



Mechanical Engineers' Handbook, Volume 2: Instrumentation, Systems, Controls, and MEMS

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Book 2: Instrumentation, Systems, Controls, and MEMS is comprised of two major parts, conveniently put together because feedback control systems require measurement transducers. The first part covers instrumentation, including transducer design, strain gages, flow meters, digital integrated circuits, and issues involved in processing transducer signals and acquiring and displaying data. The second part addresses systems and control, including:

- * Control system design, analysis, and performance modification
- * Design of servoactuators, controllers, and general-purpose control devices
- * "New departures" in mechanical engineering, including neural networks, mechatronics, and MEMS

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Editorial Review

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About the Author

MYER KUTZ is founder and President of Myer Kutz Associates, Inc., a publishing and information services consulting firm.

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