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   Soggetti   Middleware
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   Nota di contenuto   Preface -- Introduction -- Basic Concepts -- SmartSensor - An
                        infrastructure for the Web of Things -- The Sensor Integration Module
                        (SIM) -- Smart Sensor Programming and Execution Module – PEM --
                        Smart Sensor Proof of Concept -- Final Remarks.

   Sommario/riassunto   After a brief introduction and contextualization on the Internet of
                        Things (IoT) and Web of Things (WoT) paradigms, this timely new book
                        describes one of the first research initiatives aimed at tackling the
                        several challenges involved in building a middleware-layer
                        infrastructure capable of realizing the WoT vision: the SmartSensor
                        infrastructure. It is based on current standardization efforts and
                        designed to manage a specific type of physical devices, those
                        organized to shape a Wireless Sensor Network (WSN), where sensors
                        work collaboratively, extracting data and transmitting it to external
                        networks to be further analysed and processed. Middleware Solutions
                        for the Internet of Things describes this infrastructure and its RESTful-
                        based programming model that allows developers create applications
                        without having specific knowledge about physical devices or
                        networking environments. It is also shown, step by step, how to create
                        a Web Mashup application using SmartSensor.