

1. Record Nr.	UNINA9910820242803321
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Titolo	Intelligent wearable interfaces // Yangsheng Xu, Wen J. Li, Ka Keung C. Lee
Pubbl/distr/stampa	Hoboken, N.J., : Wiley-Interscience, c2008
ISBN	9786611134891 9781281134899 1281134899 9780470222867 0470222867 9780470222850 0470222859
Edizione	[1st edition]
Descrizione fisica	1 online resource (226 p.)
Altri autori (Persone)	LeeKa Keung Caramon LiWen J. <1964->
Disciplina	004.16
Soggetti	Human-computer interaction Wearable computers
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 and index.
Nota di contenuto	Introduction -- Network architecture for wearable robots -- Wearable interface for automatic language translation -- Intelligent cap interface for wheelchair control -- Intelligent shoes for human : computer interface -- Fingertip human : computer interface -- Ubiquitous 3D digital writing instrument -- Intelligent mobile human airbag system.
Sommario/riassunto	A thorough introduction to the development and applications of intelligent wearable interfaces As mobile computing, sensing technology, and artificial intelligence become more advanced and their applications more widespread, the area of intelligent wearable interfaces is growing in importance. This emerging form of human-machine interaction has infinite possibilities for enhancing humans' capabilities in communications, actions, monitoring, and control. Intelligent Wearable Interfaces is a collection of the efforts the authors have made in this area at The Chinese University of Hong Kong. They introduce methodologies to develop a variety of intelligent wearable

interfaces and cover practical implementations of systems for real-life applications. A number of novel intelligent wearable interface systems are examined, including: . Network architecture for wearable robots . Wearable interface for automatic language translation . Intelligent cap interface for wheelchair control . Intelligent shoes for human-computer interface . Fingertip human-computer interface . Ubiquitous 3D digital writing instrument . Intelligent mobile human airbag system This book is a valuable reference for researchers, designers, engineers, and upper-level undergraduate and graduate students in the fields of human-machine interactions, rehabilitation engineering, robotics, and artificial intelligence.

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