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Nota di contenuto	-- Suggested Future Trends in Computer-Aided Recognition Methods and Problems -- Formal foundations of vague language transduction for syntactic pattern recognition -- A Target-Oriented Image Fusion Method for Quality Inspection of Heat-Sealed Packages -- Cascade of one-class classifier ensemble and dynamic naive Bayes classifier applied to the myoelectric-based upper limb prosthesis control with contaminated channels detection, etc.
Sommario/riassunto	This book highlights recent research on computer recognition systems, one of the most promising directions in artificial intelligence. Offering the comprehensive study on this field to date, it gathers 11 carefully selected articles contributed by experts on pattern recognition. The accepted papers address current computer science and computer

systems related technological challenges and solutions, as well as many practical applications areas of pattern recognition and machine learning results. Presenting recent research on methodology and applications, the book offers a valuable reference tool for scientists whose work involves designing computer pattern recognition systems. Its target audience also includes researchers and students in computer science and artificial intelligence. We believe that this book will be also interesting for practitioners in many fields of computer science and IT applications.