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## Advances in Human Aspects of Healthcare

By Vincent G. Duffy, Gavriel Salvendy, Waldemar Karwowski

Taylor & Francis Inc. Hardback. Book Condition: new. BRAND NEW, Advances in Human Aspects of Healthcare, Vincent G. Duffy, Gavriel Salvendy, Waldemar Karwowski, Now more than ever, the design of systems and devices for effective and safe healthcare delivery has taken center stage. And the importance of human factors and ergonomics in achieving this goal can't be ignored. Underlining the utility of research in achieving effective design, Advances in Human Aspects of Healthcare discusses how human factors and ergonomics principles can be applied to improve quality, safety, efficiency, and effectiveness in patient care. Topics include the design of work environments to improve satisfaction and well-being of patients, healthcare providers, and professionals. The book explores new approaches for improving healthcare devices such as portable ultrasound systems, better work design, and effective communications and systems support. It also examines healthcare informatics for the public and usability for patient users, building on results from usability studies for medical personnel. Several chapters explore quality and safety while others examine medical error for risk factors and information transfer in error reduction. The book provides an integrated review of physical, cognitive, and organizational aspects that facilitates a systems approach to implementation. These features and more allow...


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