



# **Nuclear Physics for Applications**

By Stanley G. Prussin



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Written by a researcher and teacher with experience at top institutes in the US and Europe, this textbook provides advanced undergraduates minoring in physics with working knowledge of the principles of nuclear physics. Simplifying models and approaches reveal the essence of the principles involved, with the mathematical and quantum mechanical background integrated in the text where it is needed and not relegated to the appendices. The practicality of the book is enhanced by numerous end-of-chapter problems and solutions available on the Wiley homepage.



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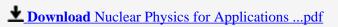
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# **Editorial Review**

About the Author

**Stanley G. Prussin** received his Ph.D. degree in chemistry from the University of Michigan in 1964. After doing postdoctoral research at the Lawrence Berkeley National Laboratory from 1964 to 1966, he accepted a post at the Department of Nuclear Engineering at the University of California at Berkeley, where he still teaches in the position of a Professor of Graduate Studies. Professor Prussin is a member of the American Nuclear Society and of the American Association for the Advancement of Science. His areas of teaching expertise are low-energy nuclear physics, nuclear- and radiochemistry and applications, radiation protection and control, nuclear chemical engineering, and nuclear instrumentation.

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