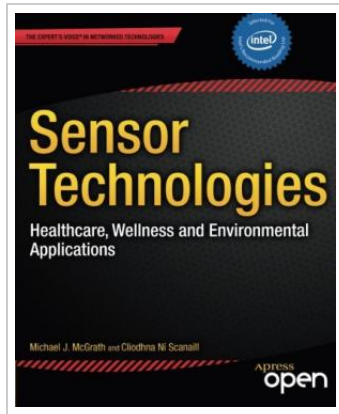



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Sensor Technologies: Healthcare, Wellness and Environmental Applications

By Michael McGrath

Apress. Paperback. Condition: New. 425 pages. This book will discuss the key aspects of sensor technologies, covering wired, wireless, and discrete sensors for the specific application domains of healthcare, wellness and environmental sensing. It references the social, regulatory, and design considerations; specific to these domains. The book will provide an application-based approach using real world examples to illustrate the application of sensor technologies in a practical and experiential manner. The book will guide the reader from the formulation of the research question, through the design and validation process to the deployment and management phase of a sensor application. The processes and examples used in the book will be primarily based on research carried out by Intel or by joint academic research programs. What you'll learn The book describes the relevant sensing approaches and the hardware and software components required to capture and interpret sensor data. Regulations govern medical devices. A design methodology for developing and deploying successful home and community-based technologies will be described and supported by relevant case studies. Health, wellness and environmental sensing applications will be reviewed The challenges and future directions of sensing in these domains. Who this book is for The book is targeted at clinical and...



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