



Measurement Issues in Single Wall Carbon Nanotubes (Classic Reprint) (Hardback)

By Stephen Freiman

Forgotten Books, 2017. Hardback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****. Excerpt from Measurement Issues in Single Wall Carbon Nanotubes Raman Spectroscopy Resonant Raman Scattering in Carbon Nanotubes raman-active Modes in Carbon Nanotubes (rem, D, G and G) Radial breathing mode (rbm) The G band Second Order Raman Scattering, the D and G Modes (zone Boundary Phonons) Width of the Resonance Strength of the Raman Signal; Electron - Phonon Coupling Depolarization and Selection Rules Practical Considerations Measurement Setup Laser Power Heating Effects Material Inhomogeneity Appendix Illustration of Aggregation Effects Illustration of Heating Effects Measurements from One Individual Nanotube nano-slit Effect. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find more at This book is a reproduction of an important historical work. Forgotten Books uses state-of-the-art technology to digitally reconstruct the work, preserving the original format whilst repairing imperfections present in the aged copy. In rare cases, an imperfection in the original, such as a blemish or missing page, may be replicated in our edition. We do, however, repair the vast majority of imperfections successfully; any imperfections that remain are intentionally left to preserve the state of such...



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