book, however, in this one some of the rigor seems to have disappeared with the verbosity. As in many other textbooks, a new concept is sometimes introduced by analogy with a more familiar one. This correlation does no harm and may increase the student's understanding, but in several cases Wehr and Richards have provided very little definition of terms beyond the comparison. In general, they have made the material quite easy to read, and their next edition could be an example of lucid writing for others to emulate.

My principal concern is for the role of a course in a physics curriculum at the college level, for which this text would be suitable. By actual page count, a minimum of 142 pages of text and solved problems duplicates the material in an introductory text that is widely used in liberal arts courses. In this case duplication means that no additional facts, no additional reasons justifying a physical model, or no additional limitations inherent in a physical model are presented.

The new material presented in the remaining 214 pages (of which many pages are problems that illustrate the text material) seems too little to justify the use of this book as the text for an additional semester or quarter of work beyond the introductory general physics course, even though the advertising cover suggests this possible use for the book. The book does fulfill another purpose stated on its cover—that of providing suitable supplementary reading for an introductory general physics course.

It is to be hoped that the increase in the amount of mathematics taught in high schools will remove the need for college physics textbooks that avoid mathematical description of phenomena. No one has much insight into the scientist's description of the universe unless he understands a little of the algebraic language in which that description is stated.

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