



# Measurement and Instrumentation, Second Edition: Theory and Application

*Alan S Morris, Reza Langari Ph.D.Mechanical Engineering University of California Berkeley 1991*

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Measurement and Instrumentation: Theory and Application, Second Edition, introduces undergraduate engineering students to measurement principles and the range of sensors and instruments used for measuring physical variables.

This updated edition provides new coverage of the latest developments in measurement technologies, including smart sensors, intelligent instruments, microsensors, digital recorders, displays, and interfaces, also featuring chapters on data acquisition and signal processing with LabVIEW from Dr. Reza Langari.

Written clearly and comprehensively, this text provides students and recently graduated engineers with the knowledge and tools to design and build measurement systems for virtually any engineering application.

- Provides early coverage of measurement system design to facilitate a better framework for understanding the importance of studying measurement and instrumentation
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