1.	Record Nr.	UNINA9910254194503321
	Autore	Beyerer Jürgen
	Titolo	Machine Vision : Automated Visual Inspection: Theory, Practice and Applications / / by Jürgen Beyerer, Fernando Puente León, Christian Frese
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2016
	ISBN	3-662-47794-7
	Edizione	[1st ed. 2016.]
	Descrizione fisica	1 online resource (802 p.)
	Disciplina	620
	Soggetti	Signal processing Image processing Speech processing systems Optical data processing Robotics Automation Physical measurements Measurement Signal, Image and Speech Processing Image Processing and Computer Vision Robotics and Automation Measurement Science and Instrumentation
	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 at the end of each chapters and index.
	Nota di contenuto	Introduction -- Part I Image Acquisition: Light -- Optical Imaging -- Radiometry -- Color -- Sensors for Image Acquisition -- Methods for Image Acquisition -- Part II Image Processing: Image Signals -- Preprocessing and Image Enhancement -- Image Restoration -- Segmentation -- Morphological Image Processing -- Texture Analysis -- Detection -- Image Pyramids, Wavelet Transform and Multiresolution Analysis -- Mathematical Foundations -- The Fourier Transform.

Sommario/riassunto	The book offers a thorough introduction to machine vision. It is organized in two parts. The first part covers the image acquisition, which is the crucial component of most automated visual inspection systems. All important methods are described in great detail and are presented with a reasoned structure. The second part deals with the modeling and processing of image signals and pays particular regard to methods, which are relevant for automated visual inspection.

2.	Record Nr.	UNINA9910357849603321
	Titolo	Computational Data and Social Networks : 8th International Conference, CSoNet 2019, Ho Chi Minh City, Vietnam, November 18–20, 2019, Proceedings / / edited by Andrea Tagarelli, Hanghang Tong
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
	ISBN	3-030-34980-2
	Edizione	[1st ed. 2019.]
	Descrizione fisica	1 online resource (XIV, 372 p. 147 illus., 68 illus. in color.)
	Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 11917
	Disciplina	005.7
	Soggetti	Application software
		Social sciences - Data processing
		Artificial intelligence
		Data protection
		Computers and civilization
		Computer and Information Systems Applications
		Computer Application in Social and Behavioral Sciences
		Artificial Intelligence
		Data and Information Security
		Computers and Society
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Combinatorial Optimization and Learning -- A Probabilistic Divide and Conquer Algorithm for the Minimum Tollbooth Problem -- Distributed

Core Decomposition in Probabilistic Graphs -- Sampled Fictitious Play on Networks -- Outlier Detection Forest for Large-scale Categorical Data Sets -- Neural Networks with Multidimensional Cross-Entropy Loss Functions -- A RVND+ILS metaheuristic to Solve the Delivery Man Problem with Time Windows -- Star2vec: from subspace embedding to whole-space embedding for intelligent recommendation system (Extended Abstract) -- Approximation algorithm for the squared metric soft capacitated facility location problem (Extended Abstract) -- An Ecient Algorithm for the k-Dominating Set Problem on Very Large-Scale Networks (Extended Abstract) -- Strategy-proof cost-sharing mechanism design for a generalized cover-sets problem (Extended Abstract) -- Inuence Modeling, Propagation, and Maximization -- Hybrid Centrality Measures for Service Coverage Problem.-Hop-based Sketch for Large-scale Inuence Analysis -- Prot Maximization under Group Inuence Model in Social Networks -- Importance Sample-based Approximation Algorithm for Cost-aware Targeted Viral Marketing -- Location-Based Competitive Inuence Maximization in Social Networks -- Cascade of Edge Activation in Networks -- Reinforcement Learning in Information Cascades Based on Dynamic User Behavior -- Predicting New Adopters via Socially-Aware Neural Graph Collaborative Filtering -- Who Watches What: forecasting viewership for the top 100 TV networks -- NLP and Aective Computing -- PhonSenticNet: A Cognitive Approach to Microtext Normalization for Concept-Level Sentiment Analysis -- One-document Training For Vietnamese Sentiment Analysis -- Assessing the readability of Vietnamese texts through comparison -- Learning Representations for Vietnamese Sentence Classication (Extended Abstract) -- Exploring Machine Translation on the Chinese-Vietnamese Language Pair -- Computational Methods for Social Good -- Towards an Aspect-based Ranking Model for Clinical Trial Search -- Scalable Self-Taught Deep-embedded Learning Framework for Drug Abuse Spatial Behaviors Detection -- Limiting the Neighborhood: De-Small-World Network for Outbreak Prevention -- Online Community Conict Decomposition with Pseudo Spatial Permutation -- Attribute-Enhanced De-anonymization of Online Social Networks -- Subgraph-based Adversarial Examples Against Graph-based IoT Malware Detection Systems -- Incorporating Content beyond Text: A High Reliable Twitter-based Disaster Information System -- Reduced-Bias Co-Trained Ensembles for Weakly Supervised Cyberbullying Detection -- A Novel Privacy-Preserving Socio-Technical Platform for Detecting Cyber Abuse (Extended Abstract) -- Projection-based Coverage Algorithms in 3D Camera Sensor Networks for Indoor Objective Tracking -- User Proling and Behavior Modeling -- Enhancing Collaborative Filtering with Multi-label Classication -- Link Prediction on Dynamic Heterogeneous Information Networks -- Information Network Cascading and Network Re-construction with Bounded Rational User Behaviors -- Gender Prediction through Synthetic Resampling of User Proles using SeqGANs. .

| Sommario/riassunto | This book constitutes the refereed proceedings of the 8th International Conference on Computational Data and Social Networks, CSoNet 2019, held in Ho Chi Minh City, Vietnam, in November 2019. The 22 full and 8 short papers presented in this book were carefully reviewed and selected from 120 submissions. The papers appear under the following topical headings: Combinatorial Optimization and Learning; Inuence Modeling, Propagation, and Maximization; NLP and Aective Computing; Computational Methods for Social Good; and User Proling and Behavior Modeling. |