



1st ed. 2020, XXI, 1105 p. 420 illus., 307 illus. in color.

Printed book

Softcover

249,99 € | £219.99 | \$299.99

^[1]267,49 € (D) | 274,99 € (A) | CHF 295,00

eBook

202,29 € | £175.50 | \$229.00

^[2]202,29 € (D) | 202,29 € (A) | CHF 236,00

Available from your library or
[springer.com/shop](https://www.springer.com/shop)

MyCopy ^[3]

Printed eBook for just

€ | \$ 24.99

[springer.com/mycopy](https://www.springer.com/mycopy)

T. Ahram, W. Karwowski, S. Pickl, R. Tajar (Eds.)

Human Systems Engineering and Design II

Proceedings of the 2nd International Conference on Human Systems Engineering and Design (IHSED2019): Future Trends and Applications, September 16-18, 2019, Universität der Bundeswehr München, Munich, Germany

Series: **Advances in Intelligent Systems and Computing**

- Describes advanced user-centered design and systems engineering concepts
- Emphasizes strategies for a better integration of people and engineering systems
- Topics spans from health wearables to innovative materials and process /product engineering

This book focuses on novel design and systems engineering approaches, including theories and best practices, for promoting a better integration of people and engineering systems. It covers a range of hot topics related to: development of human-centered systems; interface design and human-computer interaction; usability and user experience; emergent properties of human behavior; innovative materials in manufacturing, biomechanics, and sports medicine, safety engineering and systems complexity business analytics, design and technology and many more. The book, which gathers selected papers presented at the 2nd International Conference on Human Systems Engineering and Design: Future Trends and Applications (IHSED 2019), held on September 16-18, 2019, at Universität der Bundeswehr München, Munich, Germany, provides researchers, practitioners and program managers with a snapshot of the state-of-the-art and current challenges in the field of human systems engineering and design.

Order online at [springer.com](https://www.springer.com) / or for the Americas call (toll free) 1-800-SPRINGER / or email us at: customerservice@springernature.com. / For outside the Americas call +49 (0) 6221-345-4301 / or email us at: customerservice@springernature.com.

The first € price and the £ and \$ price are net prices, subject to local VAT. Prices indicated with [1] include VAT for books; the €(D) includes 7% for Germany, the €(A) includes 10% for Austria. Prices indicated with [2] include VAT for electronic products; 19% for Germany, 20% for Austria. All prices exclusive of carriage charges. Prices and other details are subject to change without notice. All errors and omissions excepted. [3] No discount for MyCopy.

