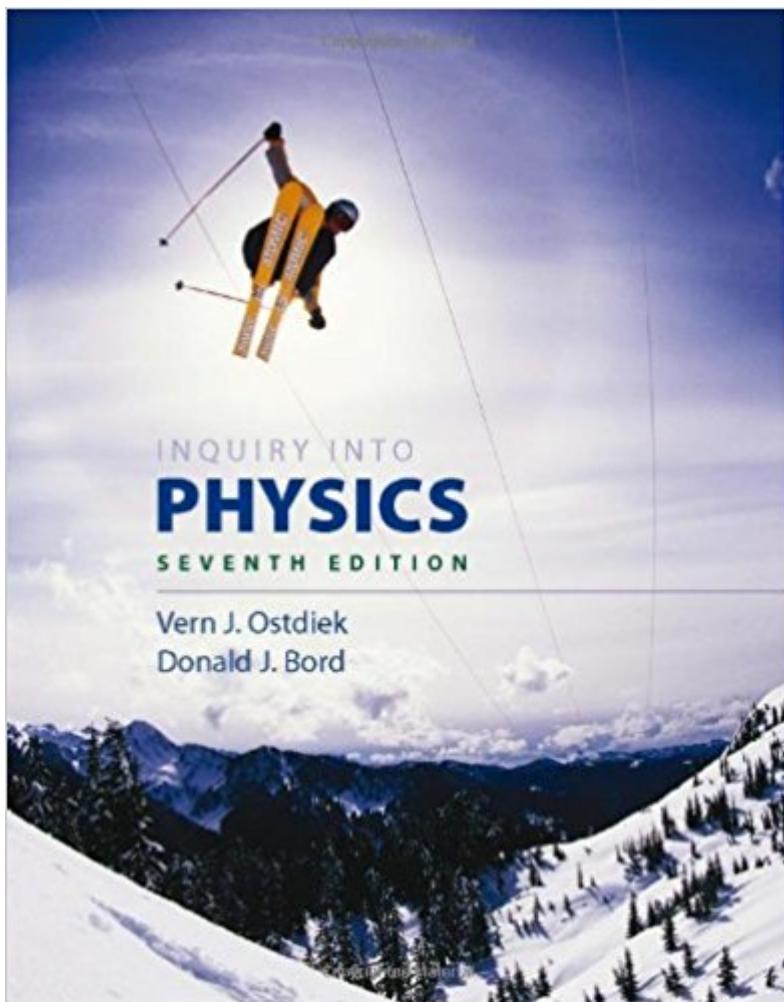


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Inquiry Into Physics



Synopsis

This text emphasizes conceptual understanding through an inquiry-based approach, using modern applications such as iPods, metal detectors, sundogs, kaleidoscopes, and smoke detectors to demonstrate the relevance of physics in our daily lives.

Book Information

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Vern Ostdiek was an Associate Professor at Benedictine College, where he had a joint appointment in the Department of Physics and Astronomy and the Department of Mathematics and Computer Science. In addition to teaching courses in physics, mathematics, and computer science, he oversaw the Computer Discovery Lab. Vern was named Benedictine College's Educator of the Year in 1999. His research interests centered on the nocturnal dynamics of the lower part of the Earth's atmosphere. Past research topics included noctilucent clouds and frontal zones. Don Bord, Ph.D., is

Professor of Physics and Astronomy at the University of Michigan-Dearborn. Prior to his appointment, he taught at Benedictine College in Atchison, Kansas, where his collaboration with Vern Ostdiek led to the development and publication of *INQUIRY INTO PHYSICS*, now in its 8th Edition. Don has an abiding interest in physics and astronomy education, particularly as it pertains to laboratory instruction, and has published articles in *The American Journal of Physics*, *The Physics Teacher*, and *Sky and Telescope*. He was co-editor, with Clint Sprott, of the first edition of *Great Ideas for Teaching Physics*. Don's research focuses on determining the abundance of heavy and rare-earth elements in chemically peculiar stars and the Sun using high-resolution spectra. Don served as chair of the Department of Natural Sciences, associate dean for planning and faculty development and associate provost, interim chair of the Department of Health and Human Services in 2016. He was the first recipient of the University of Michigan's Jacqueline Lawson Award for his contributions in the area of faculty governance.

I'm not gonna lie... I love this textbook. My class had an electronic copy of the book but I ordered one myself simply because I like to have a physical textbook (I know, I'm a little old school). After the class has finished, I still pick this thing up to read through it to give myself a better understanding of the physical world! I would even go so far as to recommend it to anyone wanting a book to learn physics in their free time.

Great book with plenty of examples and information needed for learning.

Book has multiple pen marks in several pages and multiple sticky notes throughout the book. Front, side, and back covers are torn and are holding on with tape. Other than that the book is fine.

I just finished my Bachelor's Degree, so I've gone through quite a few books over the past couple years, and this book is the best one that I'd bought. In fact, I sold all of my used text books except this one - it is that good. It doesn't just go over the facts & formulas of physics, but the history behind much of what we know today, who discovered or invented it, and then puts it into context of real life, modern day examples that we come across in life. I had a really good professor too, so no doubt that helped piqued my interest in the subject, but the course followed this book. And this book is easy to follow (and interesting too). I can easily recommend it to anyone who's considering a purchase.

For our son's schooling

Book is in very very bad condition

A pretty good Physics textbook... Decent explanations. Doesn't go over the cool or interesting about physics that usually captivates student, but overall it does its job.

A very good book. Will recommend it for sure.

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