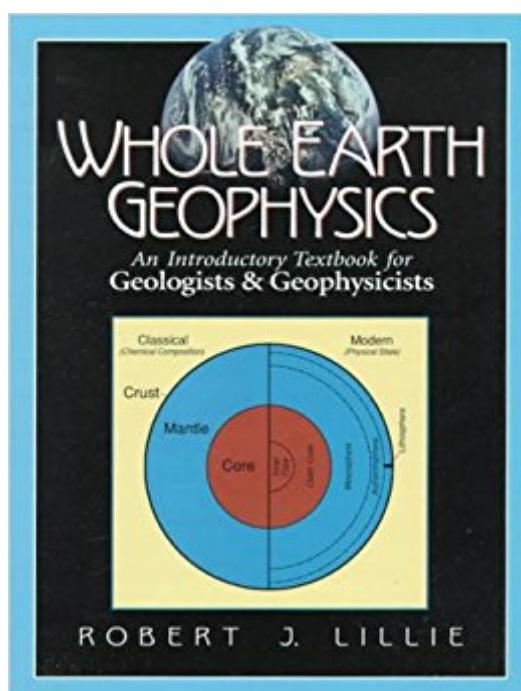


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Whole Earth Geophysics: An Introductory Textbook For Geologists And Geophysicists



Synopsis

This book offers abundant figures and exercises, combined with the straightforward, concise style of the book, put the essentials of geophysics well within reach of students whose primary training is in geology and who possess only a basic knowledge of physics. It is designed to introduce the principal geophysical phenomena and techniques—namely seismology, gravity, magnetism, and heat flow.

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This book offers abundant figures and exercises, combined with the straightforward, concise style of the book, put the essentials of geophysics well within reach of students whose primary training is in geology and who possess only a basic knowledge of physics. It is designed to introduce the principal geophysical phenomena and techniques—namely seismology, gravity, magnetism, and heat flow.

Robert J. Lillie (Ph.D. Cornell) is professor of geosciences at Oregon State University. His research explores crustal structure and geologic evolution in Alaska, Europe and Asia. He is the author of *Whole Earth Geophysics* and has written and illustrated numerous geology training manuals for National Park Service sites. --This text refers to an alternate Paperback edition.

This book is incredibly well written. I have never had a Geo book that was so helpful and easy to understand. I was hesitant about the price at first but now I realize it was such a good investment.

For each chapter you can really look at the diagrams and know what is going on, being a visual learner myself this was extremely helpful. The sections do not go on long rants and are very direct about the topics. Although when they are explaining the equations in sections I would have arranged it a bit differently but that is just the engineer in me. Overall an excellent book I will be using for a long time.

Great book for introductory geophysics, but a little geology background is needed to full understand
very interesting

it is good

I just got the book today and have not opened it. says that they were shipping me a hardcover book and they sent me a paperback book. Still has the same stuff but people should know what they are getting.

My friend is doing her Masters in Geoscience. She recommended I buy this textbook. She had bought and read the 3 textbooks recommended for her Geophysics subject and couldn't understand any of them. She couldn't even understand the lecture notes and was starting to despair. Then another friend recommended she read this book. As she started reading, she found herself saying: "Now why didn't the other textbooks just say that! Why did they have to make things so difficult and complicated?" You don't need any prior knowledge of Geophysics to understand this textbook. You don't even need a science background. (I sure didn't have one!) It doesn't use big scientific words. It is written in English for humans to understand. If you want a stress-free way to pass Geophysics, even get a High Distinction, I cannot recommend this textbook highly enough. Would you pay \$90+ to guarantee you passed Geophysics? I did. (Thank you Sophie for recommending it!!! You were right!)

Lillie has done the earth science and teaching professions an incredible service by writing this book. Whole Earth Geophysics is written and illustrated in such a way that it encourages geology students and professionals to incorporate geophysics into their thinking about the earth. It is the link between descriptive courses in geology and quantitative geophysics courses that has been missing for a long time!

This book achieves exactly what its title says it is - an introduction to geophysics. It balances math and physics with geoscience interpretation such that you don't need to be an expert to learn the main concepts of geophysics. For a science textbook it is extremely easy and enjoyable reading.

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