1. Record Nr. UNINA9910647779903321 Digital transformation: core technologies and emerging topics from a **Titolo** computer science perspective / / edited by Birgit Vogel-Heuser and Manuel Wimmer Berlin, Germany:,: Springer Vieweg,, [2023] Pubbl/distr/stampa ©2023 **ISBN** 3-662-65004-5 Edizione [1st ed. 2023.] 1 online resource (522 pages) Descrizione fisica Disciplina 004.6782 Soggetti Production engineering - Data processing Cloud computing Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia

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Sommario/riassunto

Self-Adaptive Digital Assistance Systems for Work 4.0 -- Digital Transformation - Towards flexible human-centric enterprises.

Digital Transformation in Industry 4.0/5.0 requires the effective and efficient application of digitalization technologies in the area of production systems. This book elaborates on concepts, techniques, and technologies from computer science in the context of Industry 4.0/5.0 and demonstrates their possible applications. Thus, the book serves as an orientation but also as a reference work for experts in the field of Industry 4.0/5.0 to successfully advance digitization in their companies. The editors Professor Dr.-Ing. Birgit Vogel-Heuser is head of the Department of Automation and Information Systems at the Technical University of Munich. Professor Dr. Manuel Wimmer is head of the Institute of Business Informatics - Software Engineering at the Johannes Kepler University Linz.