

Silhouette Eyewear

Nineteen Fact-Filled Charters that contain authoritative treatment of all aspects of dimensional measurement technology make Handbook of Dimensional Measurement the most readable and comprehensive guide available for engineers and technicians engages in the various stages of industrial production. Design engineers, manufacturing engineers, tool and gage makers, quality control specialists, and reliability experts will find a wealth of practical data as well as complete coverage - both basic and advanced - of dimensional measurement techniques and equipment. The Third Edition of this classic book has been completely revised to include the computer and electronics revolution in metrology. Virtually every type of measurement instrument and machine, even the newest devices, can be found in these pages. Hundreds of changes, and additions and scores of new illustrations have been incorporated to assure that Handbook of Dimensional Measurement retains its status as the standard reference for the practitioner of dimensional measurement.

This book constitutes the refereed proceedings of the 7th International Conference on Social Robotics, ICSR 2015, held in Paris, France, in October 2015. The 70 revised full papers presented were carefully reviewed and selected from 126 submissions. The papers focus on the interaction between humans and robots and the integration of robots into our society and present innovative ideas and concepts, new discoveries and improvements, novel applications on the latest fundamental advances in the core technologies that form the backbone of social robotics, distinguished developmental projects, as well as seminal works in aesthetic design, ethics and philosophy, studies on social impact and influence pertaining to social robotics, and its interaction and communication with human beings and its social impact on our society.

This book constitutes the refereed proceedings of the 5th International Conference on Rough Set and Knowledge Technology, RSKT 2010, held in Beijing, China, in October 2010. The 98 revised full papers presented were carefully reviewed and selected from 175 initial submissions. The papers are organized in topical sections on rough sets and computing theory, fuzzy sets, knowledge technology, intelligent information processing, health informatics and biometrics authentication, neural networks, complex networks, granular computing, metaheuristic, cloud model and its application, data mining in cloud computing, decision-theoretic rough set model, and quotient space theory research and application.

Progress in Pattern Recognition, Image Analysis, Computer Vision, and Applications

San Francisco Focus

Computer Vision in Control Systems-2

Silhouette

Living It Up

America's Love Affair with Luxury

Agility has become very important for the industries today as the lifetimes of the products are continuously shrinking. This book provides an excellent opportunity for updating understanding of agile methods from the design, manufacturing and business process perspectives, whether one is an industrial practitioner, academic researcher engineer or business graduate student. This volume is a compilation of various important aspects of agility consisting of systemic considerations in manufacturing, agile software systems, agile business systems, agile operations research, flexible manufacturing systems, advanced manufacturing systems with improved materials and mechanical behavior of products, agile aspects of design, clean and green manufacturing systems, environment, agile defence systems.

"The magazine for young adults" (varies).

The term "zooplankton" describes the community of floating, often microscopic, animals that inhabit aquatic environments. Being near the base of the food chain, they serve as food for larger animals, such as fish. The ICES (International Council for the Exploration of the Sea) Zooplankton Methodology Manual provides comprehensive coverage of modern techniques in zooplankton ecology written by a group of international experts. Chapters include sampling, acoustic and optical methods, estimation of feeding, growth, reproduction and metabolism, and up-to-date treatment of population genetics and modeling. This book will be a key reference work for marine scientists throughout the world. Sampling and experimental design Collecting zooplankton Techniques for assessing biomass and abundance Protozooplankton enumeration and biomass estimation New optical and acoustic techniques for estimating zooplankton biomass and abundance Methods for measuring zooplankton feeding, growth, reproduction and metabolism Population genetic analysis of zooplankton Modelling zooplankton dynamics This unique and comprehensive reference work will be essential reading for marine and freshwater research scientists and graduates entering the field.

Hidden Markov Models

Advances in Neural Networks - ISNN 2014

Proceedings of the International Conference on Soft Computing for Problem Solving (SocProS 2011) December 20-22, 2011

Selected Papers from the 8th Symposium on Micro-Nano Science and Technology on Micromachines

11th International Symposium on Neural Networks, ISNN 2014, Hong Kong and Macao, China, November 28 -- December 1, 2014. Proceedings

Computer Vision/Computer Graphics Collaboration Techniques

Hidden Markov Models (HMMs), although known for decades, have made a big career nowadays and are still in state of development. This book presents theoretical issues and a variety of HMMs applications in speech recognition and synthesis, medicine, neurosciences, computational biology, bioinformatics, seismology, environment protection and engineering. I hope that the reader will find this book useful and helpful for their own research.

This book constitutes the refereed proceedings of the Third International Conference on Computer Vision/Computer Graphics collaboration techniques involving image analysis/synthesis approaches MIRAGE 2007, held in Rocquencourt, France, in March 2007. The 55 revised full cover foundational, methodological, and application issues.

This book constitutes the refereed proceedings of the Second International Conference on Affective Computing and Intelligent Interaction, ACII 2007. It covers affective facial expression and recognition, affective body expression and recognition, affective speech processing, affective text and dialogue processing, recognizing affect using physiological measures, computational models of emotion and theoretical foundations, and affective sound and music processing.

Theory and Applications

7th International Conference, ICSR 2015, Paris, France, October 26-30, 2015, Proceedings

Machine Learning for Vision-Based Motion Analysis

Ad \$ Summary

Optometric World

European Union Law

Advertising expenditure data across multiple forms of media, including: consumer magazines, Sunday magazines, newspapers, outdoor, network television, spot television, syndicated television, cable television, network radio, and national spot radio. Lists brands alphabetically and shows total expenditures, media used, parent company and PIB classification for each brand. Also included in this report are industry class totals and rankings of the top 100 companies in each of the media.

An in-depth and detailed examination of, and commentary on the key areas of institutional and of substantive EU law covered on most EU law syllabi, this new textbook successfully combines authoritative text with all of the latest case summaries and judgments.

Most biometric systems employed for human recognition require physical contact with, or close proximity to, a cooperative subject. Far more challenging is the ability to reliably recognize individuals at a distance, when viewed from an arbitrary angle under real-world environmental conditions. Gait and face data are the two biometrics that can be most easily captured from a distance using a video camera. This comprehensive and logically organized text/reference addresses the fundamental problems associated with gait and face-based human recognition, from color and infrared video data that are acquired from a distance. It examines both model-free and model-based approaches to gait-based human recognition, including newly developed techniques where the both the model and the data (obtained from multiple cameras) are in 3D. In addition, the work considers new video-based techniques for face profile recognition, and for the super-resolution of facial imagery obtained at different angles. Finally, the book investigates integrated systems that detect and fuse both gait and face biometrics from video data. Topics and features: discusses a framework for human gait analysis based on Gait Energy Image, a spatio-temporal gait representation; evaluates the discriminating power of model-based gait features using Bayesian statistical analysis; examines methods for human recognition using 3D gait biometrics, and for moving-human detection using both color and thermal image sequences; describes approaches for the integration face profile and gait biometrics, and for super-resolution of frontal and side-view face images; introduces an objective non-reference quality evaluation algorithm for super-resolved images; presents performance comparisons between different biometrics and different fusion methods for integrating gait and super-resolved face from video. This unique and authoritative text is an invaluable resource for researchers and graduate students of computer vision, pattern recognition and biometrics. The book will also be of great interest to professional engineers of biometric systems.

Action Recognition Using Log-covariance Matrices of Silhouette and Optical-flow Features

ICES Zooplankton Methodology Manual

Volume 2

Agile Manufacturing Systems

Third International Conference on Computer Vision/Computer Graphics, MIRAGE 2007, Rocquencourt, France, March 28-30, 2007, Proceedings

The Advertising Red Books

Over the years, a large body of knowledge has developed regarding the ways in which space flight affects the health of the personnel involved. Now, for the first time, this clinical knowledge on how to diagnose and treat conditions that either develop during a mission or because of a mission has been compiled by Drs. Michael Barratt and Sam L. Pool of the NASA/Johnson Space Center. Complete with detailed information on the physiological and psychological affects of space flight as well as how to diagnose and treat everything from dental concerns to dermatological problems encountered, this text is a must have for all those associated with aerospace medicine.

The volume LNCS 8866 constitutes the refereed proceedings of the 11th International Symposium on Neural Networks, ISNN 2014, held in Hong Kong and Macao, China on November/ December 2014. The 71 revised full papers presented were carefully reviewed and selected from 119 submissions. These papers cover all major topics of the theoretical research, empirical study and applications of neural networks research as follows. The focus is on following topics such as analysis, modeling, and applications.

A lively and accessible introduction to this highly complex and technical subject that covers the world of copyright, designs, patents and trade mark law. The authors combine backgrounds in academic teaching and top level private practice to produce an intellectually stimulating yet practical concise introduction to the subject.

15th Iberoamerican Congress on Pattern Recognition, CIARP 2010, Sao Paulo, Brazil, November 8-11, 2010, Proceedings

5th International Conference, RSKT 2010, Beijing, China, October 15-17, 2010, Proceedings

Handbook of Dimensional Measurement

Principles of Clinical Medicine for Space Flight

Social Robotics

Working Woman

This book provides students with a basic understanding of intellectual property law. Covering the six main areas of patents, copyright, industrial designs, confidential information, unregistered and registered trademarks, it places intellectual property in its wider context.

The research book is focused on the recent advances in computer vision methodologies and innovations in practice. The Contributions include: · Human Action Recognition: Contour-Based and Silhouette-based Approaches. · The Application of Machine Learning Techniques to Real Time Audience Analysis System. · Panorama Construction from Multi-view Cameras in Outdoor Scenes. · A New Real-Time Method of Contextual Image Description and Its Application in Robot Navigation and Intelligent Control. · Perception of Audio Visual Information for Mobile Robot Motion Control Systems. · Adaptive Surveillance Algorithms Based on the Situation Analysis. · Enhanced, Synthetic and Combined Vision Technologies for Civil Aviation. · Navigation of Autonomous Underwater Vehicles Using Acoustic and Visual Data Processing. · Efficient Denoising Algorithms for Intelligent Recognition Systems. · Image Segmentation Based on Two-dimensional Markov Chains. The book is directed to the PhD students, professors, researchers and software developers working in the areas of digital video processing and computer vision technologies.

Techniques of vision-based motion analysis aim to detect, track, identify, and generally understand the behavior of objects in image sequences. With the growth of video data in a wide range of applications from visual surveillance to human-machine interfaces, the ability to automatically analyze and understand object motions from video footage is of increasing importance. Among the latest developments in this field is the application of statistical machine learning algorithms for object tracking, activity modeling, and recognition. Developed from expert contributions to the first and second International Workshop on Machine Learning for Vision-Based Motion Analysis, this important text/reference highlights the latest algorithms and systems for robust and effective vision-based motion understanding from a machine learning perspective. Highlighting the benefits of collaboration between the communities of object motion understanding and machine learning, the book discusses the most active forefronts of research, including current challenges and potential future directions. Topics and features: provides a comprehensive review of the latest developments in vision-based motion analysis, presenting numerous case studies on state-of-the-art learning algorithms; examines algorithms for clustering and segmentation, and manifold learning for dynamical models; describes the theory behind mixed-state statistical models, with a focus on mixed-state Markov models that take into account spatial and temporal interaction; discusses object tracking in surveillance image streams, discriminative multiple target tracking, and guidewire tracking in fluoroscopy; explores issues of modeling for saliency detection, human gait modeling, modeling of extremely crowded scenes, and behavior modeling from video surveillance data; investigates methods for automatic recognition of gestures in Sign Language, and human action recognition from small training sets. Researchers, professional engineers, and graduate students in computer vision, pattern recognition and machine learning, will all find this text an accessible survey of machine learning techniques for vision-based motion analysis. The book will also be of interest to all who work with specific vision applications, such as surveillance, sport event analysis, healthcare, video conferencing, and motion video indexing and retrieval.

Journal of the American Optometric Association

The Washingtonian

Innovations in Practice

Advertiser, business classifications

Affective Computing and Intelligent Interaction

This Special Issue presents selected papers from the 8th Symposium on Micro-Nano Science and Technology on Micromachines, 31 October-2 November, 2017, in Hiroshima, Japan. We encouraged contributions of significant and original works in order to deeply understand physical, chemical, and biological phenomena at the micro/nano scale and to develop applied technologies. The conference covered the following main topics: 1: Precision machinery lubrication design 2: Material dynamics strength 3: Hydrodynamics 4: Thermal engineering 5: Production processing mechanical materials 6: Robotics mechatronics 7: Medical biotechnology 8: Micro/nano system The papers that attracted the most interest at the conference, or that provided novel contributions, were selected for publication in Micromachines. These papers were peer-reviewed for validation of the research results, developments and applications.

Abstract: Algorithms for recognizing human actions in a video sequence are needed in applications such as video surveillance and video search and retrieval. Developing algorithms that are not only accurate but also efficient is challenging due to the complexity of the task and the sheer size of video. In this thesis, we develop a general framework for compactly representing, quickly comparing, and accurately recognizing actions using empirical covariance matrices of features. With each pixel we associate a feature vector which provides a localized description of the action. This generates a spatio-temporally dense collection of action feature vectors. We use the empirical covariance matrix of this feature vector collection as a low-dimensional representation of the action. We use two supervised learning methods, the nearest-neighbor classification and sparse-linear approximation classification, for action recognition using labeled training dictionaries of action co-variance matrices. Common to both methods is the novel idea that classification algorithms that have been developed for vectors can be re-purposed for covariance tensors by using a log-nonlinearity to map the convex cone of covariance matrices to the vector space of symmetric matrices. We illustrate the approach on two types of action feature vectors. One is based on silhouette tunnels of moving objects, and the other is based on optical flow. Action feature vectors of the first type describe the shape of the silhouette tunnel. Action feature vectors of the second type describe various motion characteristics such as velocity, gradient, and divergence. We demonstrate state-of-the-art recognition performance for both types of action feature vectors on the Weizmann, KTH, YouTube and the low-resolution ICPR-2010 challenge data sets under modest CPU requirements. We also demonstrate how our approach can be used for sequentially detecting changes in actions in an adaptive, unsupervised manner so as to parse a long video into sub-videos, each containing only a single action class. We use a non-parametric statistical framework to learn the distribution of the nearest-neighbor Riemannian distances between feature covariance matrices of video segments. Then, we use binary hypothesis testing to determine if new video segments include action changes. Our algorithm can detect 98.36% of action boundaries with 0.19% false alarm rate. We conclude by discussing how our framework can be adapted to recognize human interactions, which is usually a more challenging problem due to occlusion between moving individuals. We develop an approach based on dividing human interactions into separate sequences, each containing a single individual, and then combining the estimated action likelihoods for each individual sequence. The excellent performance of log-covariance-matrix representation combined with sparse-linear approximation classification demonstrated here for action recognition should encourage the use of this framework for other recognition problems.

Pattern recognition is a central topic in contemporary computer sciences, with continuously evolving topics, challenges, and methods, including machine learning, content-based image retrieval, and model- and knowledge-based - proaches, just to name a few. The Iberoamerican Congress on Pattern Recognition (CIARP) has become established as a high-quality conference, highlighting the recent evolution of the domain. These proceedings include all papers presented during the 15th edition of this conference, held in Sao Paulo, Brazil, in November 2010. As was the case for previous conferences, CIARP 2010 attracted participants from around the world with the aim of promoting and disseminating - going research on mathematical methods and computing techniques for pattern recognition, computer vision, image analysis, and speech recognition, as well as their applications in such diverse areas as robotics, health, entertainment, space exploration, telecommunications, data mining, document analysis, and natural language processing and recognition, to name only a few of them. Moreover, it provided a forum for scientific research, experience exchange, sharing new knowledge and increasing cooperation between research groups in pattern recognition and related areas. It is important to underline that these conferences have contributed significantly to the growth of national associations for pattern recognition in the Iberoamerican region, all of them as members of the International Association for Pattern Recognition (IAPR).

Public Documents of the State of Wisconsin

Enjoy Wearing Glasses '85 : Silhouette Fashion Frames

The Ladies' Home Journal

Operator, Organizational, Direct Support and General Support Maintenance Manual, Including Basic Issue Items List and Repair Parts List

Human Recognition at a Distance in Video

Fortune

Cites the evolution of luxury-based consumerism in America, seeking to define the category itself while considering luxury from a manufacturing and customer perspective and drawing conclusions on the economic impact of luxury spending. Reprint. 35,000 first printing.

Silhouette40 Years of Exclusive Eyewear DesignLexisNexis Corporate AffiliationsPrinciples of Clinical Medicine for Space FlightSpringer Science & Business Media

Managing and marketing through motivation.

Theory and Techniques

Second International Conference, ACII 2007, Lisbon, Portugal, September 12-14, 2007, Proceedings

40 Years of Exclusive Eyewear Design

The National Register of Fashion Accessories

Metropolitan Home

Yachting

The objective is to provide the latest developments in the area of soft computing. These are the cutting edge technologies that have immense application in various fields. All the papers will undergo the peer review process to maintain the quality of work.

Rough Set and Knowledge Technology

Incentive

Intellectual Property Law

Redbook

LexisNexis Corporate Affiliations

Intellectual Property Law Core Text