



# Modern Physics for Scientists and Engineers

By John R. Taylor, Chris D. Zafiratos, Michael A. Dubson

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With more than 100 years of combined teaching experience and PhDs in particle, nuclear, and condensed-matter physics, these three authors could hardly be better qualified to write this introduction to modern physics. They have combined their award-winning teaching skills with their experience writing best-selling textbooks to produce a readable and comprehensive account of the physics that has developed over the last hundred years and led to today's ubiquitous technology. Assuming the knowledge of a typical freshman course in classical physics, they lead the reader through relativity, quantum mechanics, and the most important applications of both of these fascinating theories.

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**Bibliography**

- Sales Rank: #476055 in Books
- Published on: 2014-12-15
- Original language: English
- Dimensions: 9.75" h x 8.00" w x 1.00" l, 2.90 pounds
- Binding: Paperback
- 720 pages

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### **About the Author**

John Taylor received his B.A. in math from Cambridge University in 1960 and his Ph.D. in theoretical physics from Berkeley in 1963. He is professor emeritus of physics and Presidential Teaching Scholar at the University of Colorado, Boulder. He is the author of some 40 articles in research journals; a book, Classical Mechanics; and three other textbooks, one of which, *An Introduction to Error Analysis*, has been translated into eleven foreign languages. He received a Distinguished Service Citation from the American Association of Physics Teachers and was named Colorado Professor of the Year in 1989. His television series *Physics for Fun* won an Emmy Award in 1990. He retired in 2005 and now lives in Washington, D.C.

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