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Soggetti	Pattern recognition systems Computer science Computer networks Database management Application software Artificial intelligence Automated Pattern Recognition Theory of Computation Computer Communication Networks Database Management Computer and Information Systems Applications Artificial Intelligence
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Note generali	"... the 1st International Conference on Pattern Recognition and Machine Intelligence (PReMI 2005)"--Pref.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Keynote Papers -- Invited Papers -- Contributory Papers Clustering, Feature Selection and Learning -- Classification -- Neural Networks and Applications -- Fuzzy Logic and Applications -- Optimization and Representation -- Image Processing and Analysis -- Video Processing and Computer Vision -- Image Retrieval and Data Mining --

Bioinformatics Application -- Web Intelligence and Genetic Algorithms
-- Rough Sets, Case-Based Reasoning and Knowledge Discovery.

Sommario/riassunto

CSCR, which is the first national center in the country in this domain, has many important objectives including distance learning, establishing linkage to premier institutes/industries, organizing specialized courses, as well as conducting fundamental research. The conference proceedings of PReMI-05, containing rigorously reviewed papers, is published by Springer in its prestigious Lecture Notes in Computer Science (LNCS) series. Different professional sponsors and funding agencies (both national and international) came forward to support this event for its success. These include, International Association of Pattern Recognition (IAPR); Web Intelligence Consortium (WIC); Institute of Electrical and Electronics Engineering (IEEE); International Center for Pure and Applied Mathematics (CIMPA), France; Weibel, Government of West Bengal IT Company; Department of Science & Technology (DST), India; Council of Scientific & Industrial Research (CSIR), India.

To encourage participation of bright students and young researchers, some fellowships were provided. I believe the participants found PReMI-05 an academically memorable and intellectually stimulating event. It enabled young researchers to interact and establish contacts with well-known experts in the field. I hope that you have all enjoyed staying in Calcutta (now Kolkata), the city of Joy.