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Soggetti	Image processing - Digital techniques Optical pattern recognition
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Note generali	Includes index.
Nota di contenuto	Intro -- Preface -- Organization -- Plenary Talks -- The Vision Subsystems in the TrimBot2020 Gardening Robot -- Speech as Personal Identifiable Information -- Machine Learning Security: Attacks and Defenses -- Invited Tutorials -- Speech Recognition and Machine Translation: From Bayes Decision Theory to Machine Learning and Deep Neural Networks -- Human 3D Sensing from Monocular Visual Data Using Classification Techniques -- Contents -- Document Analysis -- Test Sample Selection for Handwriting Recognition Through Language Modeling -- 1 Introduction -- 2 Methodology -- 2.1 Neural End-to-end Recognition Framework -- 2.2 Language Model -- 3 Experimental Setup -- 3.1 Corpora -- 3.2 Neural Architectures -- 3.3 Best Hypothesis Selection Policies -- 3.4 Evaluation Protocol -- 4 Results -- 5 Conclusions -- References -- Classification of Untranscribed Handwritten Notarial Documents by Textual Contents -- 1 Introduction -- 2 Probabilistic Indexing of Handwritten Text Images -- 3 Plain Text Document Classification -- 3.1 Feature Selection -- 3.2 Feature Extraction -- 4 Textual-Content-Based Classification of Sets of Images -- 4.1 Estimating Text Features from Image Prlx's -- 4.2 Estimating Information Gain and TfIdf of Sets of Text Images -- 4.3 Image Document Classification -- 5 Dataset and Experimental Settings -- 5.1 A Handwritten Notarial Document Dataset -- 5.2 Empirical Settings --

6 Experiments and Results -- 7 Conclusion -- References --

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