



## New Trends in Fluorescence Spectroscopy

By Valeur, Bernard / Brochon, Jean-Claude

Book Condition: New. Publisher/Verlag: Springer, Berlin | Applications to Chemical and Life Sciences | This first volume in the new Springer Series on Fluorescence brings together fundamental and applied research from this highly interdisciplinary and field, ranging from chemistry and physics to biology and medicine. Special attention is given to supramolecular systems, sensor applications, confocal microscopy and protein-protein interactions. This carefully edited collection of articles is an invaluable tool for practitioners and novices. | 1 Historical Aspects of Fluorescence.- 1 Introduction: On the Origin of the Terms Fluorescence, Phosphorescence, and Luminescence.- References.- 2 Pioneering Contributions of Jean and Francis Perrin to Molecular Luminescence.- 2.1 Introduction.- 2.2 Biographical Sketches of Jean Perrin and Francis Perrin.- 2.3 The Perrin-Jablonski Diagram.- 2.3.1 Jablonski Diagram.- 2.3.2 États Métastables - Phosphorescence.- 2.4 Resonance Energy Transfer.- 2.5 Fluorescence Polarization.- 2.6 Concluding Remarks.- 2.7 Bibliographical Notes.- References.- 3 The Seminal Contributions of Gregorio Weber to Modern Fluorescence Spectroscopy.- 3.1 Overview.- 3.2 Early Years.- 3.3 Cambridge.- 3.4 Francis Perrin's Influence.- 3.5 Ph.D. Thesis.- 3.6 Postdoctoral.- 3.7 Sheffield.- 3.8 Intrinsic Protein Fluorescence.- 3.9 Red-Edge Effects.- 3.10 EEM.- 3.11 Brandeis.- 3.12 University of Illinois.- 3.13 Phase Fluorometry.- 3.14 Polarization Revisited.- 3.15 Students, Postdocs and Visitors.- 3.16 Commercialization of Fluorescence.- 3.17 National...

### Reviews

*This publication may be really worth a go through, and a lot better than other. It really is written in simple terms and never difficult to understand. Once you begin to read the book, it is extremely difficult to leave it before concluding.*

-- **Natalie Abbott**

*This book will not be simple to get going on reading but extremely exciting to read through. Yes, it can be playful, still an interesting and amazing literature. I am very easily could possibly get a delight of reading a written book.*

-- **Rene Olson**

## Other Books



### [The Mystery at Draculas Castle: Transylvania, Romania](#)

Around the World in 80 Mysteries. Paperback. Book Condition: New. Paperback. 133 pages. Dimensions: 7.3in. x 5.1in. x 0.9in. When you purchase the Library Bound mystery you will receive FREE online eBook access! Carole Marsh Mystery Online eBooks are an easy, effective, and...



### [Violet Rose and the Surprise Party](#)

Book Condition: New. Publisher/Verlag: Nosy Crow | With activities, 3D press-out models and over 175 stickers! Plus free games and printables online! | When busy rabbit, Violet Rose, discovers that her friend Lily has a birthday coming up, she and her buddies...



### [Would It Kill You to Stop Doing That?](#)

Book Condition: New. Publisher/Verlag: Little, Brown Book Group | A Modern Guide to Manners | A laugh-out-loud guide to modern manners by acclaimed humorist, author, and Vanity Fair columnist Henry Alford. | A few years ago, humorist and journalist Henry Alford found...



### [TJ new concept of the Preschool Quality Education Engineering: new happy learning young children \(3-5 years old\) daily learning book Intermediate \(2\) \(Chinese Edition\)](#)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the Youth Pre-employment Training software download generated pictures...



### [TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children \(3-5 years\) Intermediate \(3\)\(Chinese Edition\)](#)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the Youth Pre-employment Training software download generated pictures...



### [TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children \(2-4 years old\) in small classes \(3\)\(Chinese Edition\)](#)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the Youth Pre-employment Training software download generated pictures...