



Optical Properties of Metals and Intermolecular Interactions / Opticheskie Svoistva Metallov / Mezhmolekulyarnoe Vzaimodeistvie / O t Eck e Cbo CTBA Meta Ob / Me Mo Eky Pnoe B a Mo e CTB

By -

Springer-Verlag New York Inc., United States, 2012. Paperback. Book Condition: New. 1973 ed.. 277 x 208 mm. Language: English . Brand New Book ***** Print on Demand *****.The first part of this collection sets out the results of some experimental and theoretical investigations into the optical properties of nontransition metals. The extensive future prospects of metal optics are indicated; the use of metal optics enables a whole series of important electron properties of metals to be determined. Results obtained by studying intermolecular forces (the hydrogen bond and van der Waals forces) using spectroscopic methods (Raman effect and infrared absorption) are presented in the second part. A method of studying the true absorption of the drop phase of a water cloud is described. Methods of increasing the dispersion of manufactured spectral instruments and constructing various infrared spectrometers are indicated. The publication is intended for scientific workers, graduates, and students concerned with problems of metal optics, the electron properties of metals, and molecular spectroscopy. v CONTENTS OPTICAL PROPERTIES OF NONTRANSITION METALS G. P. Motulevich Introduction .**.* .**. 1 Chapter I. Method of the Kinetic Equation in Metal Optics.5 1. Kinetic equation for the infrared part of the spectrum *** * ** 5...

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Reviews

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