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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Communication System of e-Navigation between Vessel and Shore Utilizing Representation State Transfer at SeA -- Continuous-Time Estimation Filtering with Incorporation of Temporary Model Uncertainty -- Advertise Based Adaptive Model for IoT Device in Network Virtualization Environment -- Design and Implementation of a Wearable Device for the Blind by Using Deep Learning Based Object Recognition -- User Modeling Based on Smart Media Eye Tracking Depending on the Type of Interior Space -- A Study on Local Consumer Behavior User Modeling for Extended O2O Services -- Glove type Air Mouse Powered by Kalman Filtering and Complementary Filtering -- Indoor Location Recognition System Using RSSI and BSSID -- IoT-Based VR Service Model to Improve Exercise Capacity -- Traffic Prediction System Utilizing Application and Control of Environmental Information -- Study on Multi-Screen Patterns and Multi-Device Experiences in Multi-Screen Ecosystem -- Software Defined Personal Area Network for Secure and Efficient File Management -- A Study on Resource Scaling

Sommario/riassunto

This book presents the combined proceedings of the 12th KIPS International Conference on Ubiquitous Information Technologies and Applications (CUTE 2017) and the 9th International Conference on Computer Science and its Applications (CSA2017), both held in Taichung, Taiwan, December 18–20, 2017. The aim of these two meetings was to promote discussion and interaction among academics, researchers and professionals in the field of ubiquitous computing technologies. These proceedings reflect the state of the art in the development of computational methods, involving theory, algorithms, numerical simulation, error and uncertainty analysis and novel applications of new processing techniques in engineering, science, and other disciplines related to ubiquitous computing.

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