Record Nr. UNINA9910882886503321

Autore de Sousa A. Augusto

Titolo Computer Vision, Imaging and Computer Graphics Theory and

> Applications: 18th International Joint Conference on Computer Vision, Imaging and Computer Graphics, VISIGRAPP 2023, Lisbon, Portugal,

February 19-21, 2023, Revised Selected Papers // edited by A.

Augusto de Sousa, Thomas Bashford-Rogers, Alexis Paljic, Mounia Ziat,

Christophe Hurter, Helen Purchase, Petia Radeva, Giovanni Maria

Farinella, Kadi Bouatouch

Cham:,: Springer Nature Switzerland:,: Imprint: Springer,, 2024 Pubbl/distr/stampa

ISBN 9783031667435

9783031667428

Edizione [1st ed. 2024.]

Descrizione fisica 1 online resource (419 pages)

Collana Communications in Computer and Information Science, , 1865-0937;;

2103

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Disciplina 006

Soggetti Image processing - Digital techniques

> Computer vision Computer engineering Computer networks Artificial intelligence Application software

User interfaces (Computer systems)

Human-computer interaction

Computer Imaging, Vision, Pattern Recognition and Graphics

Computer Engineering and Networks

Artificial Intelligence

Computer and Information Systems Applications User Interfaces and Human Computer Interaction

Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico

Nota di contenuto

Monografia

Analysis of Solar Radiation on Facades Using Mobile Augmented Reality -- Unified Shape Analysis and Synthesis via Deformable Voxel Grids --Epipolar Equation Weighting for Accurate Camera Motion from Two Consecutive Frames -- Absolute ROMP Recovering Multi Person 3D Poses and Shapes with Absolute Scales from a Single RGB Image --Semi Supervised Task Aware Image to Image Translation -- Deep Detection Dreams Enhancing Visualization Tools for Single Stage Object Detectors -- Approaches to Face Verification Through Attribute Based Attention -- Towards Fast Detection and Classification of Moving Objects -- ST SACLF Style Transfer Informed Self Attention Classifier for Bias Aware Painting Classification -- Attention to Emotions Body Emotion Recognition In The Wild Using Self Attention Transformer Network -- Linking Data Separation, Visual Separation, and Classifier Performance Using Multidimensional Projections -- Using Cockpit Interactions for Implicit Eye Tracking Calibration in a Flight Simulator

-- Evaluation of Flexible Structured Light Calibration Using Circles --GPS Enhanced RGB D IMU Calibration for Accurate Pose Estimation --Application of Contrast Driven Color Class Assignment to Four Categorical Data Visualization Diagrams -- Measuring And Interpreting the Quality of 3D Projections of High Dimensional Data -- Visualizing Military Operations Extended Geospatial Temporal Survey.

Sommario/riassunto

This book constitutes the refereed post-conference proceedings of the 19th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications, VISIGRAPP 2023, held in Lisbon, Portugal, during February 19-21, 2023. The 17 revised full papers presented were carefully selected from 395 submissions. VISIGRAPP aims to bring together researchers and practitioners interested in theoretical advances and applications of computer vision. information visualization, computer graphics and interaction.