



Fundamentals of Physics II: Electromagnetism, Optics, and Quantum Mechanics (The Open Yale Courses Series)

By R. Shankar

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The book begins at the simplest level, develops the basics, and reinforces fundamentals, ensuring a solid foundation in the principles and methods of physics. It provides an ideal introduction for college-level students of physics, chemistry, and engineering; for motivated AP Physics students; and for general readers interested in advances in the sciences.

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Review

“This introductory text makes easy reading, due to Shankar’s great sense of humor and his lucid explanation of the essential ideas of fundamental physics.”—David Gross, Nobel Laureate in Physics, 2004, on previous volume

(David Gross)

“Masterfully developing the student’s facility with symmetry, dimensional analysis, physical intuition, and solid mathematical reasoning, Shankar once again explains the essentials of introductory physics with great clarity and elegance.”—Daniel Arovas, University of California, San Diego

(Daniel Arovas)

“Shankar makes the study of modern physics easy going for students and general readers. A wonderful combination of clarity, humor, and depth.”—David Gross, Nobel Laureate in Physics, 2004

(David Gross)

“A worthy companion to the excellent first volume. Shankar’s deep understanding and unique insights shine through. His explanations are clear and thorough and presented with an inimitably light touch.”—Alan Chodos, American Physical Society (retired)

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“This delightful volume, a textbook and lecture notes all in one, is a worthy sequel to *Fundamentals of Physics I*. In his interactive and humorous way, Shankar builds a serious foundation for physics knowledge.”—Igor Klebanov, Princeton University

(Igor Klebanov)

About the Author

R. Shankar is John Randolph Huffman Professor of Physics, Yale University. He is the 2009 winner of the American Physical Society’s Lilienfeld Prize and the author of three previous textbooks.

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