1.	Record Nr.	UNINA9910299676903321
	Autore	Suryadevara Nagender Kumar
	Titolo	Smart Homes : Design, Implementation and Issues / / by Nagender Kumar Suryadevara, Subhas Chandra Mukhopadhyay
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
	ISBN	3-319-13557-0
	Edizione	[1st ed. 2015.]
	Descrizione fisica	1 online resource (184 p.)
	Collana	Smart Sensors, Measurement and Instrumentation, , 2194-8402 ; ; 14
	Disciplina	004.68
	Soggetti	Computational intelligence
		Signal processing
		Image processing
		Speech processing systems
		Artificial intelligence
		Electronics
		Microelectronics
		Geriatrics
		Computational Intelligence
		Signal, Image and Speech Processing
		Artificial Intelligence
		Electronics and Microelectronics, Instrumentation
		Geriatrics/Gerontology
	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.
	Nota di contenuto	Introduction -- Smart Home related Research -- Design and Deployment of WSN in a Home Environment and Real-Time Data Fusion -- ADLs Recognition of an Elderly person and Wellness Determination -- Forecasting the Behaviour of an Elderly Person Using WSN Data -- Sensor Activity Pattern (SAP) Matching Process and Outlier Detection -- Conclusion and Future Works.
	Sommario/riassunto	The book addresses issues towards the design and development of Wireless Sensor Network based Smart Home and fusion of Real-Time Data for Wellness Determination of an elderly person living alone in a

Smart Home. The fundamentals of selection of sensor, fusion of sensor data, system design, modelling, characterizations, experimental investigations and analyses have been covered. This book will be extremely useful for the engineers and researchers especially higher undergraduate, postgraduate students as well as practitioners working on the development of Wireless Sensor Networks, Internet of Things and Data Mining.