Human Behavior Recognition Technologies: Intelligent Applications for Monitoring and Security

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Recently, the ICT field has seen a shift from machine centered focuses to human and user knowledge-based approaches. However, as the priorities shift, questions arise on how to detect and monitor users’ behavior.

Human Behavior Recognition Technologies: Intelligent Applications for Monitoring and Security addresses these questions and more as it takes an insightful glance into the applications and dependability of behavior detection. In addition, this comprehensive publication looks into the social, ethical, and legal implications of these areas. Researchers and practitioners interested in the computational aspects of behavior monitoring as well as the ethical and legal implications will find this reference source beneficial.

Topics Covered:
• Behavior Management
• Behavior Interpretation
• Human Aspects of Technology

• IT Research and Theory
• IT Security and Ethics
• Web Technologies

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Hans Guesgen is a Professor of Computer Science in the School of Engineering and Advanced Technology (SEAT) at Massey University in New Zealand. His research interests include ambient intelligence, smart environments, knowledge representation, constraint satisfaction, spatio-temporal and qualitative reasoning, with more than 100 refereed papers in these areas. He holds a doctorate in computer science of the University of Kaiserslautern, and a higher doctorate (Habilitation) in computer science of the University of Hamburg, Germany. Hans is a senior member of the Association for the Advancement of Artificial Intelligence (AAAI) and an honorary research associate of the Computer Science Department of the University of Auckland, New Zealand.
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