Structural Geology: Principles Concepts And Problems (2nd Edition)
Synopsis

This state-of-the-art text offers readers balanced coverage of the full range of topics supported by a wealth of outstanding illustrations and photographs. The title opens with an overview of basic geologic principles that pave the way for a better understanding of structural geology.

Book Information

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Customer Reviews

This state-of-the-art text offers students balanced coverage of the full range of topics, supported by a wealth of outstanding illustrations and photographs. The text opens with an overview of basic geologic principles that paves the way for a better understanding of structural geology. The topics of stress and strain, deformation mechanisms, and strain measurement provide a foundation upon which the text’s remaining coverage is built. Self-contained chapters meet instructor's individual needs. A brief introduction to geophysical techniques, principally seismic reflection and refraction, Earth magnetism, and gravity, enhances a better understanding of crustal structures. This latest edition has been revised for greater clarity and to incorporate the most current technical information possible. A laboratory manual (by Robert Hatcher and Robert J. Hooper) is also available.

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Dr. Hatcher’s book is a difficult read at best because of his retentive obsession to details that made
him a authority on structural geology. It is an essential reference book. Also, a real bonus for anyone working in The Southern Appalachians where most of the photography was taken. Major structural theory has not changed significantly since the second edition was printed so it is a cheap reference source. I am currently using as a companion to the required text, Earth Structure Ben Van Der Pluijm, for a senior level Structural Geology class. The professor recommended, saying he would still use it if it was still in print.

This purchase was made for a class in structural geology. The course was good, but the book is a bit daunting to read.

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