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and Multi-path Errors; 2.5.2 Advanced Chopping Techniques; 2.5.3 Autocalibration; 2.5.4 Dynamic Amplification
2.5.5 Dynamic Division and Other Dynamic Signal-processing
Techniques2.6 A Universal Transducer Interface; 2.6.1 Description of
the Interface Chip and the Applied Measurement Techniques; 2.6.2
Realization and Experimental Results; 2.7 Summary and Future Trends;
2.7.1 Summary; 2.7.2 Future Trends; Problems; References; 3 Silicon
Sensors: An Introduction; 3.1 Introduction; 3.2 Measurement and
Control Systems; 3.3 Transducers; 3.3.1 Form of Signal-carrying
Energy; 3.3.2 Signal Conversion in Transducers; 3.3.3 Smart Silicon
Sensors; 3.3.4 Self-generating and Modulating Transducers
3.4 Transducer Technologies3.4.1 Introduction; 3.4.2 Generic
Nonsilicon Technologies; 3.4.3 Silicon; 3.5 Examples of Silicon Sensors;
3.5.1 Radiation Domain; 3.5.2 Mechanical Domain; 3.5.3 Thermal
Domain; 3.5.4 Magnetic Domain; 3.5.5 Chemical Domain; 3.6 Summary
and Future Trends; 3.6.1 Summary; 3.6.2 Future Trends; References; 4
Optical Sensors Based on Photon Detection; 4.1 Introduction; 4.2
Photon Absorption in Silicon; 4.3 The Interface: Photon Transmission
Into Silicon; 4.4 Photon Detection in Silicon Photoconductors; 4.4.1
Photoconductors in Silicon: Operation and Static Performance
4.4.2 Photoconductors in Silicon: Dynamic Performance4.5 Photon
Detection in Silicon pn Junctions; 4.5.1 Defining the Depletion Layer at
a pn Junction; 4.5.2 Electron-hole Collection in the Depletion Layer;
4.5.3 Electron-hole Collection in the Substrate; 4.5.4 Electron-hole
Collection Close to the Surface; 4.5.5 Backside-illuminated Pin
Photodiode; 4.5.6 Electron-hole Collection in Two Stacked pn
Junctions; 4.6 Detection Limit; 4.6.1 Noise in the Optical Signal; 4.6.2
Photon Detector Noise; 4.6.3 Photon Detector Readout; 4.7 Photon
Detectors with Gain; 4.7.1 The Phototransistor
4.7.2 The Avalanche Photodiode

Sommario/riassunto

Information processing systems need sensors to acquire the physical, mechanical and chemical information to be able to function. For extended use of sensors in industrial production tools and consumer components, such as smart cars and smart homes, the reliability of the sensors should be improved and the cost dramatically reduced. The improvement of reliability, together with a reduction of cost, can only be achieved with smart sensor systems. These systems combine the functions of sensors and interfaces, including sensors, signal conditioning A-D (analog to digital) conversion, and bus int
