

# Cyber-Physical Systems for Social Applications

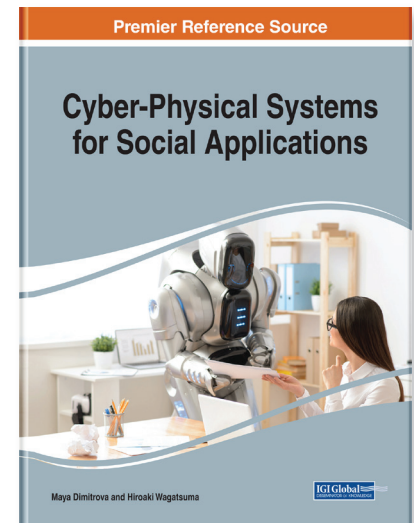
Part of the Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series

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## Description:

Present day sophisticated, adaptive, and autonomous (to a certain degree) robotic technology is a radically new stimulus for the cognitive system of the human learner from the earliest to the oldest age. It deserves extensive, thorough, and systematic research based on novel frameworks for analysis, modelling, synthesis, and implementation of CPSs for social applications.

**Cyber-Physical Systems for Social Applications** is a critical scholarly book that examines the latest empirical findings for designing cyber-physical systems for social applications and aims at forwarding the symbolic human-robot perspective in areas that include education, social communication, entertainment, and artistic performance. Highlighting topics such as evolinguistics, human-robot interaction, and neuroinformatics, this book is ideally designed for social network developers, cognitive scientists, education science experts, evolutionary linguists, researchers, and academicians.



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## Topics Covered:

- Avatar Design
- Cyber-Physical Systems
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- Healthcare
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- Humanoid Robotics
- Mechatronics
- Neuroinformatics
- Psychology
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