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Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 4681
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Soggetti	Artificial intelligence Computer science Algorithms Computer vision Pattern recognition systems Artificial Intelligence Theory of Computation Computer Vision Automated Pattern Recognition
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Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references and author index.
Nota di contenuto	Biological and Quantum Computing -- Intelligent Financial Engineering -- Intelligent Agent and Web Applications -- Intelligent Sensor Networks -- Intelligent Control and Automation -- Intelligent Data Fusion and Security -- Natural Language Processing and Expert Systems -- Intelligent Image/Document Retrievals -- Intelligent Computing in Bioinformatics -- Intelligent Computing in Signal Processing -- Intelligent Computing in Pattern Recognition -- Intelligent Computing in Communication.
Sommario/riassunto	The International Conference on Intelligent Computing (ICIC) was formed to provide an annual forum dedicated to the emerging and challenging topics in artificial intelligence, machine learning,

bioinformatics, and computational biology, etc. It aims to bring together researchers and practitioners from both academia and industry to share ideas, problems and solutions related to the multifaceted aspects of intelligent computing. ICIC 2007, held in Qingdao, China, August 21–24, 2007, constituted the Third International Conference on Intelligent Computing. It built upon the success of ICIC 2006 and ICIC 2005 held in Kunming and Hefei, China, 2006 and 2005, respectively. This year, the conference concentrated mainly on the theories and methodologies as well as the emerging applications of intelligent computing. Its aim was to unify the picture of contemporary intelligent computing techniques as an integral concept that highlights the trends in advanced computational intelligence and bridges theoretical research with applications. Therefore, the theme for this conference was “Advanced Intelligent Computing Technology and Applications”. Papers focusing on this theme were solicited, addressing theories, methodologies, and applications in science and technology.

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