1. Record Nr.   UNINA9911019541003321

Titolo	Optimization in signal and image processing / / edited by Patrick Siarry
Pubbl/distr/stampa	London, : ISTE Hoboken, NJ, : Wiley, 2009
ISBN	9786612688553 9781282688551 1282688553 9780470611319 0470611316 9780470393949 0470393947
Edizione	[1st edition]
Descrizione fisica	1 online resource (385 p.)
Collana	ISTE ; ; v.46
Altri autori (Persone)	SiarryPatrick
Disciplina	621.382/2
Soggetti	Signal processing Image processing
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	Optimization in Signal and Image Processing; Table of Contents; Introduction; Chapter 1. Modeling and Optimization in Image Analysis; 1.1. Modeling at the source of image analysis and synthesis; 1.2. From image synthesis to analysis; 1.3. Scene geometric modeling and image synthesis; 1.4. Direct model inversion and the Hough transform; 1.4.1. The deterministic Hough transform; 1.4.2. Stochastic exploration of parameters: evolutionary Hough; 1.4.3. Examples of generalization; 1.5. Optimization and physical modeling; 1.5.1. Photometric modeling; 1.5.2. Motion modeling; 1.6. Conclusion 1.7. Acknowledgements1.8. Bibliography; Chapter 2. Artificial Evolution and the Parisian Approach. Applications in the Processing of Signals and Images; 2.1. Introduction; 2.2. The Parisian approach for evolutionary algorithms; 2.3. Applying the Parisian approach to inverse IFS problems; 2.3.1. Choosing individuals for the evaluation process; 2.3.2. Retribution of individuals; 2.4. Results obtained on the inverse

Sommario/riassunto	This book describes the optimization methods most commonly encountered in signal and image processing: artificial evolution and Parisian approach; wavelets and fractals; information criteria; training and quadratic programming; Bayesian formalism; probabilistic modeling; Markovian approach; hidden Markov models; and metaheuristics (genetic algorithms, ant colony algorithms, cross-entropy, particle swarm optimization, estimation of distribution algorithms, and artificial immune systems).

2.	Record Nr.	UNINA9910960698703321
	Autore	West Nigel
	Titolo	Historical dictionary of signals intelligence / / Nigel West
	Pubbl/distr/stampa	Lanham, : Scarecrow Press, 2012 New York : , : Bloomsbury Publishing (US), , 2012
	ISBN	979-82-16-41644-9 1-283-58405-0 9786613896506 0-8108-7391-5
	Edizione	[1st ed.]
	Descrizione fisica	1 online resource (371 p.)
	Collana	Historical Dictionaries of Intelligence and CounterIntelligence
	Disciplina	327.12
	Soggetti	Military HISTORY Reference Dictionaries POLITICAL SCIENCE Electronic surveillance Other Electronic surveillance - History Dictionaries. History
	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	Contents; Acknowledgments; Editor's Foreword; Acronyms and Abbreviations; Chronology; Introduction; A; B; C; D; E; F; G; H; I; J; K; L; M; N; O; P; Q; R; S; T; U; V; W; X; Y; Z; Appendix A. VENONA Glossary; Appendix B. Agreement between British Government Code and Cipher School and U.S. War Department in regard to Certain "Special Intelligence"; Appendix C. British-U.S. Communication Intelligence Agreement; Bibliography; Index; About the Author
	Sommario/riassunto	The Historical Dictionary of Signals Intelligence covers the history of Signals Intelligence (SIGINT) through a chronology, an introductory

essay, an appendix, and an extensive bibliography. The dictionary section has over 300 cross-referenced entries on key personnel, SIGINT technology, intelligence operations, and agencies, as well as the tradecraft and jargon. This book is an excellent access point for students, researchers, and anyone wanting to know more about Signals Intelligence.