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   Nota di contenuto   -- Part 1 AmI for health & (A3L) (Ambient, Active & Assisted Living). -- Chapter 1 Towards a multimodal approach for assessing ADHD hyperactivity behaviors. Franceli L Cibrian, Lauren Min, Vitica Arnold.

-- Chapter 2 MoViAn: Advancing Human Motion Analysis with 3D Visualization and Annotation. Trudi Di Qi, Browen, David Zhang, Hector M. Camarillo-Abad, L Cibrian. -- Chapter 3 Co-Creation of Assistive Technology for Enhancing Daily Living in Individuals with Diverse Disabilities. Mattys Gervais, Bruno Bouchar, Kévin Bouchard, Julie Bouchard, Carole Dionne. -- Chapter 4 Enhancing the Biological Passport with Blockchain Technology. Alejandro Sirvent Llamas, José Luis Albentosa Mora, Higinio Mora, Zuleika Maria Redondo García, Tamai Ramírez-Gordillo. -- Chapter 5 PrimARy: Intelligent system based on Mixed Reality for diagnosis and assistance in primary care. Pablo del Hoyo, Santiago Schez-Sobrino, Francisco M. García, Jorge Cardoso, Javier A. Albusac, David Vallejo. -- Chapter 6 Deep Learning Techniques for Predicting Hypoglycemic Events in Diabetic Patients. Francisco A. Pujol Lopez, Tamai Ramírez-Gordillo, Higinio Mora, etc.

| Sommario/riassunto | This book serves as a comprehensive compilation of groundbreaking research endeavors within the realms of ambient intelligence and ubiquitous computing. These initiatives are pivotal in enabling both researchers and practitioners to discern recent breakthroughs and emerging frontiers in these fields. Encompassing a wide array of domains, including Ambient Active and Assisted Living (A3L), the Internet of Things (IoT), Sustainable Ambient Intelligence, Distributed Ledger Technologies applied to Smart Environments. Finally, two important contributions as Special Sessions: "Women and Ambient Intelligence" and "Impact by design approach for a sustainable innovation in healthcare: good practices and challenges". All mentioned above acting as a valuable resource for scholars, professionals, and graduate students alike. The primary aim of this compilation is to empower individuals within the academic and professional community to harness this wealth of knowledge. It equips them to tackle innovative challenges and engineer smart and ubiquitous solutions that will shape the landscape of the next decade. By amalgamating insights from various facets of ambient intelligence and ubiquitous computing, this book encourages cross-disciplinary collaboration and fosters a holistic understanding of the field. Thus, it not only highlights the recent strides in these areas but also serves as a roadmap for future exploration and innovation, paving the way for a smarter and more interconnected world. |