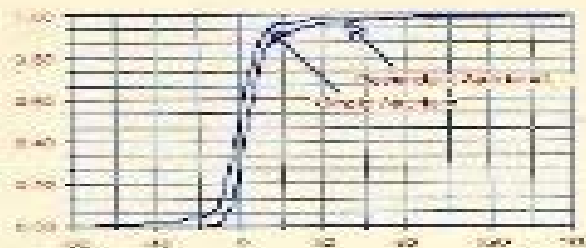


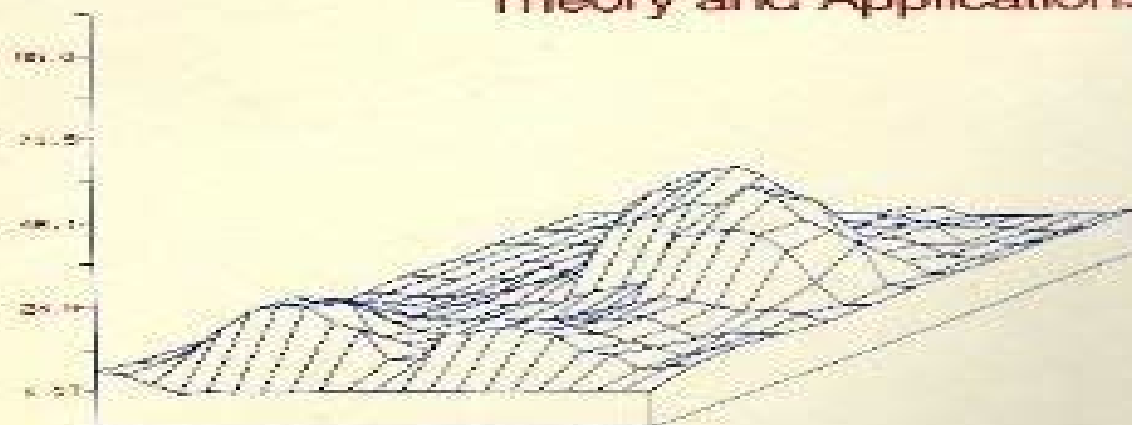
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VOLUME 6



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Theory and Applications



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Rensselaer Polytechnic Institute Troy New York Dr Skelly Frame has extensive practical experience in the use of instrumental analysis to characterize a wide variety of substances from biological samples and cosmetics to high temperature superconductors polymers metals and alloys Her industrial career includes supervisory roles at GE Corporate Research and Development Stauffer Chemical Corporate R D and the Research Triangle Institute She is a member of the American Chemical Society the Society for Applied Spectroscopy and the American Society for Testing and Materials Dr Skelly Frame received the B S degree in chemistry from Drexel University Philadelphia Pennsylvania and the Ph D in analytical chemistry from Louisiana State University Baton Rouge GEORGE M FRAME II is Scientific Director Chemical Biomonitoring Section of the Wadsworth Laboratory New York State Department of Health Albany He has a wide range of experience in the field and has worked at the GE Corporate R D Center Pfizer Central Research the U S Coast Guard R D Center the Maine Medical Center and the USAF Biomedical Sciences Corps He is an American Chemical Society member Dr Frame received the B A degree in chemistry from Harvard College Cambridge Massachusetts and the Ph D degree in analytical chemistry from Rutgers University New Brunswick New Jersey

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Moreover IR spectroscopic studies of radiation stimulated processes and the influence of using IR in developing an ideal catalyst and hence an efficient catalysis process are discussed The impact of coupling multivariate data analysis techniques to IR is shown in almost every chapter **Coatings Technology Handbook** Arthur A. Tracton, 2005-07-28 Serving as an all in one guide to the entire field of coatings technology this encyclopedic reference covers a diverse range of topics including basic concepts coating types materials processes testing and applications summarizing both the latest developments and standard coatings methods Take advantage of the insights and experience of over

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