An Introduction to Structural Geology and Tectonics:2nd (Second) edition Structural Geology: Principles Concepts and Problems (2nd Edition) Rocks & Minerals of Washington and Oregon: A Field Guide to the Evergreen and Beaver States (Rocks & Minerals Identification Guides)