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| Descrizione fisica | 1 online resource (296 p.) |
| Disciplina | 153 620 620.0042 658.5/75 |
| Soggetti | Industrial engineering Production engineering Management Industrial management Engineering design Cognitive psychology Computational complexity Industrial and Production Engineering Innovation/Technology Management Engineering Design Cognitive Psychology Complexity |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | A Bio-signal-based Control Approach to Building a Comfortable Space -- A New Social Emotion Estimating Method by Measuring Micro Movement of Human Bust -- Affective Engineering in Applications to Bilevel Human Migration Models -- Analysis and Evaluation of Business Signs Using Deviation Values -- Defining Design Subjects according to the Context in which Problems Occur -- Design Management Strategy - A Case Study of an Affective Product -- Kansei as a Function of |

Aesthetic Experience in Product Design -- Kawaii Rules: Increasing Affective Value of Industrial Products -- Modeling Emotional Evaluation of Traditional Vietnamese Aodai Clothes Based on Computer Vision and Machine Learning -- Near-Infrared Spectroscopy (NIRS) Analysis of Emotion when Reading e-Books with Sound Effects -- The Effects of Culture on Users' Perception of a Webpage: A Comparative Study of the Cognitive Styles of Chinese, Koreans and Americans -- Backrest Designs in Meeting Chairs -- Branding Luxury through Affective Value - Case of Swiss Watch Industry -- Button Sound Quality Evaluation for Car Audio Main Units -- Characteristics of the Design and Production Process for Italian and Japanese Made Tailored Jackets in the Global Market -- Online Shopping and Individual Consumer Adaptation: The Relationship between Fabric-identification Ability and Prior Knowledge -- Reading Emotion of Color Environments: Computer Simulations With Self-Reports and Physiological Signals -- Reviewing the Role of the Science Fiction Special Interest Group via User Interfaces: the Case of Science Fiction Movies -- Sleep Quality and Skin-lightening Effects of White Mother Chrysanthemum Aroma -- The Emotional Characteristics of White for Applications of Product Color Design -- The Influence of Skincare Routines on Skin Physiology Parameters and Affective-Values -- Understanding Product Features Using a Hybrid Machine Learning Model.

Sommario/riassunto

This book examines the industrial applications of affective engineering. The contributors cover new analytical methods such as fluctuation, fuzzy logic, fractals, and complex systems. These chapters also include interdisciplinary research that traverses a wide range of fields, including information engineering, human engineering, cognitive science, psychology, and design studies. The text is split into two parts: theory and applications. This work is a collection of the best papers from ISAE2013 (International Symposium of Affective Engineering) held at Kitakyushu, Japan and Japan Kansei Engineering Meeting on March 6-8, 2013.
