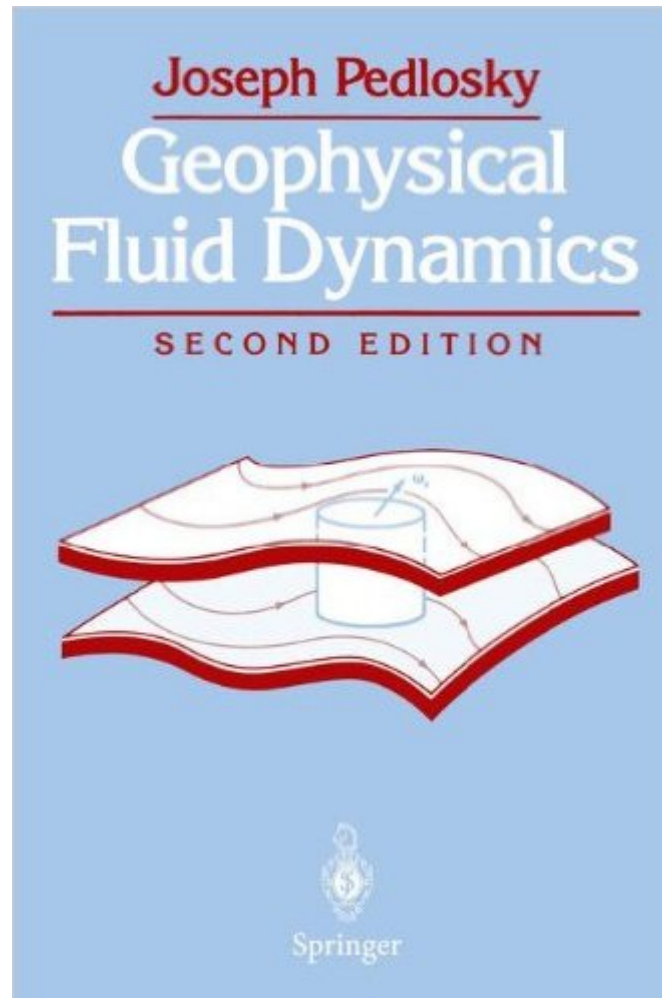


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Geophysical Fluid Dynamics



Synopsis

This second edition of the widely acclaimed Geophysical Fluid Dynamics by Joseph Pedlosky offers the reader a high-level, unified treatment of the theory of the dynamics of large-scale motions of the oceans and atmosphere. Revised and updated, it includes expanded discussions of * the fundamentals of geostrophic turbulence * the theory of wave-mean flow interaction * thermocline theory * finite amplitude barocline instability.

Book Information

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Customer Reviews

This review has to do with the Kindle Edition of this book only! The other editions are probably fine. A text such as this is full of equations. This is good, because the object in reading the text is generally to learn how to calculate certain quantities. However, if you are learning the subject still, the equations must be readable. I purchased the Kindle version of this book, because it could be delivered immediately. However, upon receipt, I find that many of the equations are not readable. Equation 3.3.1 has three partial derivatives in it. None of the division bars are visible! The curly d's that are used to indicate partial-differentiation are missing parts of their loops, making them look a bit like backwards 5s. This I could live with, but it gets worse. Equation 3.6.7 has pieces that are moved with respect to where they should be, making it very hard to read. Equation 3.9.8b has an integral sign that has been misplaced into a position such that it looks like it is part of an exponent, which it is not. Equation 3.9.16, the third equation has the division bars moved above the equation. Equation 3.9.21 has variables that cannot be distinguished. There are more, but that

should suffice. I have focused on Chapter 3, because it contains the information for which I purchased the book in the first place. Scanning through the rest, it appears to be more of the same. This ebook appears to have been constructed by scanning the printed text and adding a few links. However, the scan was of very poor quality. Even the body of the text exhibits missing pieces of letters. The purpose of this kind of book is to teach, but that purpose has been overthrown by the slipshod manner in which it was executed.

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