

1. Record Nr.	UNINA9910780925703321
Autore	Dishongh Terrance J.
Titolo	Wireless sensor networks for healthcare applications / / Terrance J. Dishongh, Michael McGrath
Pubbl/distr/stampa	Boston : , : Artech House, , ©2010 [Piscataway, New Jersey] : , : IEEE Xplore, , [2009]
ISBN	1-59693-306-2
Descrizione fisica	1 online resource (258 p.)
Altri autori (Persone)	McGrathMichael, Ph.D.
Disciplina	610.28
Soggetti	Medical care - Data processing Telecommunication in medicine Wireless sensor networks - Design and construction
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Healthcare and the wireless sensor network -- Sensor network technologies -- Informing your design -- Technology selection -- Data collection and decision making -- Deploying in the field -- Clinical deployments of wireless sensor networks: gait -- Contextual awareness medication prompting field trials in homes -- Case study: social health -- Future of wireless sensor networks for healthcare.
Sommario/riassunto	"Unlike other books on wireless sensors networks, this unique reference focuses on methods of application, validation and testing based on real deployments of sensor networks in the clinical and home environments. Key topics include healthcare and wireless sensors, sensor network applications, designs of experiments using sensors, data collection and decision making, clinical deployment of wireless sensor networks, contextual awareness medication prompting field trials in homes, social health monitoring, and the future of wireless sensor networks in healthcare."--Publisher description.