

Designing for Human-Machine Symbiosis Using the URANOS Model: Emerging Research and Opportunities

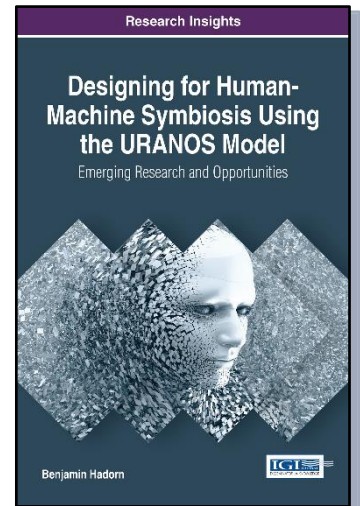
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Benjamin Hadorn (University of Fribourg, Switzerland)

Description:

Demand for integral and sustainable solutions is on the rise. As new ways of defining reality emerge, this generates the progression of more humanistic and sustainable construction of operating systems.

Designing for Human-Machine Symbiosis Using the URANOS Model: Emerging Research and Opportunities is a pivotal reference source for the latest research on human-centered system modeling and methods to provide a generic system model to describe complex non-linear systems. Featuring extensive coverage across a range of relevant topics, such as pervasive computing systems, smart environments, and smart industrial machines, this book is ideally designed for researchers, engineers, and professionals seeking current research on the integration of human beings and their natural, informational, and socio-cultural environments into system design.



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Benjamin Hadorn earned his PhD from the University of Fribourg, Switzerland, where he studied computer science, in particular coordination in the context of pervasive and mobile computing. He worked 15 years as a software architect and engineer, developing smart and intelligent industrial machines. In 2016 he founded a start-up company for human-centered and sustainable system engineering, called CyberTech Engineering GmbH.