



# Physics Demystified : A Self-Teaching Guide (Demystified)

By Stan Gibilisco

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## YOU DON'T HAVE TO BE A ROCKET SCIENTIST TO UNDERSTAND PHYSICS

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With *Physics Demystified* you master the subject one simple step at a time -- at your own speed. Unlike most books on physics, general principles are presented first -- and the details follow. In order to make the learning process as clear and simple as possible, heavy-duty math, formulas, and equations are kept to a minimum. This unique self-teaching guide offers questions at the end of each chapter and section to pinpoint weaknesses, and a 100-question final exam to reinforce the entire book.

Simple enough for a beginner but challenging enough for an advanced student, *Physics Demystified* is your direct route to learning or brushing up on physics.

### HERE'S EVERYTHING YOU NEED TO:

- \* Understand the math used in physical science
- \* Solve mass/force/acceleration problems
- \* Create mathematical models of physical phenomena
- \* Perform distance vs. time calculations
- \* Determine potential and kinetic energy
- \* Calculate the wavelength of sounds and radio signals
- \* Understand visible light interference patterns
- \* Calculate the energy and frequency of a moving particle
- \* Understand atomic structure
- \* Learn about electric current, voltage, resistance, power, and energy

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From the Back Cover

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About the Author

**Stan Gibilisco** is one of McGraw-Hill's most diverse and best-selling authors. Known for his clear, user-friendly, and entertaining writing style, Mr. Gibilisco's depth of knowledge and ease of presentation makes him an excellent choice for a book such as *Physics Demystified*. His previous titles for McGraw-Hill include *The TAB Encyclopedia of Electronics for Technicians and Hobbyists*, *Teach Yourself Electricity and Electronics*, and the *Illustrated Dictionary of Electronics*. Booklist named his book, *The McGraw-Hill Encyclopedia of Personal Computing*, one of the Best References of 1996.

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