

NPTEL Video Lecture Topic List - Created by LinuXpert Systems, Chennai

NPTEL Video Course - Computer Science and Engineering - NOC:Computer Vision

Subject Co-ordinator - Prof. Jayanta Mukhopadhyay

Co-ordinating Institute - IIT - Kharagpur

Sub-Titles - Available / Unavailable | MP3 Audio Lectures - Available / Unavailable

- Lecture 1 - Fundamentals of Image Processing - Part I
- Lecture 2 - Fundamentals of Image Processing - Part II
- Lecture 3 - Image Transform - Part I
- Lecture 4 - Image Transform - Part II
- Lecture 5 - Projective Geometry - Part I
- Lecture 6 - Projective Geometry - Part II
- Lecture 7 - Projective Transformation
- Lecture 8 - Homography
- Lecture 9 - Homography
- Lecture 10 - Homography
- Lecture 11 - Camera Geometry - Part I
- Lecture 12 - Camera Geometry - Part II
- Lecture 13 - Camera Geometry - Part III
- Lecture 14 - Camera Geometry - Part IV
- Lecture 15 - Camera Geometry - Part V
- Lecture 16 - Stereo Geometry - Part I
- Lecture 17 - Stereo Geometry - Part II
- Lecture 18 - Stereo Geometry - Part III
- Lecture 19 - Stereo Geometry - Part IV
- Lecture 20 - Stereo Geometry - Part V
- Lecture 21 - Stereo Geometry - Part VI
- Lecture 22 - Stereo Geometry - Part VII
- Lecture 23 - Stereo Geometry - Part VIII
- Lecture 24 - Feature Detection And Description - Part I
- Lecture 25 - Feature Detection And Description - Part II
- Lecture 26 - Feature Detection And Description - Part III
- Lecture 27 - Feature Detection And Description - Part IV
- Lecture 28 - Feature Detection And Description - Part V
- Lecture 29 - Feature Matching And Model Fitting- Part I

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- Lecture 30 - Feature Matching And Model Fitting- Part II
- Lecture 31 - Feature Matching And Model Fitting- Part III
- Lecture 32 - Feature Matching And Model Fitting- Part IV
- Lecture 33 - Feature Matching And Model Fitting- Part V
- Lecture 34 - Color Fundamentals And Processing-Part I
- Lecture 35 - Color Fundamentals And Processing-Part II
- Lecture 36 - Color Fundamentals And Processing-Part III
- Lecture 37 - Color Fundamentals And Processing-Part IV
- Lecture 38 - Color Fundamentals And Processing-Part V
- Lecture 39 - Color Fundamentals And Processing-Part VI
- Lecture 40 - Color Fundamentals And Processing-Part VII
- Lecture 41 - Range Image Processing - Part I
- Lecture 42 - Range Image Processing - Part II
- Lecture 43 - Range Image Processing - Part III
- Lecture 44 - Range Image Processing - Part IV
- Lecture 45 - Range Image Processing - Part V
- Lecture 46 - Clustering and Classification - Part I
- Lecture 47 - Clustering and Classification - Part II
- Lecture 48 - Clustering and Classification - Part III
- Lecture 49 - Clustering and Classification - Part IV
- Lecture 50 - Clustering and Classification - Part V
- Lecture 51 - Dimensional Reduction And Sparse Representation - Part I
- Lecture 52 - Dimensional Reduction And Sparse Representation - Part II
- Lecture 53 - Dimensional Reduction And Sparse Representation - Part III
- Lecture 54 - Dimensional Reduction And Sparse Representation - Part IV
- Lecture 55 - Deep Neural Architecture And Applications - Part I
- Lecture 56 - Deep Neural Architecture And Applications - Part II
- Lecture 57 - Deep Neural Architecture And Applications - Part III
- Lecture 58 - Deep Neural Architecture And Applications - Part IV
- Lecture 59 - Deep Neural Architecture And Applications - Part V
- Lecture 60 - Deep Neural Architecture And Applications - Part VI