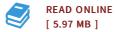


Acoustic Particle Velocity Measurements Using Lasers: Principles, Signal Processing and Applications (Hardback)

By Jean-Christophe Valiere

ISTE Ltd and John Wiley Sons Inc, United Kingdom, 2014. Hardback. Condition: New. New. Language: English . Brand New Book. This book concerns the presentation of particle velocity measurement for acoustics using lasers, including Laser Doppler Velocimetry (LDV or Anemometry (LDA)) and Particle Imagery Velocimetry (PIV). The objective is first to present the importance of measuring the acoustic velocity, especially when the acoustic equations are nonlinear as well as characterizing the near fields. However, these applications need to use non-invasive sensors. Some optical techniques, initially developed for fluid mechanics, have been adapted to the field of acoustics in recent years. This book summarizes 15 years of research in this area, highlighting the improvements that have been made, particularly in signal processing, and showing applications for which they have proven to be a carrier of innovation.



Reviews

This publication is worth getting. This is certainly for those who statte that there was not a well worth studying. Its been written in an exceptionally simple way in fact it is only after i finished reading through this ebook in which in fact transformed me, modify the way i believe.
-- Mr. Hester Prohaska DVM

Definitely one of the better ebook I have possibly read through. It usually will not charge excessive. You wont feel monotony at anytime of your own time (that's what catalogues are for regarding if you check with me). -- Prof. Jean Dare