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Accuracy (trueness and Precision) of Measurement Methods and Results. Alternative Methods for the Determination of the Precision of a Standard Measurement Method Accuracy (trueness and precision) of measurement methods and results : part 5 : alternative methods for the determination of the precision of a standard measurement method The Quality of Measurements Accuracy (trueness and precision) of measurement methods and results : part 4 : basic methods for the determination of the trueness of a standard measurement method Flow Measurement Methods and Applications Measurement Uncertainty Compendium of Thermophysical Property Measurement Methods: Recommended measurement techniques and practices Evaluating Measurement Accuracy Hole-Drilling Method for Measuring Residual Stresses Experimental Methods for Engineers Measurement in Health Behavior Evaluating Measurement Accuracy Mechanical Measurements Evaluating Measurement Accuracy Compendium of Thermophysical Property Measurement Methods Two-measurement Methods for Working-level Determinations of Radon Daughters Advances in Environmental Measurement Methods for Asbestos Two-measurement Methods for Working-level Determination of Radon Daughters, a Theoretical Study Water Vapor Measurement Optimal Measurement Methods for Distributed Parameter System Identification Practical Density Measurement and Hydrometry Optimal Measurement Methods for Distributed Parameter System Identification Measurement Methods for the Semiconductor Device Industry - a Summary of NBS Activity Field Measurement Methods for Arsenic in Drinking Water China Standard: GB 18285-2005 Limits and measurement methods for exhaust pollutants from vehicles equipped ignition engine under two-speed idle conditions and simple driving mode conditions How to Measure Anything Principles of Physiological Measurement Measurement Requirements and Methods for Geothermal Reservoir System Parameters (an Appraisal) Methods-time Measurement Imaging Measurement Methods for Flow Analysis Engineering Measurements Magnetic Measurement Techniques for Materials Characterization Adhesion Measurement Methods Optical Measurement Methods in Biomechanics Mechanical Variables Measurement Compendium of Thermophysical Property Measurement Methods Quantitative Comparison of in Situ Soil CO2 Flux Measurement Methods Handbook of Measurement in Science and Engineering, Volume 1 Comparing Clinical Measurement Methods Regression Models for the Comparison of Measurement Methods

Accuracy (trueness and Precision) of Measurement Methods and Results. Alternative Methods for the Determination of the Precision of a Standard Measurement Method

1998-10

this monograph and translation from the russian describes in detail and comments on the fundamentals of metrology the basic concepts of metrology the principles of the international system of units si the theory of measurement uncertainty the new methodology of estimation of measurement accuracy on the basis of the uncertainty concept as well as the methods for processing measurement results and estimating their uncertainty are discussed from the modern position it is shown that the uncertainty concept is compatible with the classical theory of accuracy the theory of random uncertainties is supplemented with their most general description on the basis of generalized normal distribution the instrumental systematic errors are presented in connection with the methodology of normalization of the metrological characteristics of measuring instruments the information about modern systems of traceability is given all discussed theoretical principles and calculation methods are illustrated with examples

Accuracy (trueness and precision) of measurement methods and results : part 5 : alternative methods for the determination of the precision of a standard measurement method

1994

a practical guide to cutting edge techniques for flow measurement and control unlike any other book on the subject this volume employs practical applications to illustrate flow measurement techniques in industrial processes drawing on their work at the oak ridge national laboratory five leading researchers present applications that test the limits of commercial flow instrumentation in harsh environments wide rangeability and a host of challenging situations encountered in research and industry this approach gives the reader highly effective tools for use in tackling a broad range of difficult flow measurement problems it offers tremendous insight into what flow measurement is all about from the underlying principles of the methodologies to state of the art instrumentation including such innovations as smart flow sensors introducing terminology properties units and flow meters classification the book details signal conditioning and analysis techniques that will produce meaningful results offers tips on selecting the appropriate method for a given application shows how modeling can improve mass flow metering accuracy covers flow calibration and standards as well as issues related to cost maintenance and ease of use of instruments addresses the effect of measurement uncertainty on calibration and field measurements clear concise and generously illustrated flow measurement methods and applications is an invaluable resource for researchers and graduate students in physics mechanical engineering chemical engineering and instrument engineering it is a must have reference for anyone wishing to assess flow processes accurately and reliably in the real world

The Quality of Measurements

2011-11-23

literally an entire course between two covers measurement uncertainty methods and applications fourth edition presents engineering students with a comprehensive tutorial of measurement uncertainty methods in a logically categorized and readily utilized format the new uncertainty technologies embodied in both u s and international standards have been incorporated into this text with a view toward understanding the strengths and weaknesses of both the book is designed to also serve as a practical desk reference in situations that commonly confront an experimenter the text presents the basics of the measurement uncertainty model non symmetrical systematic standard uncertainties random standard uncertainties the use of correlation curve fitting problems and probability plotting combining results from different test methods calibration

errors and uncertainty propagation for both independent and dependent error sources the author draws on years of experience in industry to direct special attention to the problem of developing confidence in uncertainty analysis results and using measurement uncertainty to select instrumentation systems

Accuracy (trueness and precision) of measurement methods and results : part 4 : basic methods for the determination of the trueness of a standard measurement method

1994

the first volume of this two volume reference survey of measurement techniques was published in 1984 and provided an exhaustive compilation of methods for the measurement of thermal and electrical conductivity thermal difusivity specific heat thermal expansion and thermal radiative properties o

Flow Measurement Methods and Applications

1999-02-02

evaluating measurement accuracy 2nd edition is intended for those who are concerned with measurements in any field of science or technology it reflects the latest developments in metrology and offers new results but is designed to be accessible to readers at different levels scientists who advance the field of metrology engineers and experimental scientists who use measurements as tool in their professions students and graduate students in natural sciences and engineering and in parts describing practical recommendations technicians performing mass measurements in industry quality control and trade this book presents material from the practical perspective and offers solutions and recommendations for problems that arise in conducting real life measurements this new edition adds a method for estimating accuracy of indirect measurements with independent arguments whose development dr rabinovich was able to complete very recently this method which is called the method of enumeration produces estimates that are no longer approximate similar to the way the method of reduction described in the first edition removed approximation in estimating uncertainty of indirect measurements with dependent arguments the method of enumeration completes addressing the range of problems whose solutions signify the emergence of the new theory of accuracy of measurements a new method is added for building a composition of histograms and this method forms a theoretical basis for the method of enumeration additionally as a companion to this book a concise practical guide that assembles simple step by step procedures for typical tasks the practitioners are likely to encounter in measurement accuracy estimation is available at springerlink

Measurement Uncertainty

2007

this book describes the theory and practice of the hole drilling method for measuring residual stresses in engineering components such measurements are important because residual stresses have a hidden character because they exist locked in within a material independent of any external load these stresses are typically created during component manufacture for example during welding casting or forming because of their hidden nature residual stresses are difficult to measure and consequently are often ignored however they directly add to loading stresses and can cause catastrophic failure if not properly included during engineering design thus there is an urgent need to be able to identify and measure residual stresses conveniently and reliably the hole drilling method provides an adaptable and well proven method for measuring

residual stresses in a wide range of materials and component types it is convenient to use and gives reliable results because of the hidden nature of residual stresses the measurement method must necessarily be indirect thus additional care and conceptual understanding are necessary to achieve successful results this book provides a practical introduction to the hole drilling method starting from its historical roots and going on to focus on its modern practice the various chapters describe the nature of residual stresses the principle of hole drilling measurements procedures and guidance on how to make successful measurements and effective mathematical procedures for stress computation and analysis the book is intended for practitioners who need to make residual stress measurements either occasionally or routinely for practicing engineers for researchers and for graduate engineering and science students

Compendium of Thermophysical Property Measurement Methods: Recommended measurement techniques and practices

1984

measurement in health behavior offers faculty students researchers and public health professionals the information they need to improve their knowledge of instrument development and testing and their understanding of reliability and validity testing discussed in articles and reports the book also helps improve students and professionals ability to conduct basic tests for reliability and validity and hones their skills in interpreting the results of data analysis based on data collected from the author s more than ten years of research and program development measurement in health behavior provides realistic examples from the public health arena to clearly demonstrate the book s concepts

Evaluating Measurement Accuracy

2013-07-03

evaluating measurement accuracy is intended for anyone who is concerned with measurements in any field of science or technology it reflects the latest developments in metrology and offers new results but is designed to be accessible to readers at different levels meteorologists engineers and experimental scientists who use measurements as tools in their professions graduate and undergraduate students in the natural sciences and engineering and technicians performing complex measurements in industry quality control and trade the material of the book is presented from the practical perspective and offers solutions and recommendations for problems that arise in conducting real life measurements this inclusion is a notable and unique aspect of this title as complex measurements done in industry and trade are often neglected in metrological literature leaving the practitioners of these measurements to devise their own ad hoc techniques

Hole-Drilling Method for Measuring Residual Stresses

2022-05-31

methods and techniques of measurements are becoming increasingly important in engineering in recent years laboratory programmes have been modernized sophisticated electronic instrumentation has been incorporated into the programme and newer techniques have been developed this book dwells on the physical aspects of measurement techniques for the measurement to be meaningful the nature and magnitude of error should be known the book thus begins with error analysis and applications of statistical principles to attain a measurement value as near the true value as possible the methods of measuring mechanical quantities are discussed subsequently overing both the basic and derived quantities effort has been made to present the subject in s i units some of the recent developments such as laser doppler techniques holography have also been included the coverage is such that the book will be useful both of graduate and post graduate students and will also serve as a constant reference for researchers

Experimental Methods for Engineers

1966

this book presents a systematic and comprehensive exposition of the theory of measurement accuracy and provides solutions that fill significant and long standing gaps in the classical theory it eliminates the shortcomings of the classical theory by including methods for estimating accuracy of single measurements the most common type of measurement the book also develops methods of reduction and enumeration for indirect measurements which do not require taylor series and produce a precise solution to this problem it produces grounded methods and recommendations for summation of errors the monograph also analyzes and critiques two foundation metrological documents the international vocabulary of metrology vim and the guide to the expression of uncertainty in measurement gum and discusses directions for their revision this new edition adds a step by step guide on how to evaluate measurement accuracy and recommendations on how to calculate systematic error of multiple measurements there is also an extended section on the method of reduction which provides an alternative to the least square method and the method of enumeration many sections are also rewritten to improve the structure and usability of the material the 3rd edition reflects the latest developments in metrology and offers new results and it is designed to be accessible to readers at various levels and positions including scientists engineers and undergraduate and graduate students by presenting material from a practical perspective and offering solutions and recommendations for problems that arise in conducting real life measurements author semyon rabinovich offers an invaluable resource for scientists in any field

Measurement in Health Behavior

2006-03-06

the need for reliable data on thermophysical and thermal optical properties of solid materials grows continually and increasingly existing property data except for selected pure elements and for some simple alloys and compounds are often not reliable so in many cases the need for correct and acceptably accurate information can only be met through the measurement of a given property the measurement that is the selection of the measurement method building or purchase of the apparatus and the measurement procedure itself carries many hidden hazards because methods and their variants are numerous and not appropriate for all materials and temperature ranges and have many subtle sources of systematic errors known only to those who have thoroughly studied them the need for a concise yet complete reference work describing thermo physical and thermal optical property measurement techniques and ultimately reliable and detailed directions for property measurement discussed at the sixth european thermophysical properties conference in dubrovnik yugoslavia in 1978 led its international organizing committee to launch an international cooperative project with these objectives this reference work the compendium of thermophysical property measurement methods is the result of the first phase of work on this program it is a summary of the state of the art methods for the measurement of thermal and electrical conductivity thermal diffusivity specific heat thermal expansion and thermal radiative properties of solid materials from room temperature to very high temperatures

Evaluating Measurement Accuracy

2009-12-21

this comprehensive new volume focuses on the latest research advances in measurement methods monitoring strategies data interpretation and quality assurance for asbestos in bulk building materials as well as ambient indoor and workplace air water and settled dust ed

Mechanical Measurements

1991

offering all aspects of humidity measurement and instrumentation this work includes rudiments and theory common applications advantages and limitations of frequently used sensors and techniques and guidelines for installation maintenance and calibration the disk is intended for easy conversions of humidity parameters and units

Evaluating Measurement Accuracy

2017-09-15

for dynamic distributed systems modeled by partial differential equations existing methods of sensor location in parameter estimation experiments are either limited to one dimensional spatial domains or require large investments in software systems with the expense of scanning and moving sensors optimal placement presents a critical problem

Compendium of Thermophysical Property Measurement Methods

2013-01-14

the introduction of the iso 9000 quality standard resulted in renewed interest and pressure on industry to strengthen their quality and metrology standards to meet this renewed interest practical density measurement and hydrometry provides invaluable contemporary information on mass metrology the book highlights the principles of physics involved and the technology needed to accurately measure the density of solids and liquids to high precision to meet the increasing demands on the metrology industry starting with national and international density standards the book proceeds to discuss the variety of methods used to accurately measure solid and liquid density to compare and contrast these techniques and to thoroughly explain the thermal dilation of liquids it also examines interferometers used in dimensional measurements of solid based density standards corrections applicable due to finite aperture phase change due to reflection and ringing and special methods for density determination the final chapters detail specific points of relevance to density measurements and hydrometry for materials commonly used in industry complimented with practical guidance on applying these measurement techniques calibration procedures and data tables this book is an essential reference for metrologists and a valuable introduction for graduate students

Two-measurement Methods for Working-level Determinations of Radon Daughters

1979

for dynamic distributed systems modeled by partial differential equations existing methods of sensor location in parameter estimation experiments are either limited to one dimensional spatial domains or require large investments in software systems with the expense of scanning and moving sensors optimal placement presents a critical problem optimal measurement methods for distributed parameter system identification discusses the characteristic features of the sensor placement problem analyzes classical and recent approaches and proposes a wide range of original solutions culminating in the most comprehensive and timely treatment of the issue available by presenting a step by step guide to theoretical aspects and to practical design methods this book provides a sound understanding of sensor location techniques both researchers and

practitioners will find the case studies the proposed algorithms and the numerical examples to be invaluable this text also offers results that translate easily to matlab and to maple assuming only a basic familiarity with partial differential equations vector spaces and probability and statistics and avoiding too many technicalities this is a superb resource for researchers and practitioners in the fields of applied mathematics electrical civil geotechnical mechanical chemical and environmental engineering

Advances in Environmental Measurement Methods for Asbestos

1999

with the lowering of the arsenic levels by the epa smaller utilities face a challenge to efficiently and cost effectively monitor arsenic concentration this project sought to develop a fast safe easy to use and relatively inexpensive field method for that purpose as existing and newly introduced kits were found lacking in various ways the new field method developed by this project is based on a standard hydride generation protocol while field testing did not prove as accurate as laboratory tests it still has some value discussed are the arsine gas detector modification potential methods to provide automated on line monitoring and utilization for arsenic removal

Two-measurement Methods for Working-level Determination of Radon Daughters, a Theoretical Study

1980

this standard specifies the limits and measurement methods for exhaust pollutants from vehicles equipped with ignition engines under the idle conditions and high idle conditions this standard also specifies the measurement methods for light duty vehicles equipped with ignition engines under three simple driving mode conditions namely accumulation simulation mode conditions transient driving mode conditions and simple transient driving mode conditions this standard is applicable to the newly produced and in use vehicles equipped with the ignition engines

Water Vapor Measurement

2012-01-25

now updated with new research and even more intuitive explanations a demystifying explanation of how managers can inform themselves to make less risky more profitable business decisions this insightful and eloquent book will show you how to measure those things in your own business that until now you may have considered immeasurable including customer satisfaction organizational flexibility technology risk and technology roi adds even more intuitive explanations of powerful measurement methods and shows how they can be applied to areas such as risk management and customer satisfaction continues to boldly assert that any perception of immeasurability is based on certain popular misconceptions about measurement and measurement methods shows the common reasoning for calling something immeasurable and sets out to correct those ideas offers practical methods for measuring a variety of intangibles adds recent research especially in regards to methods that seem like measurement but are in fact a kind of placebo effect for management and explains how to tell effective methods from management mythology written by recognized expert douglas hubbard creator of applied information economics how to measure anything second edition illustrates how the author has used his approach across various industries and how any problem no matter how difficult ill defined or uncertain can lend itself to measurement using proven methods

Optimal Measurement Methods for Distributed Parameter System Identification

2004-08-27

principles of physiological measurement examines the basic principles underlying the techniques and instruments used in making measurements including tracer methods and compartmental analysis it describes measurements of oxygen carbon dioxide ph ammonia and miscellaneous gases such as hydrogen and nitrogen the book also describes the general concepts of electrical transduction amplification and recording organized into 15 chapters this volume begins with an overview of some fundamental concepts of measurement including basic gas and solution concepts electronics relevant to measurement methods and error in designing experiments some chapters are dedicated to the measurement of oxygen in gases and in aqueous solutions partial pressure measurement of carbon dioxide in liquids measurement of intracellular ph and measurement of ammonia in gases and in solutions other chapters discuss the blood gas measurement problems of controlling the gaseous environment and basic principles of flow velocity force displacement and pressure along with common methods for their measurement the final chapters deal with ions and solutions radioisotope concepts and techniques and tracer kinetics this book will be of interest to natural scientists and students in physiology courses

Practical Density Measurement and Hydrometry

2002-07-21

in 2003 the german research foundation established a new priority programme on the subject of imaging measurement methods for flow analysis spp 1147 this research programme was based on the fact that experimental ow analysis in addition to theory and numerics has always played a predominant part both in ow research and in other areas of industrial practice at the time however c parisons with numerical tools such as computational fluid dynamics which were increasingly used in research and practical applications soon made it clear that there are relatively few experimental procedures which can keep up with state of the art numerical methods in respect of their informative value e g with regard to visu spatial analysis or the dynamics of ow elds the priority programme imaging measurement methods for flow analysis was to help close this development gap hence the project was to focus on the investigation of ef cient measurement me ods to analyse complex spatial ow elds speci c cooperations with computer sciences and especially measurement physics were to advance ow measurement techniques to a widely renowned key technology exceeding the classical elds of uid mechanics by a long chalk

Optimal Measurement Methods for Distributed Parameter System Identification

2004-08-27

in a treatment less theoretical and specialized than most two uk machine engineering consultants provide insights into the equipment and methods commonly used in taking measurements and ways for engineers to avoid or at least minimize inaccuracies inherent to even highly accurate instruments coverage spans such topics as the human element including learning from the unexpected fluid flow measurement electrical measurements and instrumentation measuring properties of materials and computers includes definitions of instrument terms distributed in the us by asme annotation copyrighted by book news inc portland or

Measurement Methods for the Semiconductor Device Industry - a Summary of NBS Activity

1969

this book discusses the most commonly used techniques for characterizing magnetic material properties and their applications it provides a comprehensive and easily digestible collection and review of magnetic measurement techniques it also examines the underlying operating principles and techniques of magnetic measurements and presents current examples where such measurements and properties are relevant given the pervasive nature of magnetic materials in everyday life this book is a vital resource for both professionals and students wishing to deepen their understanding of the subject

Field Measurement Methods for Arsenic in Drinking Water

2004

adhesion measurement methods theory and practice provides practical information on the most important measurement techniques their unique advantages and disadvantages and the selection of the proper method for a given application it includes useful information and formulae on adhesion related matters such as driving force formulae for various m

China Standard: GB 18285-2005 Limits and measurement methods for exhaust pollutants from vehicles equipped ignition engine under two-speed idle conditions and simple driving mode conditions

2020-10-14

this book has been written to provide research workers with an introd tion to several optical techniques for new applications it is intended to be comprehensible to people from a wide range of backgrounds no prior optical or physics knowledge has been assumed however sufficient technical details have been included to enable the reader to understand the basics of the techniques and to be able to read further from the ref ences if necessary the book should be as useful to postgraduate students and experienced researchers as those entering the bioengineering field irrespective of whether they have a technical or clinical background it has been prepared with an awareness of the inherent difficulties in und standing aspects of optics which in the past have precluded practical application the contents address a broad range of optical measurement techniques which have been used in biomechanics techniques characterized as n contacting and non destructive theoretical outlines and practical advice on gaining entry to the fields of expertise are complemented by biomec nical case studies and key literature references the aim is to present each technique to appraise its advantages and capabilities and thereby to allow informed selection of an appropriate method for a particular app cation it is anticipated that research workers will be assisted in est lishing new methodologies and gain first hand experience of the techniques

How to Measure Anything

2010-03-25

accuracy in the laboratory setting is key to maintaining the integrity of scientific research inaccurate measurements create false and non reproducible results rendering an experiment or series of experiments invalid and wasting both time and money this handy guide to solid fluid and thermal measurement helps minimize this pitfall through careful detailing of measurement techniques concise yet thorough mechanical

variables measurement solid fluid and thermal describes the use of instruments and methods for practical measurements required in engineering physics chemistry and the life sciences organized according to measurement problem the entries are easy to access the articles provide equations to assist engineers and scientists who seek to discover applications and solve problems that arise in areas outside of their specialty sections include references to more specialized publications for advanced techniques as well it offers instruction for a range of measuring techniques basic through advanced that apply to a broad base of disciplines as an engineer scientist designer manager researcher or student you encounter the problem of measurement often and realize that doing it correctly is pivotal to the success of an experiment this is the first place to turn when deciding on performing and troubleshooting the measurement process mechanical variables measurement solid fluid and thermal leads the reader step by step through the straits of experimentation to triumph

Principles of Physiological Measurement

2012-12-02

building on the extensive coverage of the first volume volume 2 focuses on the fundamentals of measurements and computational techniques that will aid researchers in the construction and use of measurement devices

Measurement Requirements and Methods for Geothermal Reservoir System Parameters (an Appraisal)

1979

a multidisciplinary reference of engineering measurement tools techniques and applications volume 1 when you can measure what you are speaking about and express it in numbers you know something about it but when you cannot measure it when you cannot express it in numbers your knowledge is of a meager and unsatisfactory kind it may be the beginning of knowledge but you have scarcely in your thoughts advanced to the stage of science lord kelvin measurement falls at the heart of any engineering discipline and job function whether engineers are attempting to state requirements quantitatively and demonstrate compliance to track progress and predict results or to analyze costs and benefits they must use the right tools and techniques to produce meaningful useful data the handbook of measurement in science and engineering is the most comprehensive up to date reference set on engineering measurements beyond anything on the market today encyclopedic in scope volume 1 spans several disciplines civil and environmental engineering mechanical and biomedical engineering and industrial engineering and covers new measurement techniques in structural health monitoring traffic congestion management measurements in environmental engineering dimensions surfaces and their measurement luminescent method for pressure measurement vibration measurement temperature measurement force measurement heat transfer measurements for non boiling two phase flow solar energy measurements human movement measurements physiological flow measurements gis and computer mapping seismic testing of highway bridges hydrology measurements mobile source emissions testing mass properties measurement resistive strain measurement devices acoustics measurements pressure and velocity measurements heat flux measurement wind energy measurements flow measurement statistical quality control industrial energy efficiency industrial waste auditing vital for engineers scientists and technical managers in industry and government handbook of measurement in science and engineering will also prove ideal for members of major engineering associations and academics and researchers at universities and laboratories

Methods-time Measurement

1948

this book provides a practical guide to analysis of simple and complex method comparison data using stata sas and r it takes the classical limits of agreement as a starting point and presents it in a proper statistical framework the model serves as a reference for reporting sources of variation and for providing conversion equations and plots between methods for practical use including prediction uncertainty presents a modeling framework for analysis of data and reporting of results from comparing measurements from different clinical centers and or different methods provides the practical tools for analyzing method comparison studies along with guidance on what to report and how to plan comparison studies and advice on appropriate software illustrated throughout with computer examples in r supported by a supplementary website hosting an r package that performs the major part of the analyses needed in the area examples in sas and stata for the most common situations are also provided written by an acknowledged expert on the subject with a long standing experience as a biostatistician in a clinical environment and a track record of delivering training on the subject biostatisticians clinicians medical researchers and practitioners involved in research and analysis of measurement methods and laboratory investigations will benefit from this book students of statistics biostatistics and the chemical sciences will also find this book useful

Imaging Measurement Methods for Flow Analysis

2009-04-08

this book provides an updated account of the regression techniques employed in comparing analytical methods and to test the biases of one method relative to others a problem commonly found in fields like analytical chemistry biology engineering and medicine methods comparison involves a non standard regression problem when a method is to be tested in a laboratory it may be used on samples of suitable reference material but frequently it is used with other methods on a range of suitable materials whose concentration levels are not known precisely by presenting a sound statistical background not found in other books for the type of problem addressed this book complements and extends topics discussed in the current literature it highlights the applications of the presented techniques with the support of computer routines implemented using the r language with examples worked out step by step this book is a valuable resource for applied statisticians practitioners laboratory scientists geostatisticians process engineers geologists and graduate students

Engineering Measurements

1999-11-05

Magnetic Measurement Techniques for Materials Characterization

2021-09-28

Adhesion Measurement Methods

2005-11-21

Optical Measurement Methods in Biomechanics

1996-12-31

Mechanical Variables Measurement

2000

Compendium of Thermophysical Property Measurement Methods

1992-05-31

Quantitative Comparison of in Situ Soil CO2 Flux Measurement Methods

2002

Handbook of Measurement in Science and Engineering, Volume 1

2013-01-14

Comparing Clinical Measurement Methods

2011-06-24

Regression Models for the Comparison of Measurement Methods

2020-10-27

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