1. Record Nr. UNISA996466418303316

Titolo	Artificial intelligence, machine learning, and optimization tools for smart cities : designing for sustainability / / Panos M. Pardalos, Stamatina Th. Rassia, Arsenios Tsokas, editors
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2022] ©2022
ISBN	3-030-84459-5
Descrizione fisica	1 online resource (239 pages)
Collana	Springer optimization and its applications ; ; Volume 186
Disciplina	006.3
Soggetti	Artificial intelligence Ciutats intel·ligents Innovacions tecnològiques Intel·ligència artificial Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNICAMPANIAVAN00263389

Autore	Cuyt, Annie
Titolo	Padé Approximants for Operators : Theory and Applications / A. Cuyt
Pubbl/distr/stampa	Berlin, : Springer, 1984
Descrizione fisica	xii, 144 p. ; 24 cm
Soggetti	30G30 - Other generalizations of analytic functions (including abstract-valued functions) [MSC 2020] 41-XX - Approximations and expansions [MSC 2020] 41A21 - Padé approximation [MSC 2020] 46J15 - Banach algebras of differentiable or analytic functions, ${H}^p$-spaces [MSC 2020] 65Mxx - Numerical methods for partial differential equations, initial value and time-dependent initial-boundary value problems [MSC 2020] 65Nxx - Numerical methods for partial differential equations, boundary value problems [MSC 2020]
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

3. Record Nr. UNINA9910483128003321

Titolo	Articulated Motion and Deformable Objects : 6th International Conference, AMDO 2010, Port d'Andratx, Mallorca, Spain, July 7-9, 2010 Proceedings / / edited by Francisco Jose Perales Lopez, Robert B. Fisher
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2010
ISBN	1-280-38762-9 9786613565549 3-642-14061-0
Edizione	[1st ed. 2010.]
Descrizione fisica	1 online resource (XIV, 312 p. 154 illus.)
Collana	Image Processing, Computer Vision, Pattern Recognition, and Graphics, , 3004-9954 ; ; 6169
Altri autori (Persone)	PeralesFrancisco Jose <1962-> FisherR. B
Disciplina	006.3
Soggetti	Artificial intelligence Application software Computer engineering Computer networks Computer vision Pattern recognition systems Computer graphics Artificial Intelligence Computer and Information Systems Applications Computer Engineering and Networks Computer Vision Automated Pattern Recognition Computer Graphics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Articulated Motion and Deformable Objects AMDO 2010 -- Compatible Particles for Part-Based Tracking -- Combining Edge Detection and Region Segmentation for Lip Contour Extraction -- Retrieving

Articulated 3D Objects Using Normalized Distance Function -- Finding Optimal Parameter Configuration for a Dynamic Triangle Mesh Compressor -- Silhouette Area Based Similarity Measure for Template Matching in Constant Time -- Analysing the Influence of Vertex Clustering on PCA-Based Dynamic Mesh Compression -- Estimating 3D Pose via Stochastic Search and Expectation Maximization -- A Proposal for Local and Global Human Activities Identification -- Skeleton and Shape Adjustment and Tracking in Multicamera Environments -- Learning Generic Human Body Models -- High-Realistic and Flexible Virtual Presenters -- Model-Based Hand Gesture Tracking in ToF Image Sequences -- An Evaluation of Wavelet Kernels for Palmprint Based Recognition -- Real-Time Motion Transition by Example -- Novel Representations, Techniques and Error Evaluation for 3D Reconstruction -- Inelastic Deformation Invariant Modal Representation for Non-rigid 3D Object Recognition -- Cyclic and Non-cyclic Gesture Spotting and Classification in Real-Time Applications -- Automatic Motion Segmentation for Human Motion Synthesis -- Multiple-Activity Human Body Tracking in Unconstrained Environments -- Identity Recognition-Based Correction Mechanism for Face Tracking -- Analytical Simulation of Non-planar B-Spline Surfaces Deformation -- 3D Head Pose Estimation and Tracking Using Particle Filtering and ICP Algorithm -- Faking Dynamics of Cloth Animation for Animated Films -- Data-Driven On-Line Generation of Interactive Gait Motion -- Automatic 3D Facial Model and Texture Reconstruction from Range Scans -- A Reusable Model for Emotional BipedWalk-Cycle Animation with Implicit Retargeting -- CageIK: Dual-Laplacian Cage-Based Inverse Kinematics -- Automatic Key Pose Selection for 3D Human Action Recognition -- Adjusting Animation Rigs to Human-Like 3D Models.

Sommario/riassunto

The AMDO 2010 conference took place at the Hotel Mon Port, Port d'Andratx (Mallorca),during July 7-9,2010,institutionally sponsoredby MICINN (Min- teriodeCienciaeInnovaci´ on,SpanishGovernment), theConselleriad'Economia, Hisenda i Innovaci´ o (Balearic Islands Government), the Consell de Mallorca, the AERFAI (Spanish Association in Pattern Recognition and Arti'cial Intel- gence), the EG (Eurographics Association) and the Mathematics and Computer Science Department of the UIB. In addition important commercial sponsors collaborated with practical demonstrations, and the main contributors were: VICOM Tech, ANDROME Iberica, Robot S.A, DAT S.L, Aquateknica S.L. The subject of the conference is the ongoing research in articulated motion on a sequence of images and sophisticated models for deformable objects. The goals of these areas are the understanding and interpretation of the motion of complex objects that can be found in sequences of images in the real world. The main topics considered as priority are: geometric and physical deformable models, motion analysis, articulated models and animation, modelling and - sualization of deformable models, deformable model applications, motion an- ysis applications, single or multiple human motion analysis and synthesis, face modelling, tracking, recovering and recognition models, virtual and augmented reality, haptics devices, and biometrics techniques. The conference topics were groupedinto these tracks: Track 1: Computer Graphics (Human Modelling and Animation), Track 2: Human Motion (Analysis, Tracking, 3D Reconstruction and Recognition), Track 3: Multimodal User Interaction (VR and AR, Speech, Biometrics) and Track 4: A'ective Interfaces (recognition and interpretation of emotions, ECAs - Embodied Conversational Agents in HCI).