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Nota di contenuto	FrontMatter -- Preface -- Contents -- THE RISE OF INTELLIGENT SOFTWARE SYSTEMS AND MACHINES -- Introduction--M. Brian Blake and David B. Fogel -- Commercializing Auditory Neuroscience--Lloyd Watts -- Creating Intelligent Agents in Games--Risto Miikkulainen -- Co-Evolution of Social Sciences and Engineering Systems--Robert L. Axtell -- Using Computational Cognitive Models to Improve Human-Robot Interaction--Alan C. Schultz -- THE NANO/BIO INTERFACE -- Introduction--Tejal Desai and Hiroshi Matsui -- Biological and Biomimetic Polypeptide Materials--Timothy J. Deming -- Applications of Biomimetics--Morley O. Stone -- Optical Imaging for In Vivo Assessment of Tissue Pathology--Rebekah A. Drezek, Naomi J. Halas, and Jennifer West -- Commercialization and Future Developments in Bionanotechnology--Marcel P. Bruchez -- ENGINEERING PERSONAL MOBILITY FOR THE 21ST CENTURY -- Introduction--Apoorv Agarwal

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