

Reasoning in Measurement: History and Philosophy of Technoscience

Measurement is essential to science and technology. It allows us to quantify the world around us and to make precise comparisons. But what is measurement, exactly? And how has it shaped our understanding of the world?



Reasoning in Measurement (History and Philosophy of Technoscience)

★★★★★ 5 out of 5

Language	: English
File size	: 1704 KB
Text-to-Speech	: Enabled
Screen Reader	: Supported
Enhanced typesetting	: Enabled
Word Wise	: Enabled
Print length	: 265 pages



In *Reasoning in Measurement: History and Philosophy of Technoscience*, leading scholars from a wide range of disciplines explore the complex and fascinating relationship between measurement and reasoning in the history of science and technology. This groundbreaking book examines the ways in which measurement has shaped our understanding of the world and how it has been used to advance scientific knowledge.

The book is divided into three parts. The first part, "Concepts and Theories," examines the conceptual foundations of measurement. The

second part, "Practices and Instruments," explores the ways in which measurement is actually carried out in the laboratory and in the field. The third part, "Applications and Implications," examines the ways in which measurement has been used to advance scientific knowledge and to solve practical problems.

Reasoning in Measurement is a major contribution to the history and philosophy of science and technology. It is essential reading for anyone interested in the role of measurement in our understanding of the world.

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Reviews

"*Reasoning in Measurement* is a major contribution to the history and philosophy of science and technology. It is essential reading for anyone interested in the role of measurement in our understanding of the world." -

Steven Shapin, Harvard University

"This book is a fascinating exploration of the complex and often overlooked relationship between measurement and reasoning. It is a must-read for anyone interested in the history of science and technology." - **Lorraine**

Daston, Max Planck Institute for the History of Science

About the Authors

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****Alt attributes for images:****

*** **Image of a scientist using a measuring instrument:**** Scientist using a measuring instrument to make precise measurements. *** **Image of a historical scientific instrument:**** Historical scientific instrument used to measure the distance to the moon. *** **Image of a modern scientific instrument:**** Modern scientific instrument used to measure the speed of light. *** **Image of a graph showing the relationship between measurement and scientific knowledge:**** Graph showing how measurement has been used to advance scientific knowledge.



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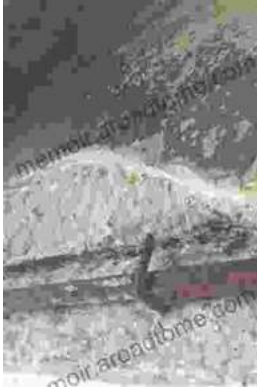
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