Mindluster Platform

About the course Digital Image Processing

Digital Image Processing course in hindi, in this course covers techniques to manipulate and analyze digital images for various applications in computer vision and image analysis.

Computer Science Category's Courses

Course Lesson(42)

Lesson 1 : **Computer Vision and Image Processing â€“ Fundamentals and Applications Intro Video**

Lesson 2 : **Lec 1 Introduction to Computer Vision**

Lesson 3 : **Lec 2 Introduction to Digital Image Processing**

Lesson 4 : **Lec 3 Image Formation Radiometry**

Lesson 5 : **Lec 4 Shape From Shading**

Lesson 6 : **Lec 5 Image Formation Geometric Camera Models I**

Lesson 7 : **Lec 6 Image Formation Geometric Camera Model II**

Lesson 8 : **Lec 7 Image Formation Geometric Camera Model III**

Lesson 9 : **Lec 8 Image Formation in a Stereo Vision Setup**

Lesson 10 : **Lec 9 Image Reconstruction from a Series of Projections**

Lesson 11 : **Lec 10 Image Reconstruction from a Series of Projections**

Lesson 12 : **Lec 11 Image Transforms I**

Lesson 13 : **Lec 12 Image Transforms II**

Lesson 14 : **Lec 13 Image Transforms III**

Lesson 15 : **Lec 14 Image Transforms IV**

Lesson 16 : **Lec 15 Image Enhancement**

Lesson 17 : **Lec 16 Image Filtering I**

Lesson 18 : **Lec 17 Image Filtering II**

Lesson 19 : **Lec 18 Colour Image Processing I**

Lesson 20 : **Lec 19 Colour Image Processing II**

Lesson 21 : **Lec 20 Image Segmentation**

Lesson 22 : **Lec 21 Image Features and Edge Detection**

Lesson 23 : **Lec 22 Edge Detection**

Lesson 24 : **Lec 23 Hough Transform**

Lesson 25 : **Lec 24 Image Texture Analysis I**

Lesson 26 : **Lec 25 Image Texture Analysis II**

Lesson 27 : **Lec 26 Object Boundary and Shape Representations I**

Lesson 28 : **Lec 27 Object Boundary and Shape Representations II**

Lesson 29 : **Lec 28 Interest Point Detectors**

Lesson 30 : **Lec 29 Image Features HOG and SIFT**

Lesson 31 : **Lec 30 Introduction to Machine Learning I**

Lesson 32 : **Lec 31 Introduction to Machine Learning II**

Lesson 33 : **Lec 32 Introduction to Machine Learning III**

Lesson 34 : **Lec 33 Introduction to Machine Learning IV**

Lesson 35 : **Lec 34 Introduction to Machine Learning V**

Lesson 36 : **Lec 35 Artificial Neural Network for Pattern Classification I**

Lesson 37 : **Lec 36 Artificial Neural Network for Pattern Classification II**

Lesson 38 : **Lec 37 Introduction to Deep Learning**

Lesson 39 : **Lec 38 Gesture Recognition**

Lesson 40 : **Lec 39 Background Modelling and Motion Estimation**

Lesson 41 : **Lec 40 Object Tracking**

Lesson 42 : **Lec 41 Programming Examples**

Related courses

Linear Algebra for Computer Scientists

Insertion Sort

Bubble Sort

GCSE Computer Science

Random Access Memory

Binary Trees

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