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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Front Cover; Contents; List of Figures; List of Tables; Preface; Part I: Human Activity Recognition: Theory Fundamentals; Chapter 1: Introduction; Chapter 2: Human Activity Recognition; Chapter 3: State of the Art in HAR Systems; Chapter 4: Incorporating Physiological Signals to Improve Activity Recognition Accuracy; Chapter 5: Enabling Real-Time Activity Recognition; Chapter 6: New Fusion and Selection Strategies in Multiple Classifier Systems; Chapter 7: Conclusions; Part II: HAR in an Android Smartphone: A Practical Guide; Chapter 8: Introduction to Android Chapter 9: Getting Ready to Develop Android ApplicationsChapter 10: Using the Smartphone's Sensors; Chapter 11: Bluetooth Connectivity in Android; Chapter 12: Saving and Retrieving Data in an Android Smartphone; Chapter 13: Feature Extraction; Chapter 14: Real-Time Classification in Smartphones Using WEKA; Bibliography; Back Cover
Sommario/riassunto	Learn How to Design and Implement HAR Systems The pervasiveness and range of capabilities of today's mobile devices have enabled a wide spectrum of mobile applications that are transforming our daily lives, from smartphones equipped with GPS to integrated mobile sensors that

acquire physiological data. Human Activity Recognition: Using Wearable Sensors and Smartphones focuses on the automatic identification of human activities from pervasive wearable sensors-a crucial component for health monitoring and also applicable to other areas, such as entertainment and tactical operations. Developed fr
