

1. Record Nr.	UNINA9910809030303321
Titolo	Face recognition : methods, applications and technology // Adamo Quaglia and Calogera M. Epifano, editors
Pubbl/distr/stampa	New York, : Nova Science, c2012
ISBN	1-61122-625-2
Edizione	[1st ed.]
Descrizione fisica	1 online resource (252 p.)
Collana	Computer Science, Technology and Applications
Altri autori (Persone)	QuagliaAdamo EpifanoCalogera M
Disciplina	006.3/7
Soggetti	Human face recognition (Computer science) Optical character recognition
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	<p>""FACE RECOGNITION METHODS, APPLICATIONS AND TECHNOLOGY ""; ""FACE RECOGNITION METHODS, APPLICATIONS AND TECHNOLOGY ""; ""CONTENTS ""; ""PREFACE ""; ""ACCURACY OF FACE RECOGNITION""; ""ABSTRACT ""; ""INTRODUCTION ""; ""FAMILIAR VERSUS UNFAMILIAR FACE PROCESSING ""; ""ACCURACY OF UNFAMILIAR FACE MEMORY ""; ""RECOGNITION MEMORY ""; ""EYE-WITNESS MEMORY""; ""IMMEDIATE MEMORY ""; ""CHANGE BLINDNESS ""; ""ACCURACY OF UNFAMILIAR FACE PERCEPTION ""; ""INDIVIDUAL DIFFERENCES IN UNFAMILIAR FACE RECOGNITION""; ""ACCURACY OF FAMILIAR FACE RECOGNITION""; ""CONCLUSION ""; ""REFERENCES "" ""EXTENDED 2-D PCA FOR FACE RECOGNITION: ANALYSIS, ALGORITHMS, AND PERFORMANCE ENHANCEMENT """"ABSTRACT ""; ""1. INTRODUCTION""; ""2. AN OVERVIEW OF PCA AND 2-D PCA METHODS ""; ""2.1. PCA ""; ""2.2. Two-Dimensional PCA ""; ""3. AN EXTENDED 2-D PCA TECHNIQUE FOR FACE RECOGNITION""; ""3.1. A Closer Look at 2-D PCA a€? a Row Oriented Processing Technique ""; ""3.2. A Column Oriented 2-D PCA ""; ""3.3. An Extended 2-D PCA (E- 2DPCA) Technique ""; ""3.4. Classification Measures ""; ""4. PRE- PROCESSING TECHNIQUES FOR PERFORMANCE ENHANCEMENT""; ""4.1. Perfect Histogram Matching (PHM)"" ""4.2. De-Noising of Face Images by DWT and TV Minimization """"4.3. Dealing with Face Occlusions ""; ""4.4. An Enhanced Face Recognition</p>

System"; "5. EXPERIMENTAL RESULTS "; "5.1. The Databases "; "5.2. Experimental Results of E-2DPCA a€? a Case Study "; "5.3. Additional Results for PCA, 2DPCA and E-2DPCA "; "5.4. Performance of an Enhanced Face Recognition System "; "5.5. Robustness of the Enhanced Face Recognition System to Noise and Face Occlusions"; "CONCLUSION "; "REFERENCES "

"FACE RECOGNITION BASED ON COMPOSITE CORRELATION FILTERS: ANALYSIS OF THEIR PERFORMANCES """"ABSTRACT "; "1. INTRODUCTION "; "2. SOME PRELIMINARY CONSIDERATIONS AND RELATION TO PREVIOUS WORK "; "3. A BRIEF OVERVIEW OF CORRELATION FILTERS "; "3.1. Adapted Filter (Ad) "; "3.2. Phase-Only Filter (POF) "; "3.3. Binary Phase-Only Filter (BPOF) "; "3.4. Inverse Filter (IF) "; "3.5. Compromise Optimal Filter (OT) "; "3.6. Classical Composite Filter (COMP) "; "3.7. Segmented Composite Filter (SPOF) "; "3.8. Minimum Average Correlation Energy (MACE) "

"3.9. Amplitude-Modulated Phase-Only Filter (AMPOF) """"3.10. Optimal Trade-off MACH (OT MACH) "; "3.11. Asymmetric Segmented Phase Only Filter (ASPOF) "; "4. COMPARATIVE STUDY OF COMPOSITE CORRELATIONS FILTERS WITH BINARY IMAGES"; "4.1. Adapted Composite Filter "; "4.2. Composite POF "; "4.3. Composite Binary POF"; "4.4. Inverse Composite Filter "; "4.5. Robustness against Noise "; "4.6. Optimized Composite Filters "; "CONCLUSION "; "ACKNOWLEDGMENTS "; "REFERENCES "; "FACE RECOGNITION EMPLOYING PCA BASED ARTIFICIAL IMMUNE NETWORKS "; "ABSTRACT "

"INTRODUCTION "
