《日常生活中的环境感知智能 Amb》

图书基本信息

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内容概要

Ambient Intelligence refers to smart electronic environments that are sensitive and responsive to the presence of people. Since its introduction in the late 1990s, this vision has matured, having become quite influential in the development of new concepts for information processing as well as combining multi-disciplinary fields including computer science, electrical engineering, industrial design, architectural design, user interfaces, and cognitive science. Originating from the Workshop on Ambient Intelligence in Everyday Life held at the Miramar Congress Center, San Sebastian, Spain, in July 2005, this book is devoted to the cognitive aspects of ambient intelligence. The 15 carefully reviewed and revised articles presented are organized in topical sections on human-centric computing, ambient interfaces, and architectures for ambient intelligence.

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书籍目录

Part Ⅰ： Human-Centric Computing Common Sense Reasoning - From Cyc to Intelligent Assistant Face for Ambient Interface Empathic Computing Location and Activity Recognition Using eWatch: A Wearable Sensor PlatformPart Ⅱ： Ambient Interfaces Co-Creation in Ambient Narratives Living with Hyper-reality Ambient Pre-Communication AmbientBrowser: Web Browser in Everyday Life Online Music Search by Tapping Whistling to Machines Speaker Identification and Speech Recognition Using Phased ArraysPart Ⅲ： Architectures in Ambient Intelligence A Middleware for the Deployment of Ambient Intelligent Spaces Ambient Interfaces for Elderly People at Home A Smart Electric Wheelchair Using UPnP Collaborative Discovery Through Biological Language Modeling InterfaceAuthor Index

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