

1. Record Nr.	UNINA9910484373603321
Autore	Ahad Md Atiqur Rahman
Titolo	IoT Sensor-Based Activity Recognition : Human Activity Recognition // by Md Atiqur Rahman Ahad, Anindya Das Antar, Masud Ahmed
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2021
ISBN	3-030-51379-3
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (214 pages) : illustrations
Collana	Intelligent Systems Reference Library, , 1868-4394 ; ; 173
Disciplina	006.3
Soggetti	Engineering—Data processing Computer engineering Internet of things Embedded computer systems Computational intelligence Signal processing Image processing Speech processing systems User interfaces (Computer systems) Data Engineering Cyber-physical systems, IoT Computational Intelligence Signal, Image and Speech Processing User Interfaces and Human Computer Interaction
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This book offer clear descriptions of the basic structure for the recognition and classification of human activities using different types of sensor module and smart devices in e.g. healthcare, education, monitoring the elderly, daily human behavior, and fitness monitoring. In addition, the complexities, challenges, and design issues involved in data collection, processing, and other fundamental stages along with datasets, methods, etc., are discussed in detail. The book offers a

valuable resource for readers in the fields of pattern recognition,
human–computer interaction, and the Internet of Things.
