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Descrizione fisica	1 online resource (833 pages)
Collana	Advances in Intelligent Systems and Computing, , 2194-5357 ; ; 955
Disciplina	658.5752 620.82
Soggetti	Engineering design Graphic design User interfaces (Computer systems) Computer-aided engineering Engineering Design Interaction Design User Interfaces and Human Computer Interaction Computer-Aided Engineering (CAD, CAE) and Design
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Sommario/riassunto	This book provides readers with a timely snapshot of ergonomics research and methods applied to the design, development and prototyping – as well as the evaluation, training and manufacturing – of products, systems and services. Combining theoretical contributions, case studies, and reports on technical interventions, it covers a wide range of topics in ergonomic design including: ecological design; cultural and ethical aspects in design; Interface design, user involvement and human–computer interaction in design; as well as design for accessibility and many others. The book particularly focuses on new technologies such as virtual reality, state-of-the-art methodologies in information design, and human–computer interfaces.

Based on the AHFE 2019 International Conference on Ergonomics in Design, held on July 24-28, 2019, Washington D.C., USA, the book offers a timely guide for both researchers and design practitioners, including industrial designers, human–computer interaction and user experience researchers, production engineers and applied psychologists.
