**Information Retrieval**

1. Optimizing web search using web click-through data -sample3

**Keywords:** Click-through, Data, Iterative Algorithm, Log Mining, Search Engine

1. Web Query Recommendation via Sequential Query Prediction -sample4

**Keywords:** [mixture variable memory Markov model](http://ieeexplore.ieee.org/search/searchresult.jsp?matchBoolean=true&queryText="Index Terms":.QT.mixture variable memory Markov model.QT.&newsearch=true), [Query recommendation](http://ieeexplore.ieee.org/search/searchresult.jsp?matchBoolean=true&queryText="Index Terms":.QT.Query recommendation.QT.&newsearch=true), [sequential query prediction](http://ieeexplore.ieee.org/search/searchresult.jsp?matchBoolean=true&queryText="Index Terms":.QT.sequential query prediction.QT.&newsearch=true)

1. Personalized Web search for improving retrieval effectiveness -sample5

**Keywords:** Category Hierarchy, Information Filtering, Personalization, Retrieval Effectiveness, Search Engine

1. Hierarchical Clustering Algorithms for Document Datasets -sample6

**Key words:** hierarchical clustering, criterion function, constrained agglomerative clustering, data mining

sample7-A Model-Based Method for the Computation of Fingerprints’ Orientation Field

sample8 - A New Approach for Time Synchronization in Wireless Sensor Networks: Pairwise Broadcast Synchronization

**Image processing**

1. Multiscale AM-FM Demodulation and Image Reconstruction Methods With Improved Accuracy - sample9

**Keywords:** Amplitude-modulation frequency-modulation, (AM-FM), image demodulation, multiscale image analysis.

1. [Rate-Distortion Optimized Bitstream Extractor for Motion Scalability in Wavelet-Based Scalable Video Coding](http://ieeexplore.ieee.org/document/5361377/) - sample10

**Keywords:** scalable video coding, Bitstream extractor, motion scalability, rate distortion optimization

1. Fusing Local Patterns of Gabor Magnitude and Phase for Face Recognition

**Keywords:** local Gabor XOR patterns (LGXP), Face representation,

Fisher's linear discriminant (FLD), fusion, histogram – sample11 (not done) [sample7 instead]

**Security**

1. Steganography in Inactive Frames of VoIP Streams Encoded by Source Codec -sample12
2. Low-Rate DDoS Attacks Detection and Traceback by Using New Information Metrics -sampl13
3. Captcha as Graphical Passwords—A New Security Primitive Based on Hard AI Problems

-sample14

1. A Game Theoretical Framework on Intrusion Detection in Heterogeneous Networks

-sample15

1. A Hypothesis Testing Approach to Semifragile Watermark-Based Authentication

-sample16

**Wireless sensor Network**

1. A New Approach for Time Synchronization in Wireless Sensor Networks: Pairwise Broadcast Synchronization

-sample17 or 8

1. Improved Resource Management through User Aggregation in Heterogeneous Multiple Access Wireless Networks

-sample18

1. Performance Analysis of Slotted Carrier Sense IEEE 802.15.4 Medium Access Layer

-sample19

1. Cross-Layer Fair Bandwidth Sharing for Multi-Channel Wireless Mesh Networks

-sample20

**Machine learning**

1. Decision tree approach for classification of remotely sensed satellite data using open source support

-sample21

1. Parallel Formulations of Decision-Tree Classification Algorithms

-sample22

### [Subsumption resolution: an efficient and effective technique for semi-naive Bayesian learning](https://link.springer.com/article/10.1007/s10994-011-5275-2)

-sample23

### [An improved artificial bee colony algorithm for solving constrained optimization problems](https://link.springer.com/article/10.1007/s13042-015-0357-2)

-sample24

### [Graph based semi-supervised learning via label fitting](https://link.springer.com/article/10.1007/s13042-015-0458-y)

-sample25

Qustioning query expansion: an examination of behaviour and parameters

-sample26

##rest in next 25##