Handbook Of Ambient Assisted Living: Technology For Healthcare, Rehabilitation And Well-being (Ambient Intelligence And Smart Environments) is written by J.C. Augusto in English language. Release on 2012-01-15, this book has 884 page count that enclose constructive information with easy reading experience. The book was publish by IOS Press, it is one of best computer science book genre that gave you everything love about reading. You can find Handbook Of Ambient Assisted Living: Technology For Healthcare, Rehabilitation And Well-being (Ambient Intelligence And Smart Environments) book with ISBN 1607508362.
The world’s population is aging dramatically, and in most countries the cost of care is rising rapidly. We need a system which helps to minimize the onset of chronic conditions which are costly to treat and diminish quality of life, rather than one primarily directed towards the care of the sick. Innovative use of new technologies may be the only way to provide care affordably in future, and to scale that care to far greater numbers as our societies adapt to change. Ambient Assisted Living (AAL) can provide a solution. More integration between the health system and life at home and work will benefit everybody, providing better, more holistic lifelong care at lower cost. This book presents and summarizes the achievements of an accomplished group of researchers around the globe and from diverse technical backgrounds. They use a wide range of approaches to optimize the use of healthcare technology and integrate such technology into human lives in a way that will benefit all. The book is divided into seven main sections: AAL in the health space Devices and infrastructure to facilitate AAL AAL in gerontology Smart homes as a vehicle for AAL Applications of AAL in rehabilitation AAL initiatives; and finally Novel developments and visions for the area. Developing technologies which cater for the broad range of individuals in our complex societies is a major challenge which poses many problems. The research described here pushes the boundaries, and will inspire other researchers to continue their exploration of technologies to improve lives.

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Handbook of Rehabilitation Counseling

This state-of-the-art textbook illustrates paradigms for professional practice, provides an overview of current knowledge and future trends in rehabilitation counseling, and aims to stimulate thinking that will lead to new research initiatives. Both settings (private and public) as well as services are addressed, including placement, advocacy, and case management. The text also contains elements of practice, including cutting edge uses of technology and supervision, both clinical and managerial....

Warrior Transition Leader: Medical Rehabilitation Handbook

This book is targeted toward helping Army leaders of all levels to assist wounded, injured, and ill soldiers and their families while undergoing medical rehabilitation or interacting with essential healthcare and community reintegration services. Many facets are involved in the successful healing and reintegration of soldiers, whether they continue on active duty or become successful veterans. This book should serve as a valuable tool for learning about the resources and processes that will maxi...

Ambient Findability

How do you find your way in an age of information overload? How can you filter streams of complex information to pull out only what you want? Why does it matter how information is structured when Google seems to magically bring up the right answer to your questions? What does it mean to be "findable" in this day and age? This eye-opening new book examines the convergence of information and connectivity. Written by Peter Morville, author of the groundbreaking Information Architecture for the Worl...

Algorithms in Ambient Intelligence

The advent of the digital era, the Internet, and the development of fast computing devices that can access mass storage servers at high communication bandwidths have brought within our reach the world of ambient intelligent systems. These systems provide users with information, communication, and entertainment at any desired place and time. Since its introduction in 1998, the vision of Ambient Intelligence has attracted much attention within the research community. Especially, the need for int...

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