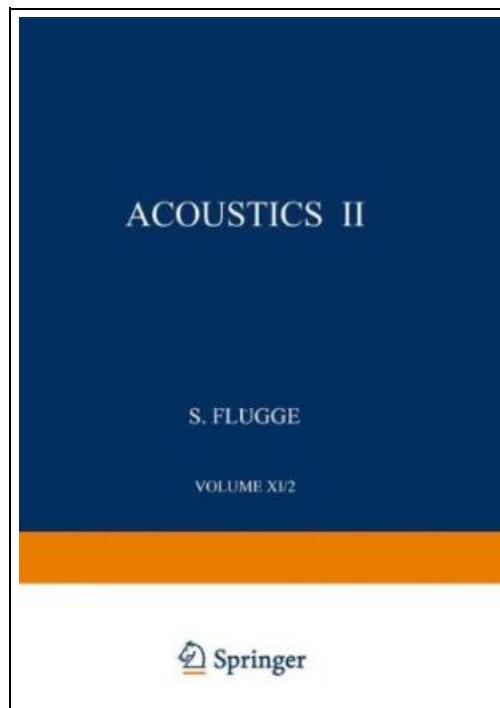


Akustik II / Acoustics II



Filesize: 6.12 MB

Reviews

A superior quality publication along with the font used was fascinating to learn. I have read through and i also am certain that i am going to going to go through yet again again in the future. Your life period will likely be enhance the instant you total reading this publication. (Donnie Rice)

AKUSTIK II / ACOUSTICS II

DOWNLOAD



Springer-Verlag GmbH Mai 2012, 2012. Taschenbuch. Book Condition: Neu. 244x170x20 mm. Neuware - Inhaltsangabe Generation and Measurement of Sound in Gases.- A. Generation of sound.- I. General ideas and definitions.- II. Direct-radiator loudspeakers.- III. Horn loudspeakers.- IV. Resonant bar source.- V. Air driven sources.- VI. Explosive sound sources.- B. Measurement of sound.- I. Pressure sensitive microphones.- II. Velocity sensitive instruments.- III. Temperature sensitive detectors.- IV. Calibration of microphones.- Generation, Detection and Measurement of Ultrasound.- I. Generation of ultrasound.- a) Transducers using electric power supply.- b) Transducers supplied by mechanical energy.- c) Generation of hypersound.- d) The radiated field.- II. Detection of ultrasound.- a) Mechanical effects.- b) Thermal effects.- c) Optical effects of ultrasound.- d) Visualization of the ultrasonic field.- III. Methods of measuring the propagation constants.- a) Continuous wave methods.- b) Non-stationary methods.- General references.- High Frequency Ultrasonic Stress Waves in Solids.- I. Stress waves.- II. Scattering.- III. Thermoelastic effects.- IV. Dislocation damping.- V. Stress wave interaction with conduction electrons in metals.- VI. Magneto-elastic interactions.- VII. Stress wave interaction with thermal elastic waves. Phonon-phonon interaction.- VIII. Stress wave interaction with nuclear spin systems.- IX. The effect of ultrasonic stress waves on electron paramagnetic resonance in solids.- X. Stress waves and electrical phenomena in piezoelectric crystals.- XI. Acoustoelectric effect.- References.- The Effects of Intense Ultrasonics in Liquids.- 1. Introduction.- 2. Cavitation and de-gassing.- 3. Signs of cavitation.- 4. Cinematography of bubbles.- 5. Cavitation noises.- 6. Theoretical analysis of cavitation.- 7. Cavitation thresholds.- 8. Nuclei.- 9. Erosion.- 10. Dispersion and emulsification.- 11. Luminescence.- 12. Chemical effects.- 13. Effects in polymers.- 14. Effects in metals.- Addendum.- Sachverzeichnis (Deutsch-Englisch).- Subject Index (English-German). 308 pp. Englisch.



[Read Akustik II / Acoustics II Online](#)



[Download PDF Akustik II / Acoustics II](#)

Other Books



Psychologisches Testverfahren

Reference Series Books LLC Nov 2011, 2011. Taschenbuch. Book Condition: Neu. 249x191x7 mm. This item is printed on demand - Print on Demand Neuware - Quelle: Wikipedia. Seiten: 100. Kapitel: Myers-Briggs-Typindikator, Keirsey Temperament Sorter, DISG,...

[Read Book](#)

»



Programming in D

Ali Cehreli Dez 2015, 2015. Buch. Book Condition: Neu. 264x182x53 mm. This item is printed on demand - Print on Demand Neuware - The main aim of this book is to teach D to readers...

[Read Book](#)

»



Words and Rhymes for Kids: A Fun Teaching Tool for High Frequency Words and Word Families

AUTHORHOUSE, United States, 2009. Paperback. Book Condition: New. 279 x 211 mm. Language: English . Brand New Book ***** Print on Demand *****.This book is designed to make learning fun for children in kindergarten through...

[Read Book](#)

»



Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can usually...

[Read Book](#)

»



Frances Hodgson Burnett's a Little Princess

Penguin Young Readers Group. Paperback / softback. Book Condition: new. BRAND NEW, Frances Hodgson Burnett's a Little Princess, Deborah Hautzig, N/A, Natalie Carabetta, The All Aboard Reading series features stories that capture beginning readers' imagination...

[Read Book](#)

»