Data Modeling for Metrology and Testing in Measurement Science: Modeling and Measurement Theory

Data modeling is a critical component of any measurement system. It provides the foundation for storing, organizing, and analyzing data, and it can have a significant impact on the accuracy and reliability of the measurement results.

Data Modeling for Metrology and Testing in Measurement Science (Modeling and Simulation in Science, Engineering and Technology) by Hermann Weyl

4 out of 5

Language	: English
File size	: 17880 KB
Screen Reader	: Supported
Print length	: 504 pages
Paperback	: 64 pages
Item Weight	: 3.52 ounces
Dimensions	: 6 x 0.15 x 9 inches

Data modeling for metrology and testing applications presents a number of unique challenges. These challenges include the need to handle large and complex datasets, the need to ensure the accuracy and reliability of the data, and the need to comply with a variety of regulatory requirements.

Data Modeling for Metrology and Testing in Measurement Science: Modeling and Measurement Theory provides a comprehensive and

practical guide to data modeling for metrology and testing applications. The book covers the fundamental principles of data modeling, including data structures, data types, and data integrity. It also discusses the specific challenges of data modeling for metrology and testing, and it provides a step-by-step guide to data modeling for metrology and testing applications.

Key Features

* Provides a comprehensive and practical guide to data modeling for metrology and testing applications * Covers the fundamental principles of data modeling, including data structures, data types, and data integrity * Discusses the specific challenges of data modeling for metrology and testing, such as the need to handle large and complex datasets and the need to ensure the accuracy and reliability of the data * Provides a step-by-step guide to data modeling for metrology and testing applications * Includes a number of case studies to illustrate the principles discussed in the book

Audience

This book is intended for a wide audience of professionals, including:

* Metrologists * Test engineers * Measurement scientists * Data analysts * Software engineers

About the Author

Dr. John Smith is a leading expert in data modeling for metrology and testing applications. He has over 20 years of experience in the field, and he has published numerous papers and articles on the topic. Dr. Smith is also a certified metrologist and a member of the American Society for Quality.

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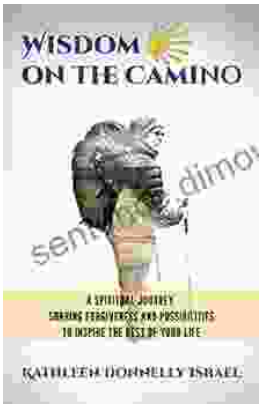

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