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Feature Extractors for Steganalysis - Binghamton University

Ross Girshick is a research scientist at Facebook AI Research (FAIR), working on computer vision and machine learning. He received a PhD in computer science from the University of Chicago under the supervision of Pedro Felzenszwalb in 2012.

Ross Girshick - rbg's home page

This is a release of a Camera Calibration Toolbox for Matlab Â® with a complete documentation. This document may also be used as a tutorial on camera calibration since it includes general information about calibration, references and related links.

Camera Calibration Toolbox for Matlab

Introduction. The Phase Vocoder [FlanG66, Dols86, LaroD99] is an algorithm for timescale modification of audio. One way of understanding it is to think of it as stretching or compressing the time-base of a spectrogram to change the temporal characteristics of a sound while retaining its short-time spectral characteristics; if the spectrogram is ...

A Phase Vocoder in Matlab - Columbia University

General What is Octave? GNU Octave is a high-level interpreted language, primarily intended for numerical computations. It provides capabilities for the numerical solution of linear and nonlinear problems, and for performing other numerical experiments.

FAQ - Octave

3 Calling C and Fortran Programs from MATLAB Although MATLAB is a complete, self-contained environment for programming and manipulating data, it is often useful to interact with data and programs external to the MATLAB environment.

Calling C and Fortran Programs from MATLAB

This MATLAB function performs k-means clustering to partition the observations of the n-by-p data matrix X into k clusters, and returns an n-by-1 vector (idx) containing cluster indices of each observation.

k-means clustering - MATLAB kmeans - MathWorks

IEEE Digital Image Processing projects for M.Tech, B.Tech, BE, MS, MCA, Students. Image Processing or Digital Image Processing is technique to improve image quality by applying mathematical operations.

Image Processing Projects for IEEE Papers on Image

Computing the eigenvectors. Performing PCA directly on the covariance matrix of the images is often

computationally infeasible. If small images are used, say 100 Å— 100 pixels, each image is a point in a 10,000-dimensional space and the covariance matrix S is a matrix of 10,000 Å— 10,000 = 10⁸ elements.

Eigenface - Wikipedia

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Introduction. This, the tenth release of the Toolbox, represents over twenty years of development and a substantial level of maturity. This version captures a large number of changes and extensions to support the second edition of my book *Robotics, Vision & Control*.

Robotics Toolbox â€“ [petercorke.com]

Abstract Many binary code encoding schemes based on hashing have been actively studied recently, since they can provide efficient similarity search, especially nearest neighbor search, and compact data representations suitable for handling large scale image databases in many computer vision problems.

Spherical Hashing: Binary Code Embedding with - KAIST

Dr. Zhouchen Lin is a Professor in Department of Machine Intelligence, School of Electronics Engineering and Computer Science, Peking University.

Prof. Zhouchen Lin, Peking University, China - PKU

MATPOWER is a package of free, open-source Matlab-language M-files for solving steady-state power system simulation and optimization problems such as power flow (PF), continuation power flow (CPF), extensible optimal power flow (OPF), unit commitment (UC) and stochastic, secure multi-interval OPF/UC.

MATPOWER -- MATLAB Power System Simulation Package

Q: Some courses which have used libsvm as a tool. Institute for Computer Science, Faculty of Applied Science, University of Freiburg, Germany

LIBSVM FAQ - æœç«è†°ç•£âªšâ-,

3DMatch Toolbox. 3DMatch is a ConvNet-based local geometric feature descriptor that operates on 3D data (i.e. point clouds, depth maps, meshes, etc.).

GitHub - andyzen/3dmatch-toolbox: 3DMatch - a 3D ConvNet

In 2009 Sebastian Madgwick developed an IMU and AHRS sensor fusion algorithm as part of his Ph.D research at the University of Bristol. The algorithm was posted on Google Code with IMU, AHRS and camera stabilisation application demo videos on YouTube.

Open source IMU and AHRS algorithms â€“ x-io Technologies

rand('twister',5489) has been used many times in this page. It simply resets the Matlab random number generator, so that the kmeans (or, litekmeans) will have exactly the same initialization.

Reproducing Experimental Results - Zhejiang University

Datasets and evaluations. I believe that computer vision is advanced by careful evaluation and comparison. Consequently I have been involved in building several public datasets and evaluation websites.

Michael Black | Perceiving Systems - Max Planck Institute

CORDIC (for COordinate Rotation DIgital Computer), also known as Volder's algorithm, is a simple and efficient algorithm to calculate hyperbolic and trigonometric functions, typically converging with one digit (or bit) per iteration.

CORDIC - Wikipedia

Citation Chao Dong, Chen Change Loy, Kaiming He, Xiaoou Tang. Learning a Deep Convolutional Network for Image Super-Resolution, in Proceedings of European Conference on Computer Vision (ECCV), 2014 PDF

Image Super-Resolution Using Deep Convolutional Networks

Can anybody please send the MATLAB code for Probability of missed detection vs Threshold and SNR under different fading channels. Send code to bsivakumar100@gmail.com.

Symbol Error Rate (SER) for QPSK (4-QAM) modulation

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Computer Science (CSE) and MCA Seminar Topics 2017 2018

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Title Authors Published Abstract Publication Details; Analysis of the CLEAR Protocol per the National Academies' Framework Steven M. Bellovin, Matt Blaze, Dan Boneh, Susan Landau, Ronald L. Rivest

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