



The Mechanical Systems Design Handbook: Modeling, Measurement, and Control (Electrical Engineering Handbook)

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With a specific focus on the needs of the designers and engineers in industrial settings, The Mechanical Systems Design Handbook: Modeling, Measurement, and Control presents a practical overview of basic issues associated with design and control of mechanical systems. In four sections, each edited by a renowned expert, this book answers diverse questions fundamental to the successful design and implementation of mechanical systems in a variety of applications.

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Vibration Control explores a range of topics related to active vibration control, including piezoelectric networks, the boundary control method, and semi-active suspension systems.

Aerospace Systems presents a detailed analysis of the mechanics and dynamics of tensegrity structures

Robotics offers encyclopedic coverage of the control and design of robotic systems, including kinematics, dynamics, soft-computing techniques, and teleoperation.

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