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Autore	Luecke Gerald
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Sommario/riassunto

Today's control system designers face an ever-increasing "need for speed? and accuracy in their system measurements and computations. New design approaches using microcontrollers and DSP are emerging, and designers must understand these new approaches, the tools available, and how best to apply them.This practical text covers the latest techniques in microcontroller-based control system design, making use of the popular MSP430 microcontroller from Texas Instruments.The book covers all the circuits of the system, including: ·Sensors and their output signals·Design and app