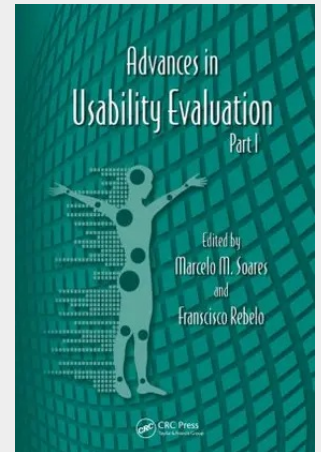


Advances in Usability Evaluation Part I

Successful interaction with products, tools, and technologies depends on usable designs, accommodating the needs of potential users and does not require costly training. In this context, *Advances in Usability Evaluation Part I* discusses emerging concepts, theories, and applications of human factors knowledge focusing on the discovery and understanding of human interaction with products and systems for their improvement. The book covers devices and their interfaces, focusing on optimization of user devices and emphasizing visual and haptic feedback. It then discusses user studies, exploring the limits and capabilities of special populations, particularly the elderly, which can influence the design. It also examines the effect of changes in force and kinematics, physiology, cognitive performance, in the design of consumer products, tools and workplaces. Examining a variety of user-centered evaluation approaches, the concluding chapters details methods for developing products that can improve safety and human performance and at same time, the efficiency of the system. It reports on usability evaluations for different kinds of products and technologies, particularly for cellular phones, earphones, earphone controls, mattresses and pillows, package and professional tools, and service systems. The book provides new methods that enhance performance, expand capabilities, and optimize the fit between people and technology.



87,00 €
81,31 € (zzgl. MwSt.)

Nicht mehr lieferbar

Artikelnummer: 9781439870242
Medium: Buch
ISBN: 978-1-4398-7024-2
Verlag: Taylor & Francis Inc
Erscheinungstermin: 19.07.2012
Sprache(n): Englisch
Auflage: 1. Auflage 2012
Serie: Advances in Human Factors and Ergonomics Series
Produktform: Gebunden
Gewicht: 1138 g
Seiten: 680
Format (B x H): 160 x 236 mm

