



# Introduction to Experimental Infrared Spectroscopy

By Mitsuo Tasumi, Akira Sakamoto, Shukichi Ochiai

John Wiley and Sons Ltd. Paperback. Book Condition: new. BRAND NEW, Introduction to Experimental Infrared Spectroscopy, Mitsuo Tasumi, Akira Sakamoto, Shukichi Ochiai, Infrared spectroscopy is generally understood to mean the science of spectra relating to infrared radiation, namely electromagnetic waves, in the wavelength region occurring intermediately between visible light and microwaves. Measurements of infrared spectra have been providing useful information, for a variety of scientific research and industrial studies, for over half a century; this is set to continue in the foreseeable future. "Introduction to Experimental Infrared Spectroscopy" is intended to be a handy guide for those who have no, or limited, experience in infrared spectroscopic measurements but are utilising infrared-related methods for their research or in practical applications. Written by leading researchers and experienced practitioners, this work consists of 22 chapters and presents the basic theory, methodology and practical measurement methods, including ATR, photoacoustic, IR imaging, NIR, 2D-COS, and VCD. The six Appendices will aid readers in understanding the concepts presented in the main text. Written in an easy-to-understand way this book is suitable for students, researchers and technicians working with infrared spectroscopy and related methods.



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