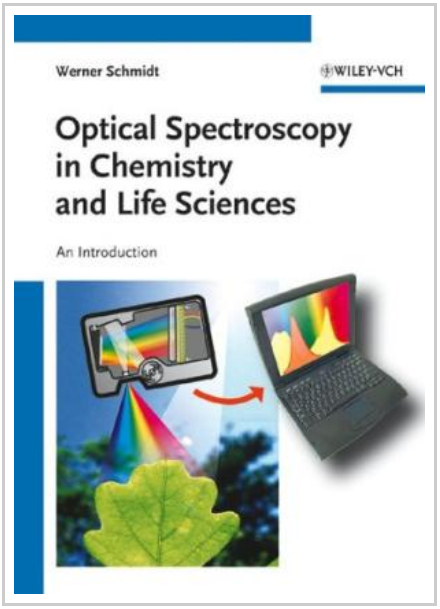

Laparoscopic Surgery: A Colloquium

By -

Springer, 1998. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Preface.1 Introduction to Optical Spectroscopy.1.1 Overview.1.2 History of Optical Spectroscopy.1.3 Selected Further Reading.2 Fundamental Principles.2.1 The Nature of Light.2.2 Electromagnetic Radiation.2.3 Interaction of Light and Matter.2.4 Selected Further Reading.3 Optics for Spectroscopy.3.1 Introduction.3.2 Physical Light Units.3.3 Photometric Light Units.3.4 Light Sources.3.5 Geometric Optics and Wave Optics.3.6 Monochromators.3.7 Photodetectors.3.8 Cuvettes.3.9 Selected Further Reading.4 Spectroscopy of Atoms.4.1 Atomic Absorption Spectroscopy.4.2 Atomic Emission Spectroscopy.4.3 Interferences.4.4 Selected Further Reading.5 Molecular Absorption Spectroscopy.5.1 The Bouguer-Lambert-Beer Law.5.2 Monochromators.5.3 Absorption Properties of Molecules.5.4 Modification of Absorption Spectra.5.5 Dual Wavelength Spectrophotometry.5.6 Spectrophotometers for Specific Applications.5.7 Selected Further Reading.6 Luminescence Spectrophotometry.6.1 Introduction.6.2 Mechanisms Involved in Fluorescence.6.3 Fluorescence Measurement.6.4 Polarization and Anisotropy.6.5 Fluorescence Lifetime.6.6 Selected Topics.6.7 Phosphorescence.6.8 Chemo- and Photobioluminescence.6.9 Delayed Luminescence.6.10 Selected Further Reading.7 Photoacoustic Spectroscopy.7.1 Introduction.7.2 Basic Principle of Photoacoustic Spectroscopy (PAS).7.3 Theory of Photoacoustic Spectroscopy.7.4 Experimental Methods.7.5 Photochemically Active Samples.7.6

Reviews

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This publication is great. It is full of wisdom and knowledge You will not really feel monotony at at any time of the time (that's what catalogs are for relating to when you ask me).

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