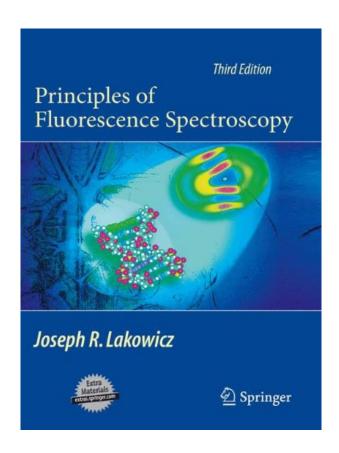
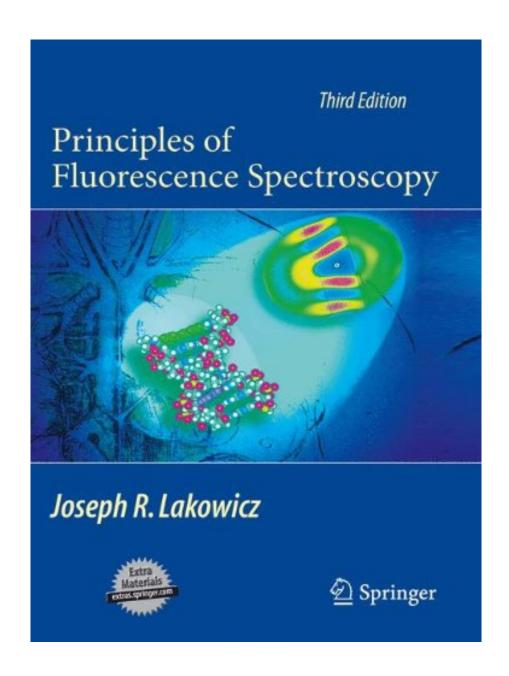
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"Recommended without reservation both to the novice and to the expert in fluorescence."

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"This book gives an overview of the principles and applications of fluorescence. It is well structured, starting with basic knowledge about the phenomena of fluorescence and ending with the latest applications. ... highly readable and informative both by novices and by experienced people. ... a helpful work of reference and a wonderful creation for learning and teaching. The updated 3rd edition with its appealing design and its absolutely up-to-date and, nevertheless, complete treatment of fluorescence spectroscopy makes it essential for everyone working in this field." (Christiane Albrecht, Analytical and Bioanalytical Chemistry, Vol. 390, 2008)

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The third edition of the established classic text reference, Principles of Fluorescence Spectroscopy, will enhance upon the earlier editions' successes. Organized as a textbook for the learning student or the researcher needing to acquire the core competencies, Principles of Fluorescence Spectroscopy, 3e will maintain the emphasis on basics, while updating the examples to include recent results from the literature. The third edition also includes new chapters on single molecule detection, fluorescence correlation spectroscopy, novel probes and radiative decay engineering.

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Principles of Fluorescence Spectroscopy, 3rd edition, is an essential volume for students, researchers, and industry professionals in biophysics, biochemistry, biotechnology, bioengineering, biology and medicine.

About the Author:

Dr. Joseph R. Lakowicz is Professor of Biochemistry at the University of Maryland School of Medicine, Baltimore, and Director of the Center for Fluorescence Spectroscopy. Dr. Lakowicz has published over 400 scientific articles, has edited numerous books, holds 16 issued patents, and is the author of the widely used text, Principles of Fluorescence Spectroscopy now in its 3rd edition.

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The third edition of this established classic text reference builds upon the strengths of its very popular predecessors. Organized as a broadly useful textbook Principles of Fluorescence Spectroscopy, 3rd edition maintains its emphasis on basics, while updating the examples to include recent results from the scientific literature. The third edition includes new chapters on single molecule detection, fluorescence correlation spectroscopy, novel probes and radiative decay engineering. Includes a link to Springer Extras to download files reproducing all book artwork, for easy use in lecture slides. This is an essential volume for students, researchers, and industry professionals in biophysics, biochemistry, biotechnology, bioengineering, biology and medicine.

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