DESCRIPTION

Attenuated Total Reflection (ATR) Spectroscopy is now the most frequently used sampling technique for infrared spectroscopy. This book fully explains the theory and practice of this method.

- Offers introduction and history of ATR before discussing theoretical aspects
- Includes informative illustrations and theoretical calculations
- Discusses many advanced aspects of ATR, such as depth profiling or orientation studies, and particular features of reflectance

ABOUT THE AUTHOR

MILAN MILOSEVIC works as a consultant in the field of optical spectroscopy for MeV Technologies, LLC. Milan has spent his entire career in the field of FTIR spectroscopy, developing spectroscopic equipment and building our understanding of the physical basis of spectroscopy. He has pioneered several devices for what have become standard spectroscopic techniques, including micro ATR, variable angle ATR, and grazing angle ATR spectroscopy. Holding over fifteen US patents, Milan has authored or coauthored over thirty peer-reviewed papers on various aspects of spectroscopy.