NPTEL Video Course - Computer Science and Engineering - Pattern Recognition

Subject Co-ordinator - Prof. Sukhendu Das, Prof. C.A. Murthy

Co-ordinating Institute - IIT - Madras | Indian Statistical Institute

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Lecture 30 - Feature Selection
Lecture 31 - Cauchy Schwartz Inequality
Lecture 32 - Feature Selection Criteria Function
Lecture 33 - Feature Selection Criteria Function
Lecture 34 - Principal Components
Lecture 35 - Comparison Between Performance of Classifiers
Lecture 36 - Basics of Statistics, Covariance, and their Properties
Lecture 37 - Data Condensation, Feature Clustering, Data Visualization
Lecture 38 - Probability Density Estimation
Lecture 39 - Visualization and Aggregation
Lecture 40 - Support Vector Machine (SVM)
Lecture 41 - FCM and Soft-Computing Techniques
Lecture 42 - Examples of Uses or Application of Pattern Recognition; And When to do clustering
Lecture 43 - Examples of Real-Life Dataset

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